



F5 PRODUCT GUIDE

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APPLICATION SERVICES

Powering and protecting apps – From code to customer

Our long-standing belief that applications are the most valuable assets of any organisation in the digital age has been the foundation of our strategy to become the leader in **multi-cloud application services**. F5 is able to deliver and protect applications from the point at which they are created through to the point when consumers interact with them – in other words, from “code to customer”.

Code to customer securely, at scale

- **End-to-end multi-cloud application services**

F5's and NGINX's application expertise along with Shape's anti-fraud reinforces our “code to customer” promise with a comprehensive, end-to-end application security offer

- **Industry-leading application protection**

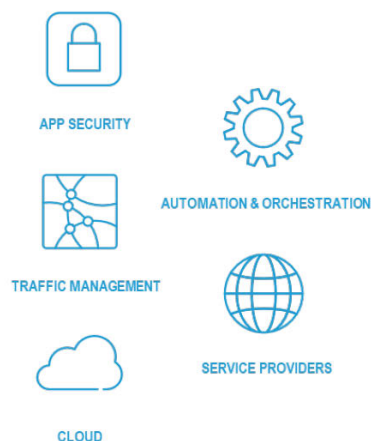
With Shape Security, F5 has the most sophisticated AI and cloud-based analytics intellectual property in the business to detect, flag, and mitigate unwanted and malicious online traffic

- **Ecosystem integration and technology alliances**

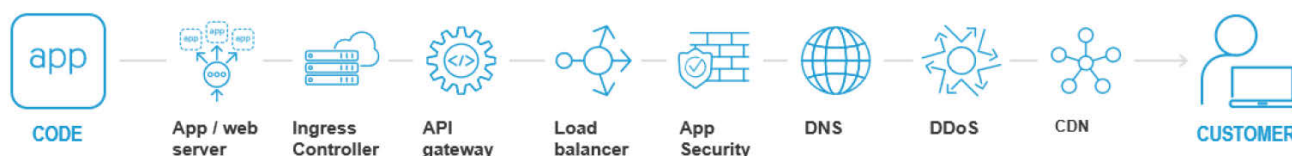
F5 integrates into the major public cloud providers as well as private cloud and open source platforms, and also into automation toolkits for applying application services

- **Flexible consumption**

F5 provides application services as hardware or software with flexible licensing subscriptions or pay-as-you-go options, as well as applications as a service for on-demand,



From Code to Customer



F5 application services

The F5 portfolio of enterprise-grade application services ensures that apps are fast, available, and secure across any on-premises or multi-cloud

- **Fast, available, and secure**

A blend of software and hardware load balancer and full proxy gives you the ability to control the traffic that passes through your network and to optimise performance

- **Application security**

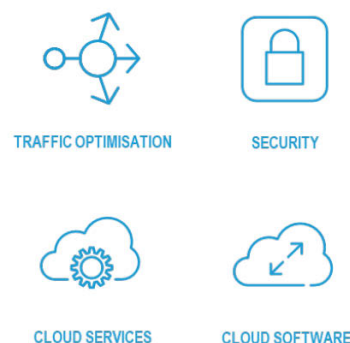
F5's integrated security suite, backed by 24/7 access to our security experts, protects all your apps against constantly evolving threats

- **Cloud-native, SaaS solutions**

Built in a pay-as-you-go model, F5 Cloud Services offer predictable pricing, flexibility and the ability to auto-scale to meet changing demand

- **App services in cloud software**

F5 has the advanced services you need to deploy applications in the cloud, build new apps and migrate existing apps to the cloud, be more agile, and ensure apps are fast and always-



F5 Networks powers applications from development through their entire lifecycle, across any multi-cloud environment, so our customers – enterprise businesses, service providers, governments, and consumer brands – can deliver differentiated, high-performing, and secure digital experiences. For more information, go to f5.com.

INTELLIGENT APPLICATION TRAFFIC MANAGEMENT

BIG-IP LOCAL TRAFFIC MANAGER

Intelligent application traffic management

BIG-IP Local Traffic Manager (LTM) enables you to control network traffic, selecting the right destination based on server performance, security, and availability. BIG-IP LTM helps deliver applications to users in a reliable, secure, and optimised way. You get the extensibility and flexibility of application services with programmability to manage physical, virtual, and cloud infrastructure.

Key benefits

- Deliver applications rapidly and reliably
- Automate and customise with programmable infrastructure
- Transition to SDN and cloud networks
- Easily deploy and manage applications
- Secure your critical applications



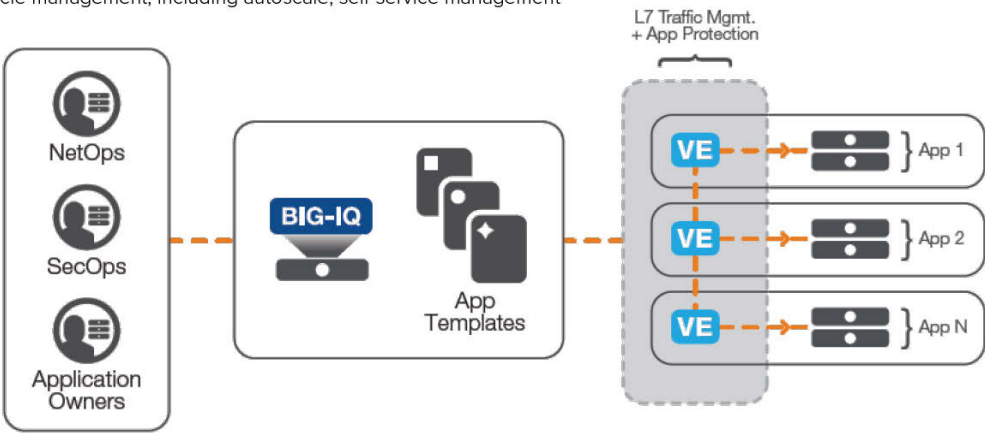
BIG-IP Cloud Edition Local Traffic Manager (LTM)

Dedicated per-app services

BIG-IP Cloud Edition supports app teams' need for flexibility and speed, while enabling operations teams to standardise on consistent network and security policies across the application portfolio. Cloud Edition is composed of tightly integrated BIG-IQ Centralized Management and BIG-IP Per-App Virtual Editions to deliver advanced app services and lifecycle management, including autoscale, self-service management for app owners, and per-app analytics.

Key benefits

- Dedicated per-app services
- Self-service management
- On-demand autoscale
- Faster troubleshooting
- Flexible licensing

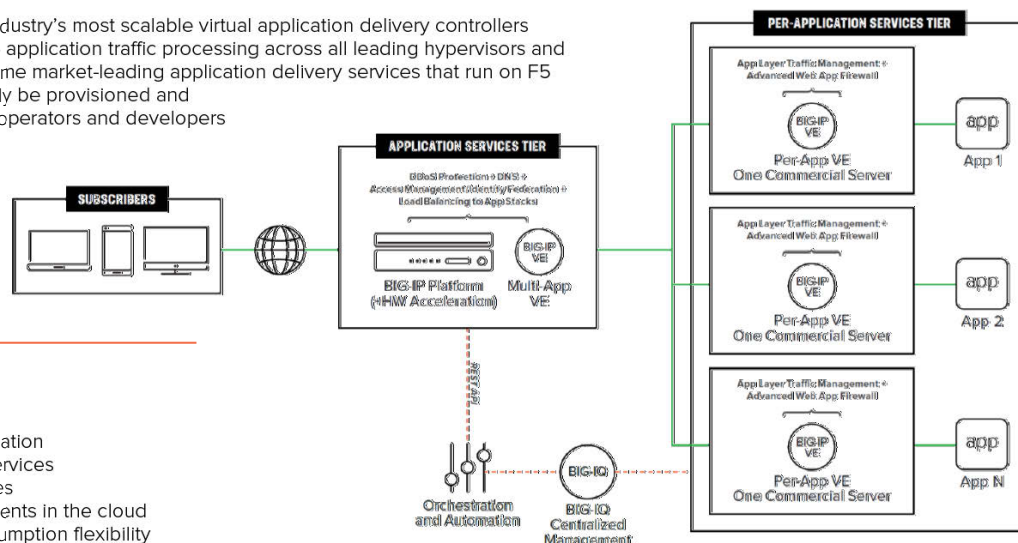


| Description | Part Number |
|---|-----------------------|
| BIG-IP Cloud Edition Local Traffic Manager 200 Mbps (per app, v13.1 - v18.x) | F5-BIG-LTM-PVE200MV18 |
| BIG-IP Cloud Edition Local Traffic Manager 25 Mbps (per app, v13.1 - v18.x) | F5-BIG-LTM-PVE25MV18 |
| BIG-IP Cloud Edition Local Traffic Manager Pool 200 Mbps (per app, 20 instances, v13.1 - v18.x) | F5-BIGLTMPEP200MV18 |
| BIG-IP Cloud Edition Local Traffic Manager Pool 25 Mbps (per app, 20 instances, v13.1 - v18.x) | F5-BIG-LTMPVEP25MV18 |
| BIG-IP Cloud Edition Local Traffic Manager Add-on License Pool 200 Mbps (per app, 10 instances) | F5-ADDBIGLTMPEP200M |
| BIG-IP Cloud Edition Local Traffic Manager Add-on License Pool 25 Mbps (per app, 10 instances) | F5-ADD-BIGLTMPEP25M |
| BIG-IP Cloud Edition Service Scaling (8 vCPUs, v13.x - v18.x) | F5-BIG-SVS-VE-08-V18 |

BIG-IP Virtual Edition Local Traffic Manager (LTM)

F5 application services in any environment

BIG-IP Virtual Editions (VEs) are the industry's most scalable virtual application delivery controllers (vADCs), facilitating high-performance application traffic processing across all leading hypervisors and cloud platforms. VEs deliver all the same market-leading application delivery services that run on F5 purpose-built hardware. VEs can easily be provisioned and configured automatically by network operators and developers alike, allowing them to be integrated within existing CI/CD pipelines and ensuring all applications are deployed with the necessary security, compliance, and traffic management capabilities.



Key benefits

- Increase multi-cloud agility
- Accelerate deployments with automation
- Optimise application and security services
- Use modern application architectures
- Support high-performance requirements in the cloud
- Gain ultimate deployment and consumption flexibility

| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition Local Traffic Manager High Performance (24 vCPUs, v13.1.x - v18.x) | F5-BIG-LTM-VE-24-V18 |
| BIG-IP Virtual Edition Local Traffic Manager High Performance (20 vCPUs, v13.x - v18.x) | F5-BIG-LTM-VE-20-V18 |
| BIG-IP Virtual Edition Local Traffic Manager High Performance (16 vCPUs, v13.x - v18.x) | F5-BIG-LTM-VE-16-V18 |
| BIG-IP Virtual Edition Local Traffic Manager High Performance (12 vCPUs, v13.x - v18.x) | F5-BIG-LTM-VE-12-V18 |
| BIG-IP Virtual Edition Local Traffic Manager High Performance (8 vCPUs, v13.x - v18.x) | F5-BIG-LTM-VE-08-V18 |
| BIG-IP Virtual Edition Local Traffic Manager 10 Gbps (v12.1.x - v18.x) | F5-BIG-LTM-VE-10GV18 |
| BIG-IP Virtual Edition Local Traffic Manager 5 Gbps (v12.1.x - v18.x) | F5-BIG-LTM-VE-5G-V18 |
| BIG-IP Virtual Edition Local Traffic Manager 3 Gbps (v12.1.x - v18.x) | F5-BIG-LTM-VE-3G-V18 |
| BIG-IP Virtual Edition Local Traffic Manager 1 Gbps (v12.1.x - v18.x) | F5-BIG-LTM-VE-1G-V18 |
| BIG-IP Virtual Edition Local Traffic Manager 200 Mbps (v12.1.x - v18.x) | F5-BIG-LTM-VE200MV18 |
| BIG-IP Virtual Edition Local Traffic Manager 25 Mbps (v12.1.x - v18.x) | F5-BIG-LTM-VE-25MV18 |
| BIG-IP Virtual Edition Lab License (10 Mbps, v12.1.x - v18.x) | F5-BIG-VE-LAB-V18 |
| BIG-IP Virtual Edition Lab License for Service Providers (10 Mbps, v12.1.x - v18.x) | F5-BIG-VE-LAB-SP-V18 |

Local Traffic Manager (LTM) Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Local Traffic Manager Add-on License High Performance (4 vCPUs) | F5-ADD-BIG-LTM-VE-04 |
| BIG-IP Virtual Edition Local Traffic Manager Add-on License 10 Gbps | F5-ADD-BIG-LTM-VE10G |
| BIG-IP Virtual Edition Local Traffic Manager Add-on License 5 Gbps | F5-ADD-BIG-LTM-VE5G |
| BIG-IP Virtual Edition Local Traffic Manager Add-on License 3 Gbps | F5-ADD-BIG-LTM-VE3G |
| BIG-IP Virtual Edition Local Traffic Manager Add-on License 1 Gbps | F5-ADD-BIG-LTM-VE1G |
| BIG-IP Virtual Edition Local Traffic Manager Add-on License 200 Mbps | F5-ADD-BIG-LTMVE200M |
| BIG-IP Virtual Edition Local Traffic Manager Add-on License 25 Mbps | F5-ADD-BIG-LTM-VE25M |

License Upgrades for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition License Upgrade (5 Gbps to 10 Gbps) | F5-ADD-BIG-VE-UP-10G |
| BIG-IP Virtual Edition License Upgrade (3 Gbps to 5 Gbps) | F5-ADD-BIG-VE-UP-5G |
| BIG-IP Virtual Edition License Upgrade (1 Gbps to 3 Gbps) | F5-ADD-BIG-VE-UP-3G |
| BIG-IP Virtual Edition License Upgrade (200 Mbps to 1 Gbps) | F5-ADD-BIG-VE-UP-1G |
| BIG-IP Virtual Edition License Upgrade (25 Mbps to 200 Mbps) | F5-ADD-BIG-VE-UP200M |

Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Advanced Routing License (RIP, OSPF, BGP, IS-IS, BFD) | F5-ADD-BIGVE-ROUTING |
| BIG-IP Virtual Edition Multicast Routing License | F5-ADDBIGVEMULTICAST |
| BIG-IP Virtual Edition Advanced Protocols License | F5-ADDBIGADVPROCS-VE |
| BIG-IP Virtual Edition SmartNIC DDoS Mitigation Add-on License (per Intel FPGA Programmable Acceleration Card N3000) | F5-ADD-BIG-VE-SMARTD |

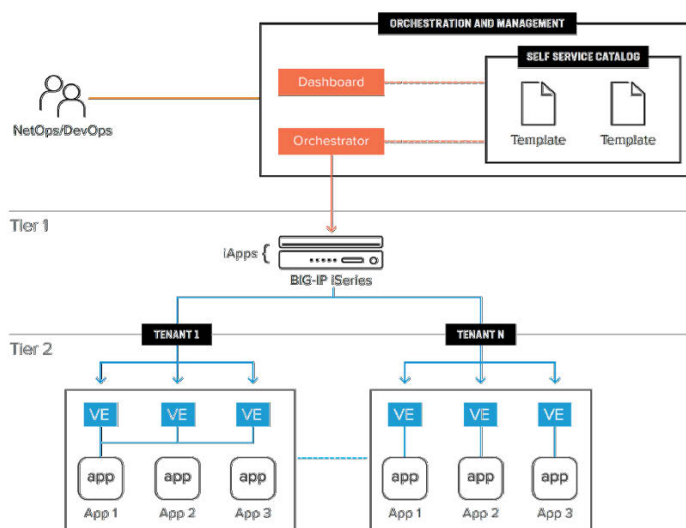
BIG-IP iSeries Local Traffic Manager (LTM)

Gain agility with the most programmable cloud-ready ADC

F5's next-generation, cloud-ready application delivery controller (ADC) platform provides DevOps-like agility with the scale, security depth, and investment protection needed for both established and emerging apps. The BIG-IP iSeries appliances deliver quick and easy programmability, ecosystem-friendly orchestration, and record-breaking, software-defined hardware performance. As a result, customers can accelerate private clouds and secure critical data at scale while lowering TCO and future-proofing their application infrastructure.

Key benefits

- Obtain the lowest TCO
- Protect critical data
- Secure applications
- Ensure the easiest deployment
- Maximise investment protection
- Maximise uptime



| Description | Part Number |
|---|----------------------|
| BIG-IP i15800 Local Traffic Manager (512 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-LTM-i15800 |
| BIG-IP i11800 Local Traffic Manager Turbo SSL (256 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-LTM-i11800-DS |
| BIG-IP i11800 Local Traffic Manager (256 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-LTM-i11800 |
| BIG-IP i10800 Local Traffic Manager (128 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-LTM-i10800-D |
| BIG-IP i10800 Local Traffic Manager (128 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-LTM-i10800 |
| BIG-IP i7800 Local Traffic Manager (96 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-LTM-i7800-D |
| BIG-IP i7800 Local Traffic Manager (96 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-LTM-i7800 |
| BIG-IP i5800 Local Traffic Manager (48 GB Memory, SSD, Max SSL, Max Compression, vCMP) | F5-BIG-LTM-i5800 |
| BIG-IP i4800 Local Traffic Manager (32 GB Memory, Max SSL, Max Compression) | F5-BIG-LTM-i4800 |
| BIG-IP i2800 Local Traffic Manager (16 GB Memory, Max SSL, Max Compression) | F5-BIG-LTM-i2800 |
| BIG-IP i15600 Local Traffic Manager (512 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-LTM-i15600 |
| BIG-IP i11600 Local Traffic Manager Turbo SSL (256 GB Memory, Dual SSD, Base SSL, Base Compression, vCMP, Dual AC Power Supplies) | F5-BIG-LTM-i11600-DS |
| BIG-IP i11600 Local Traffic Manager (256 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-LTM-i11600 |
| BIG-IP i11400 Local Traffic Manager Turbo SSL (256 GB Memory, Dual SSD, Base SSL, Base Compression, vCMP, Dual AC Power Supplies) | F5-BIG-LTM-i11400-DS |
| BIG-IP i10600 Local Traffic Manager (128 GB Memory, Dual SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-LTM-i10600-D |
| BIG-IP i10600 Local Traffic Manager (128 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-LTM-i10600 |
| BIG-IP i7600 Local Traffic Manager (96 GB Memory, Dual SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-LTM-i7600-D |
| BIG-IP i7600 Local Traffic Manager (96 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-LTM-i7600 |
| BIG-IP i5600 Local Traffic Manager (48 GB Memory, SSD, Base SSL, Base Compression) | F5-BIG-LTM-i5600 |
| BIG-IP i4600 Local Traffic Manager (32 GB Memory, Base SSL, Base Compression) | F5-BIG-LTM-i4600 |
| BIG-IP i2600 Local Traffic Manager (16 GB Memory, Base SSL, Base Compression) | F5-BIG-LTM-i2600 |
| BIG-IP i7820 Local Traffic Manager FIPS (96 GB Memory, Dual SSD, Hardware Security Module, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-LTM-i7820-DF |
| BIG-IP i5820 Local Traffic Manager FIPS (48 GB Memory, Dual SSD, Hardware Security Module, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-LTM-i5820-DF |
| BIG-IP i10350v Local Traffic Manager FIPS (128 GB Memory, SSD, Hardware Security Module, Max SSL, Max Compression, Dual AC Power Supplies) | F5-BIG-LTM-i10350V-F |
| BIG-IP i10350v Local Traffic Manager NEBS (128 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-LTM-i10350V-N |
| BIG-IP i10150s Local Traffic Manager NEBS (128 GB Memory, SSD, Max SSL, Max Compression, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-LTM-i10150S-N |

Local Traffic Manager (LTM) Add-on Modules for BIG-IP iSeries

| Description | Part Number |
|--|----------------------|
| BIG-IP Local Traffic Manager Module for i15X00 | F5-ADD-BIG-LTMi15XXX |
| BIG-IP Local Traffic Manager Module for i11X00 | F5-ADD-BIG-LTMi11XXX |
| BIG-IP Local Traffic Manager Module for i10X00 | F5-ADD-BIG-LTMi10XXX |
| BIG-IP Local Traffic Manager Module for i7X00 | F5-ADD-BIG-LTM-i7XXX |
| BIG-IP Local Traffic Manager Module for i5X00 | F5-ADD-BIG-LTM-i5XXX |
| BIG-IP Local Traffic Manager Module for i4X00 | F5-ADD-BIG-LTM-i4XXX |
| BIG-IP Local Traffic Manager Module for i2X00 | F5-ADD-BIG-LTM-i2XXX |
| BIG-IP Local Traffic Manager Module for 10X5Xs | F5-ADD-BIG-LTM-10000 |

License Upgrades for BIG-IP iSeries

| Description | Part Number |
|---|----------------------|
| BIG-IP i15600 to i15800 License Upgrade | F5-ADD-BIG-i158XX |
| BIG-IP i11600 to i11800 License Upgrade | F5-ADD-BIG-i118XX |
| BIG-IP i10600 to i10800 License Upgrade | F5-ADD-BIG-i108XX |
| BIG-IP i7600 to i7800 License Upgrade | F5-ADD-BIG-i78XX |
| BIG-IP i5600 to i5800 License Upgrade | F5-ADD-BIG-i58XX |
| BIG-IP i4600 to i4800 License Upgrade | F5-ADD-BIG-i48XX |
| BIG-IP i2600 to i2800 License Upgrade | F5-ADD-BIG-i28XX |
| BIG-IP i11600 Dual SSD to i11800 Dual SSD License Upgrade | F5-ADD-BIG-i118XXDS2 |
| BIG-IP i11400 Dual SSD to i11800 Dual SSD License Upgrade | F5-ADD-BIG-i118XXDS1 |
| BIG-IP i11400 Dual SSD to i11600 Dual SSD License Upgrade | F5-ADD-BIG-i116XX-DS |
| BIG-IP 10150s to 10350v License Upgrade | F5-ADD-BIG-10350V |

Add-on Modules for BIG-IP iSeries

| Description | Part Number |
|---|----------------------|
| BIG-IP Advanced Routing Modules Pack (RIP, OSPF, BGP, IS-IS, BFD) | F5-ADD-BIG-ROUTING |
| BIG-IP Multicast Routing Module | F5-ADD-BIG-MULTICAST |
| BIG-IP Advanced Protocols License | F5-ADD-BIG-ADV-PROCS |

Power Supply Options for BIG-IP iSeries

| Description | Part Number |
|--|-----------------------|
| BIG-IP Single AC Power Supply for i5X00 (650 W, Field Upgrade) | F5-UPG-AC-i5XXX |
| BIG-IP Single AC Power Supply for i4X00 (250 W, Field Upgrade) | F5-UPG-AC-i4XXX |
| BIG-IP Single AC Power Supply for i2X00 (250 W, Field Upgrade) | F5-UPG-AC-i2XXX |
| BIG-IP Dual DC Power Supplies for i11X00 (650 W, Factory Installed) | F5-OPT-DC-i11XXX |
| BIG-IP Dual DC Power Supplies for i10X00 (650 W, Factory Installed) | F5-OPT-DC-i10XXX |
| BIG-IP Dual DC Power Supplies for i7X00 (650 W, Factory Installed) | F5-OPT-DC-i7XXX |
| BIG-IP Dual DC Power Supplies for i5X00 (650 W, Factory Installed) | F5-OPT-DC-i5XXX |
| BIG-IP Dual DC Power Supplies for i4X00 (650 W, Factory Installed) | F5-OPT-DC-i4XXX |
| BIG-IP Dual DC Power Supplies for i2X00 (650 W, Factory Installed) | F5-OPT-DC-i2XXX |
| BIG-IP Dual DC Power Supplies for 100XXs (850 W, Factory Installed) | F5-OPT-DC-850W |
| BIG-IP Single DC Power Supply for i15X00 (1500 W, Field Upgrade) | F5-UPG-DC-i15XXX |
| BIG-IP Single DC Power Supply for i11X00 (650 W, Field Upgrade) | F5-UPG-DC-i11XXX |
| BIG-IP Single DC Power Supply for i10X00 (650 W, Field Upgrade) | F5-UPG-DC-i10XXX |
| BIG-IP Single DC Power Supply for i7X00 (650 W, Field Upgrade) | F5-UPG-DC-i7XXX |
| BIG-IP Single DC Power Supply for i5X00 (650 W, Field Upgrade) | F5-UPG-DC-i5XXX |
| BIG-IP Single DC Power Supply for i4X00 (650 W, Field Upgrade) | F5-UPG-DC-i4XXX |
| BIG-IP Single DC Power Supply for i2X00 (650 W, Field Upgrade) | F5-UPG-DC-i2XXX |
| BIG-IP Single DC Power Supply for i15X00 (1500 W, Field Upgrade, for NEBS Configuration) | F5-UPG-DC-NEBS-i15XXX |

Hardware Options for BIG-IP iSeries

| Description | Part Number |
|---|--------------------|
| BIG-IP QSFP+ 40GBASE-SR4 BiDi Transceiver (Short Range, 100 m, Field Upgrade) | F5-UPG-QSFP+BD |
| BIG-IP & VIPRION SFP+ 10GBASE-SR Transceiver (Short Range, 300 m, Field Upgrade) | F5-UPG-SFP+-R |
| BIG-IP & VIPRION SFP+ 10GBASE-LR Transceiver (Long Range, 10 km, Field Upgrade) | F5-UPG-SFP+LR-R |
| BIG-IP & VIPRION SFP+ Direct Attach 10GBASE-CX1 Transceiver 8-pack (3 m, Field Upgrade) | F5-UPG-SFPC+-3M-8 |
| BIG-IP & VIPRION SFP 1000BASE-SX Transceiver (Short Range, 550 m, Field Upgrade) | F5-UPG-SFP-R |
| BIG-IP & VIPRION SFP 1000BASE-LX Transceiver (Long Range, 10 km, Field Upgrade) | F5-UPG-SFPLX-R |
| BIG-IP & VIPRION SFP 1000BASE-T Transceiver (Field Upgrade) | F5-UPG-SFPC-R |
| BIG-IP Front Mount Bracket for i4X00/i2X00 (Field Upgrade) | F5-UPG-BRKT-A |
| BIG-IP Mid Mount Bracket for i1XX00/i7X00/i5X00 (Field Upgrade) | F5-UPG-BRKT-B |
| BIG-IP Mid Mount Bracket for i15X00 (Field Upgrade) | F5-UPG-BRKT-C |
| BIG-IP Failover Cable 10 Ft (RJ-45) | F5-UPG-CBL-10FT-RJ |
| BIG-IP Failover Cable 15 Ft (RJ-45) | F5-UPG-CBL-15FT-RJ |
| BIG-IP Failover Cable 20 Ft (RJ-45) | F5-UPG-CBL-20FT-RJ |
| BIG-IP Failover Cable 30 Ft (RJ-45) | F5-UPG-CBL-30FT-RJ |
| BIG-IP Failover Cable 50 Ft (RJ-45) | F5-UPG-CBL-50FT-RJ |

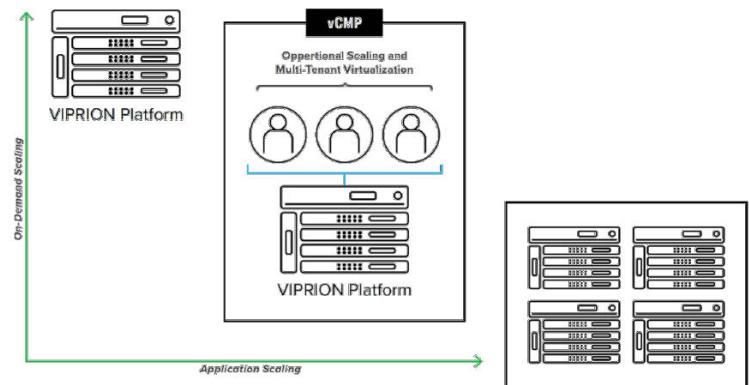
VIPRION Local Traffic Manager (LTM)

The on-demand application delivery controller

Each VIPRION platform is a single, powerful application delivery controller with modular performance blades you can add or remove without disrupting users or applications. Instead of adding devices and segmenting applications, simply add more power to your existing infrastructure as needs and opportunities arise. VIPRION enables the scalability you need to establish a sustainable application delivery network growth strategy.

Key benefits

- Reduce costs
- Maximise performance
- Consolidate devices
- Achieve ultimate reliability



| Description | Part Number |
|--|----------------------|
| VIPRION 4800 Local Traffic Manager Chassis (8 x Slots, 2 x AC Power Supplies) | F5-VPR-LTM-C4800-AC |
| VIPRION 4480 Local Traffic Manager Chassis (4 x Slots, 4 x AC Power Supplies) | F5-VPR-LTM-C4480-AC |
| VIPRION 4800 Local Traffic Manager Chassis NEBS (8 x Slots, 2 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-LTM-C4800-DCN |
| VIPRION 4480 Local Traffic Manager Chassis NEBS (4 x Slots, 4 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-LTM-C4480-DCN |
| VIPRION 4450 Local Traffic Manager Blade NEBS (256 GB Memory, 6 x QSFP+ Ports, 2 x QSFP28 Ports, NEBS Level 3 Certified) | F5-VPR-LTM-B4450N |
| VIPRION 2400 Local Traffic Manager Chassis (4 x Slots, 2 x AC Power Supplies) | F5-VPR-LTM-C2400-AC |
| VIPRION 2200 Local Traffic Manager Chassis (2 x Slots, 2 x AC Power Supplies) | F5-VPR-LTM-C2200-AC |
| VIPRION 2200 Local Traffic Manager Chassis (2 x Slots, 2 x DC Power Supplies) | F5-VPR-LTM-C2200-DC |
| VIPRION 2250 Blade (64 GB Memory, SSD, 4 x QSFP+ Ports) | F5-VPR-LTM-B2250 |
| VIPRION 2150 Blade (32 GB Memory, SSD, 8 x SFP+ Ports with 2 x 10GBASE-SR Transceivers included) | F5-VPR-LTM-B2150 |

Local Traffic Manager (LTM) Add-on Modules for VIPRION

| Description | Part Number |
|---|----------------------|
| VIPRION Local Traffic Manager Module for 4800 Chassis | F5-ADD-VPR-LTM-C4800 |
| VIPRION Local Traffic Manager Module for 4480 Chassis | F5-ADD-VPR-LTM-C4400 |
| VIPRION Local Traffic Manager Module for 2X00 Chassis | F5-ADD-VPR-LTM-C2400 |

Add-on Licenses for VIPRION

| Description | Part Number |
|--|----------------------|
| VIPRION Virtual Clustered Multiprocessing License for 4800 Chassis | F5-ADD-VPR-VCMP-4800 |
| VIPRION Virtual Clustered Multiprocessing License for 4480 Chassis | F5-ADD-VPR-VCMP-4480 |
| VIPRION Virtual Clustered Multiprocessing License for 2400 Chassis | F5-ADD-VPR-VCMP-2400 |
| VIPRION Virtual Clustered Multiprocessing License for 2200 Chassis | F5-ADD-VPR-VCMP-2200 |
| VIPRION Compression License Upgrade for 4800 Chassis (Max Gbps) | F5-ADD-VPR-CMP8 |
| VIPRION Compression License Upgrade for 4480/2400 Chassis (Max Gbps) | F5-ADD-VPR-CMP4 |
| VIPRION Compression License Upgrade for 2200 Chassis (Max Gbps) | F5-ADD-VPR-CMP2 |
| VIPRION Software Defined Networking Services License | F5-ADD-VPR-SDN |
| VIPRION Advanced Protocols License | F5-ADD-VPR-ADV-PROCS |

Power Supply Options for VIPRION

| Description | Part Number |
|---|----------------------|
| VIPRION Single AC Power Supply for 4800 Chassis (2600 W, Field Upgrade) | F5-UPG-VPR-AC-C4800 |
| VIPRION Single DC Power Supply for 4800 Chassis (2600 W, Field Upgrade) | F5-UPG-VPR-DC-C4800 |
| VIPRION Dual DC Power Supplies for 2400 Chassis (1400 W, Factory Installed) | F5-OPT-VPR-DC-C2400 |
| VIPRION Single DC Power Supply for 2400 Chassis (1400 W, Field Upgrade) | F5-UPG-VPR-DC-C2400 |
| VIPRION Rack-Mount Rails for 2400 Chassis (Field Upgrade) | F5-UPG-VPR-RACKC2400 |
| VIPRION Portable LCD for 2X00 Chassis (Field Upgrade) | F5-UPG-VPR-LCD-C2400 |
| VIPRION Single DC Power Supply for 2200 Chassis (800 W, Field Upgrade) | F5-UPG-VPR-DC-C2200 |

Hardware Options for VIPRION

| Description | Part Number |
|---|--------------------|
| VIPRION & BIG-IP QSFP+ to 4 x SFP+ Optical Breakout Cable (2-pack, 1 m) | F5-UPG-QSFP+-1M-2 |
| VIPRION & BIG-IP QSFP+ to 4 x SFP+ Optical Breakout Cable (2-pack, 3 m) | F5-UPG-QSFP+-3M-2+ |
| VIPRION & BIG-IP QSFP+ to 4 x SFP+ Optical Breakout Cable (2-pack, 10 m) | F5-UPG-QSFP+-10M-2 |
| VIPRION and BIG-IP QSFP28 100GBASE-SR4 Transceiver (Short Range, 70 m, Field Upgrade) | F5-UPG-QSFP28-SR4 |
| VIPRION and BIG-IP QSFP28 100GBASE-LR4 Transceiver (Long Range, 10 km, Field Upgrade) | F5-UPG-QSFP28-LR4 |
| VIPRION & BIG-IP QSFP+ 40GBASE-SR4 Transceiver (Short Range, 100 m, Field Upgrade) | F5-UPG-QSFP+SR4 |
| VIPRION & BIG-IP QSFP+ 40GBASE-LR4 Transceiver (Long Range, 10 km, Field Upgrade) | F5-UPG-QSFP+LR4 |

BIG-IP BETTER AND BEST BUNDLES

License application services through product bundles

F5's product bundles let you choose from available modules, with standardised images and fewer configurations. Plus, you can save up to 65% over buying the modules as individual components. Get advanced traffic management, optimisation, and security services on one BIG-IP platform. With Good, Better, and Best options, you can find the right fit to address your business challenges.



Good



Better



Best

- **Good:** Intelligent local traffic management for increased operational and peak network performance of applications
- **Better:** The capabilities of Good, along with advanced application delivery optimisation
- **Best:** The capabilities of Better, plus advanced access management and application security

BIG-IP Virtual Edition Best Bundles

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Best Bundle 10 Gbps (v12.1.x - v18.x) | F5-BIG-VE-BT-10G-V18 |
| BIG-IP Virtual Edition Best Bundle 5 Gbps (v12.1.x - v18.x) | F5-BIG-VE-BT-5G-V18 |
| BIG-IP Virtual Edition Best Bundle 3 Gbps (v12.1.x - v18.x) | F5-BIG-VE-BT-3G-V18 |
| BIG-IP Virtual Edition Best Bundle 1 Gbps (v12.1.x - v18.x) | F5-BIG-VE-BT-1G-V18 |
| BIG-IP Virtual Edition Best Bundle 200 Mbps (v12.1.x - v18.x) | F5-BIG-VE-BT-200MV18 |
| BIG-IP Virtual Edition Best Bundle 25 Mbps (v12.1.x - v18.x) | F5-BIG-VE-BT-25M-V18 |
| BIG-IP Virtual Edition Best Bundle License Upgrade (5 Gbps to 10 Gbps) | F5-ADD-BIG-VEUPBT10G |
| BIG-IP Virtual Edition Best Bundle License Upgrade (3 Gbps to 5 Gbps) | F5-ADD-BIG-VE-UPBT5G |
| BIG-IP Virtual Edition Best Bundle License Upgrade (1 Gbps to 3 Gbps) | F5-ADD-BIG-VE-UPBT3G |
| BIG-IP Virtual Edition Best Bundle License Upgrade (200 Mbps to 1 Gbps) | F5-ADD-BIG-VE-UPBT1G |
| BIG-IP Virtual Edition Best Bundle License Upgrade (25 Mbps to 200 Mbps) | F5-ADD-BIGVEUPBT200M |

BIG-IP Virtual Edition Better Bundles

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Better Bundle 10 Gbps (v12.1.x - v18.x) | F5-BIG-VE-BR-10G-V18 |
| BIG-IP Virtual Edition Better Bundle 5 Gbps (v12.1.x - v18.x) | F5-BIG-VE-BR-5G-V18 |
| BIG-IP Virtual Edition Better Bundle 3 Gbps (v12.1.x - v18.x) | F5-BIG-VE-BR-3G-V18 |
| BIG-IP Virtual Edition Better Bundle 1 Gbps (v12.1.x - v18.x) | F5-BIG-VE-BR-1G-V18 |
| BIG-IP Virtual Edition Better Bundle 200 Mbps (v12.1.x - v18.x) | F5-BIG-VE-BR-200MV18 |
| BIG-IP Virtual Edition Better Bundle 25 Mbps (v12.1.x - v18.x) | F5-BIG-VE-BR-25M-V18 |
| BIG-IP Virtual Edition Better Bundle License Upgrade (5 Gbps to 10 Gbps) | F5-ADD-BIG-VEUPBR10G |
| BIG-IP Virtual Edition Better Bundle License Upgrade (3 Gbps to 5 Gbps) | F5-ADD-BIG-VE-UPBR5G |
| BIG-IP Virtual Edition Better Bundle License Upgrade (1 Gbps to 3 Gbps) | F5-ADD-BIG-VE-UPBR3G |
| BIG-IP Virtual Edition Better Bundle License Upgrade (200 Mbps to 1 Gbps) | F5-ADD-BIG-VE-UPBR1G |
| BIG-IP Virtual Edition Better Bundle License Upgrade (25 Mbps to 200 Mbps) | F5-ADD-BIGVEUPBR200M |

Best Bundle Upgrades for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Better to Best Bundle Upgrade 10 Gbps | F5-ADDBIGVE-BRBT-10G |
| BIG-IP Virtual Edition Better to Best Bundle Upgrade 5 Gbps | F5-ADD-BIGVE-BRBT-5G |
| BIG-IP Virtual Edition Better to Best Bundle Upgrade 3 Gbps | F5-ADD-BIGVE-BRBT-3G |
| BIG-IP Virtual Edition Better to Best Bundle Upgrade 1 Gbps | F5-ADD-BIGVE-BRBT-1G |
| BIG-IP Virtual Edition Better to Best Bundle Upgrade 200 Mbps | F5-ADDBIGVEBRBT-200M |
| BIG-IP Virtual Edition Better to Best Bundle Upgrade 25 Mbps | F5-ADDBIGVE-BRBT-25M |
| BIG-IP Virtual Edition Local Traffic Manager to Best Bundle Upgrade 10 Gbps | F5-ADD-BIG-VE-GBT10G |
| BIG-IP Virtual Edition Local Traffic Manager to Best Bundle Upgrade 5 Gbps | F5-ADD-BIG-VE-GBT-5G |
| BIG-IP Virtual Edition Local Traffic Manager to Best Bundle Upgrade 3 Gbps | F5-ADD-BIG-VE-GBT-3G |
| BIG-IP Virtual Edition Local Traffic Manager to Best Bundle Upgrade 1 Gbps | F5-ADD-BIG-VE-GBT-1G |
| BIG-IP Virtual Edition Local Traffic Manager to Best Bundle Upgrade 200 Mbps | F5-ADD-BIG-VEGBT200M |
| BIG-IP Virtual Edition Local Traffic Manager to Best Bundle Upgrade 25 Mbps | F5-ADD-BIG-VE-GBT25M |

Better Bundle Upgrades for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Local Traffic Manager to Better Bundle Upgrade 10 Gbps | F5-ADD-BIG-VE-GBR10G |
| BIG-IP Virtual Edition Local Traffic Manager to Better Bundle Upgrade 5 Gbps | F5-ADD-BIG-VE-GBR-5G |
| BIG-IP Virtual Edition Local Traffic Manager to Better Bundle Upgrade 3 Gbps | F5-ADD-BIG-VE-GBR-3G |
| BIG-IP Virtual Edition Local Traffic Manager to Better Bundle Upgrade 1 Gbps | F5-ADD-BIG-VE-GBR-1G |
| BIG-IP Virtual Edition Local Traffic Manager to Better Bundle Upgrade 200 Mbps | F5-ADD-BIG-VEGBR200M |
| BIG-IP Virtual Edition Local Traffic Manager to Better Bundle Upgrade 25 Mbps | F5-ADD-BIG-VE-GBR25M |

BIG-IP iSeries Best Bundles

| Description | Part Number |
|--|---------------------|
| BIG-IP i15800 Best Bundle (512 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BT-i15800 |
| BIG-IP i11800 Best Bundle Turbo SSL (256 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BT-i11800-DS |
| BIG-IP i11800 Best Bundle (256 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BT-i11800 |
| BIG-IP i10800 Best Bundle (128 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BT-i10800-D |
| BIG-IP i10800 Best Bundle (128 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BT-i10800 |
| BIG-IP i7800 Best Bundle (96 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BT-i7800-D |
| BIG-IP i7800 Best Bundle (96 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BT-i7800 |
| BIG-IP i5800 Best Bundle (48 GB Memory, SSD, Max SSL, Max Compression, vCMP) | F5-BIG-BT-i5800 |
| BIG-IP i4800 Best Bundle (32 GB Memory, Max SSL, Max Compression) | F5-BIG-BT-i4800 |
| BIG-IP i2800 Best Bundle (16 GB Memory, Max SSL, Max Compression) | F5-BIG-BT-i2800 |
| BIG-IP i15600 Best Bundle (512 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-BT-i15600 |
| BIG-IP i11600 Best Bundle Turbo SSL (256 GB Memory, Dual SSD, Base SSL, Base Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BT-i11600-DS |
| BIG-IP i11600 Best Bundle (256 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-BT-i11600 |
| BIG-IP i11400 Best Bundle Turbo SSL (256 GB Memory, Dual SSD, Base SSL, Base Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BT-i11400-DS |
| BIG-IP i10600 Best Bundle (128 GB Memory, Dual SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-BT-i10600-D |
| BIG-IP i10600 Best Bundle (128 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-BT-i10600 |
| BIG-IP i7600 Best Bundle (96 GB Memory, Dual SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-BT-i7600-D |
| BIG-IP i7600 Best Bundle (96 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-BT-i7600 |
| BIG-IP i5600 Best Bundle (48 GB Memory, SSD, Base SSL, Base Compression) | F5-BIG-BT-i5600 |
| BIG-IP i4600 Best Bundle (32 GB Memory, Base SSL, Base Compression) | F5-BIG-BT-i4600 |
| BIG-IP i7820 Best Bundle FIPS (96 GB Memory, Dual SSD, Hardware Security Module, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BT-i7820-DF |
| BIG-IP i5820 Best Bundle FIPS (48 GB Memory, Dual SSD, Hardware Security Module, Max SSL, Max Compression, vCMP) | F5-BIG-BT-i5820-DF |
| BIG-IP i0350v Best Bundle FIPS (128 GB Memory, SSD, Hardware Security Module, Max SSL, Max Compression, Dual AC Power Supplies) | F5-BIG-BT-i0350V-F |
| BIG-IP i0150s Best Bundle NEBS (128 GB Memory, SSD, Max SSL, Max Compression, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-BT-i0150S-N |
| BIG-IP i0350v Best Bundle NEBS (128 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-BT-i0350V-N |

BIG-IP iSeries Better Bundles

| Description | Part Number |
|--|---------------------|
| BIG-IP i15800 Better Bundle (512 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BR-i15800 |
| BIG-IP i11800 Better Bundle Turbo SSL (256 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BR-i11800-DS |
| BIG-IP i11800 Better Bundle (256 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BR-i11800 |
| BIG-IP i10800 Better Bundle (128 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BR-i10800-D |
| BIG-IP i10800 Better Bundle (128 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BR-i10800 |
| BIG-IP i7800 Better Bundle (96 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BR-i7800-D |
| BIG-IP i7800 Better Bundle (96 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BR-i7800 |
| BIG-IP i5800 Better Bundle (48 GB Memory, SSD, Max SSL, Max Compression, vCMP) | F5-BIG-BR-i5800 |
| BIG-IP i4800 Better Bundle (32 GB Memory, Max SSL, Max Compression) | F5-BIG-BR-i4800 |
| BIG-IP i2800 Better Bundle (16 GB Memory, Max SSL, Max Compression) | F5-BIG-BR-i2800 |
| BIG-IP i15600 Better Bundle (512 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-BR-i15600 |
| BIG-IP i11600 Better Bundle Turbo SSL (256 GB Memory, Dual SSD, Base SSL, Base Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BR-i11600-DS |
| BIG-IP i11600 Better Bundle (256 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-BR-i11600 |
| BIG-IP i11400 Better Bundle Turbo SSL (256 GB Memory, Dual SSD, Base SSL, Base Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BR-i11400-DS |
| BIG-IP i10600 Better Bundle (128 GB Memory, Dual SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-BR-i10600-D |
| BIG-IP i10600 Better Bundle (128 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-BR-i10600 |
| BIG-IP i7600 Better Bundle (96 GB Memory, Dual SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-BR-i7600-D |
| BIG-IP i7600 Better Bundle (96 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-BR-i7600 |
| BIG-IP i5600 Better Bundle (48 GB Memory, SSD, Base SSL, Base Compression) | F5-BIG-BR-i5600 |
| BIG-IP i4600 Better Bundle (32 GB Memory, Base SSL, Base Compression) | F5-BIG-BR-i4600 |
| BIG-IP i7820 Better Bundle FIPS (96 GB Memory, Dual SSD, Hardware Security Module, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-BR-i7820-DF |
| BIG-IP i5820 Better Bundle FIPS (48 GB Memory, Dual SSD, Hardware Security Module, Max SSL, Max Compression, vCMP) | F5-BIG-BR-i5820-DF |
| BIG-IP i0350v Better Bundle FIPS (128 GB Memory, SSD, Hardware Security Module, Max SSL, Max Compression, Dual AC Power Supplies) | F5-BIG-BR-i0350V-F |
| BIG-IP i0150s Better Bundle NEBS (128 GB Memory, SSD, Max SSL, Max Compression, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-BR-i0150S-N |
| BIG-IP i0350v Better Bundle NEBS (128 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-BR-i0350V-N |

Best Bundle Upgrades for BIG-IP iSeries

| Description | Part Number |
|--|----------------------|
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i15800 | F5-ADD-BIG-GBT1158XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i11800 | F5-ADD-BIG-GBT1118XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i10800 | F5-ADD-BIG-GBT1108XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i7800 | F5-ADD-BIG-GBT-I78XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i5800 | F5-ADD-BIG-GBT-I58XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i4800 | F5-ADD-BIG-GBT-I48XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i2800 | F5-ADD-BIG-GBT-I28XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i15600 | F5-ADD-BIG-GBT1156XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i11600 | F5-ADD-BIG-GBT1116XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i11400 | F5-ADD-BIG-GBT1114XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i10600 | F5-ADD-BIG-GBT1106XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i7600 | F5-ADD-BIG-GBT-I76XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i5600 | F5-ADD-BIG-GBT-I56XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for i4600 | F5-ADD-BIG-GBT-I46XX |
| BIG-IP Local Traffic Manager to Best Bundle Upgrade for 10X5Xs | F5-ADD-BIG-GBT100X0S |
| BIG-IP Better to Best Bundle Upgrade for i15800 | F5-ADD-BIGBRBT1158XX |
| BIG-IP Better to Best Bundle Upgrade for i11800 | F5-ADD-BIGBRBT1118XX |
| BIG-IP Better to Best Bundle Upgrade for i10800 | F5-ADD-BIGBRBT1108XX |
| BIG-IP Better to Best Bundle Upgrade for i7800 | F5-ADD-BIG-BRBTI78XX |
| BIG-IP Better to Best Bundle Upgrade for i5800 | F5-ADD-BIG-BRBTI58XX |
| BIG-IP Better to Best Bundle Upgrade for i4800 | F5-ADD-BIG-BRBTI48XX |
| BIG-IP Better to Best Bundle Upgrade for i2800 | F5-ADD-BIG-BRBTI28XX |
| BIG-IP Better to Best Bundle Upgrade for i15600 | F5-ADD-BIGBRBT1156XX |
| BIG-IP Better to Best Bundle Upgrade for i11600 | F5-ADD-BIGBRBT1116XX |
| BIG-IP Better to Best Bundle Upgrade for i11400 | F5-ADD-BIGBRBT1114XX |
| BIG-IP Better to Best Bundle Upgrade for i10600 | F5-ADD-BIGBRBT1106XX |
| BIG-IP Better to Best Bundle Upgrade for i7600 | F5-ADD-BIG-BRBTI76XX |
| BIG-IP Better to Best Bundle Upgrade for i5600 | F5-ADD-BIG-BRBTI56XX |
| BIG-IP Better to Best Bundle Upgrade for i4600 | F5-ADD-BIG-BRBTI46XX |
| BIG-IP Better to Best Bundle Upgrade for 10350v | F5-ADD-BIGBRBT10350V |
| BIG-IP Better to Best Bundle Upgrade for 10X5Xs | F5-ADDBIGBRBT-100X0S |

Better Bundle Upgrades for BIG-IP iSeries

| Description | Part Number |
|--|----------------------|
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i15800 | F5-ADD-BIG-GBR1158XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i11800 | F5-ADD-BIG-GBR1118XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i10800 | F5-ADD-BIG-GBR1108XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i7800 | F5-ADD-BIG-GBR-I78XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i5800 | F5-ADD-BIG-GBR-I58XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i4800 | F5-ADD-BIG-GBR-I48XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i2800 | F5-ADD-BIG-GBR-I28XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i15600 | F5-ADD-BIG-GBR1156XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i11600 | F5-ADD-BIG-GBR1116XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i11400 | F5-ADD-BIG-GBR1114XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i10600 | F5-ADD-BIG-GBR1106XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i7600 | F5-ADD-BIG-GBR-I76XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i5600 | F5-ADD-BIG-GBR-I56XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for i4600 | F5-ADD-BIG-GBR-I46XX |
| BIG-IP Local Traffic Manager to Better Bundle Upgrade for 10X5Xs | F5-ADD-BIG-GBR100X0S |

Better and Best Bundles for VIPRION

| Description | Part Number |
|--|----------------------|
| VIPRION Best Bundle for 4800 Chassis | F5-ADD-VPR-BT-C4800 |
| VIPRION Best Bundle for 4480 Chassis | F5-ADD-VPR-BT-C4400 |
| VIPRION Best Bundle for 2X00 Chassis | F5-ADD-VPR-BT-C2X00 |
| VIPRION Better Bundle for 4800 Chassis | F5-ADD-VPR-BR-C4800 |
| VIPRION Better Bundle for 4480 Chassis | F5-ADD-VPR-BR-C4400 |
| VIPRION Better Bundle for 2X00 Chassis | F5-ADD-VPR-BR-C2X00 |
| VIPRION Better to Best Bundle Upgrade for 4800 Chassis | F5-ADDVPR-BRBT-C4800 |
| VIPRION Better to Best Bundle Upgrade for 4480 Chassis | F5-ADDVPR-BRBT-C4400 |
| VIPRION Better to Best Bundle Upgrade for 2X00 Chassis | F5-ADDVPR-BRBT-C2X00 |

NGINX PLUS APPLICATION DELIVERY CONTROLLER

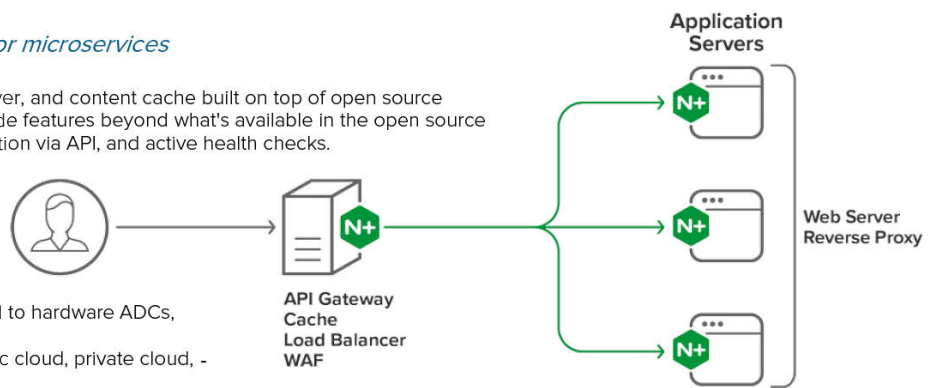
NGINX Plus

High-performance application delivery for microservices

NGINX Plus is a software load balancer, web server, and content cache built on top of open source NGINX. NGINX Plus has exclusive enterprise-grade features beyond what's available in the open source offering, including session persistence, configuration via API, and active health checks.

Key benefits

- Cost effective – Save more than 80% compared to hardware ADCs, without sacrificing performance or functionality
- Flexible and portable – Deploy anywhere: public cloud, private cloud, - bare metal, virtual machines, and containers
- Automated – Save time by performing common tasks through the built in NGINX Plus API



| Description | Part Number |
|--|----------------------|
| NGINX Plus with Enterprise Support (Per Instance, Per Month, 7x24 Support) | F5-NGX-PLS-ENT |
| NGINX Plus with Professional Support (Per Instance, Per Month, 7x24 Support) | F5-NGX-PLS-PRO |
| NGINX Plus with Basic Support (Per Instance, Per Month, 5x9 Support) | F5-NGX-PLS-BAS |
| NGINX Plus Non-Production with Enterprise Support (Per Instance, Per Month, 7x24 Support) | F5-NGX-PLS-ENT-NP |
| NGINX Plus Non-Production with Professional Support (Per Instance, Per Month, 7x24 Support) | F5-NGX-PLS-PRO-NP |
| NGINX Plus Ingress Controller with Enterprise Support (Per Instance, Per Month, 7x24 Support) | F5-NGX-PLS-IC-ENT |
| NGINX Plus Ingress Controller with Professional Support (Per Instance, Per Month, 7x24 Support) | F5-NGX-PLS-IC-PRO |
| NGINX Plus Ingress Controller Non-Production with Enterprise Support (Per Instance, Per Month, 7x24 Support) | F5-NGX-PLS-IC-ENT-NP |
| NGINX Plus Ingress Controller Non-Production with Professional Support (Per Instance, Per Month, 7x24 Support) | F5-NGX-PLS-IC-PRO-NP |

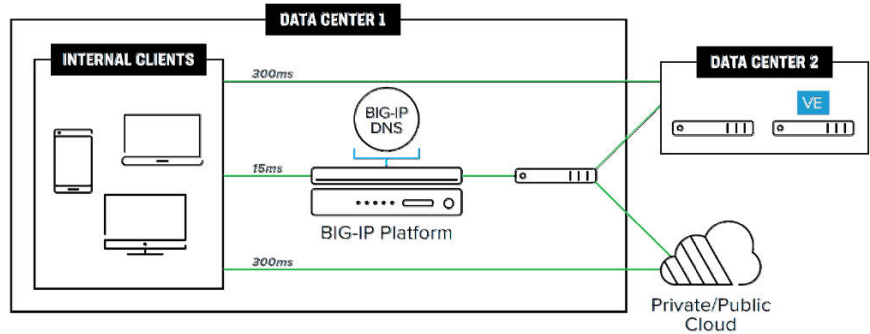
BIG-IP DNS DELIVERY

Hyperscale and protect DNS while optimising global application delivery

BIG-IP DNS improves the performance and availability of global applications by sending users to the closest or best-performing physical, virtual, or cloud environment. It also hyperscales and secures the DNS infrastructure from DDoS attacks. Global server load balancing (GSLB) distributes user application requests based on business policies, data center and cloud service conditions, user location, and application performance.

Key benefits

- Hyperscale DNS up to 100 million RPS
- Protect against DNS attacks to ensure availability
- Improve global application performance
- Deploy flexibly and scale as you grow
- Manage the network efficiently



BIG-IP Virtual Edition DNS

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition DNS License High Performance (GSLB, DNSSEC, Advanced Routing, 8 vCPUs, v13.1.0.2 - v18.x) | F5-BIG-DNS-VE-08-V18 |
| BIG-IP Virtual Edition DNS License (GSLB, DNSSEC, Advanced Routing, 250000 RPS, v12.1.x - v18.x) | F5-BIG-DNS-VE250KV18 |

DNS Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition DNS Max Add-on License High Performance (GSLB, DNSSEC, 4 vCPUs) | F5-ADD-BIG-DNS-VE-04 |
| BIG-IP Virtual Edition DNS Max Add-on License (GSLB, DNSSEC, 250000 RPS) | F5-ADD-BIG-DNS-VE250 |
| BIG-IP Virtual Edition DNS Base Add-on License (GSLB, DNSSEC, 1000 RPS) | F5-ADD-BIG-DNS-VE-1K |

BIG-IP iSeries DNS

| Description | Part Number |
|--|---------------------|
| BIG-IP i15800 DNS (512 GB Memory, SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-DNS-i15800 |
| BIG-IP i11800 DNS (256 GB Memory, SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-DNS-i11800 |
| BIG-IP i10800 DNS (128 GB Memory, Dual SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-DNS-i10800-D |
| BIG-IP i10800 DNS (128 GB Memory, SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-DNS-i10800 |
| BIG-IP i7800 DNS (96 GB Memory, Dual SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-DNS-i7800-D |
| BIG-IP i7800 DNS (96 GB Memory, SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-DNS-i7800 |
| BIG-IP i5800 DNS (48 GB Memory, SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, vCMP) | F5-BIG-DNS-i5800 |
| BIG-IP i4800 DNS (32 GB Memory, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing) | F5-BIG-DNS-i4800 |
| BIG-IP i2800 DNS (16 GB Memory, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing) | F5-BIG-DNS-i2800 |
| BIG-IP i15600 DNS (512 GB Memory, SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, Dual AC Power Supplies) | F5-BIG-DNS-i15600 |
| BIG-IP i11600 DNS (256 GB Memory, SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, Dual AC Power Supplies) | F5-BIG-DNS-i11600 |
| BIG-IP i10600 DNS (128 GB Memory, Dual SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, Dual AC Power Supplies) | F5-BIG-DNS-i10600-D |
| BIG-IP i10600 DNS (128 GB Memory, SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, Dual AC Power Supplies) | F5-BIG-DNS-i10600 |
| BIG-IP i7600 DNS (96 GB Memory, Dual SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, Dual AC Power Supplies) | F5-BIG-DNS-i7600-D |
| BIG-IP i7600 DNS (96 GB Memory, SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, Dual AC Power Supplies) | F5-BIG-DNS-i7600 |
| BIG-IP i5600 DNS (48 GB Memory, SSD, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing) | F5-BIG-DNS-i5600 |
| BIG-IP i4600 DNS (32 GB Memory, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing) | F5-BIG-DNS-i4600 |
| BIG-IP i2600 DNS (16 GB Memory, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing) | F5-BIG-DNS-i2600 |
| BIG-IP i7820 DNS FIPS (96 GB Memory, Dual SSD, Hardware Security Module, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-DNS-i7820-DF |

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|--|---------------------|
| BIG-IP i5820 DNS FIPS (48 GB Memory, Dual SSD, Hardware Security Module, Global Server Load Balancing, DNS Services, DNSSEC, Advanced Routing, vCMP) | F5-BIG-DNS-I5820-DF |
| BIG-IP 10150s DNS NEBS (128 GB Memory, SSD, GSLB, DNSSEC, Advanced Routing, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-DNS-10150S-N |
| BIG-IP 10350v DNS NEBS (128 GB Memory, SSD, GSLB, DNSSEC, Advanced Routing, vCMP, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-DNS-10350V-N |
| BIG-IP i2600 Link Controller (16 GB Memory) | F5-BIG-LC-I2600 |

DNS Add-on Modules for BIG-IP iSeries

| Description | Part Number |
|--|---------------------|
| BIG-IP DNS Max Module (GSLB, DNS, DNSSEC, Advanced Routing, Max RPS) | F5-ADD-BIG-DNS-M |
| BIG-IP DNS Base Module (GSLB, DNS, DNSSEC, 1000 RPS) | F5-ADD-BIG-DNS-1K |
| BIG-IP DNS Base to Max Module Upgrade (1000 RPS to Max RPS) | F5-ADD-BIG-DNS-1K-M |
| BIG-IP DNSSEC Module | F5-ADD-BIG-DNSSEC |
| BIG-IP DNS Module (DNS Services, Max RPS) | F5-ADD-BIG-DNS |
| BIG-IP Link Controller Module | F5-ADD-BIG-LC |

DNS Add-on Modules for VIPRION

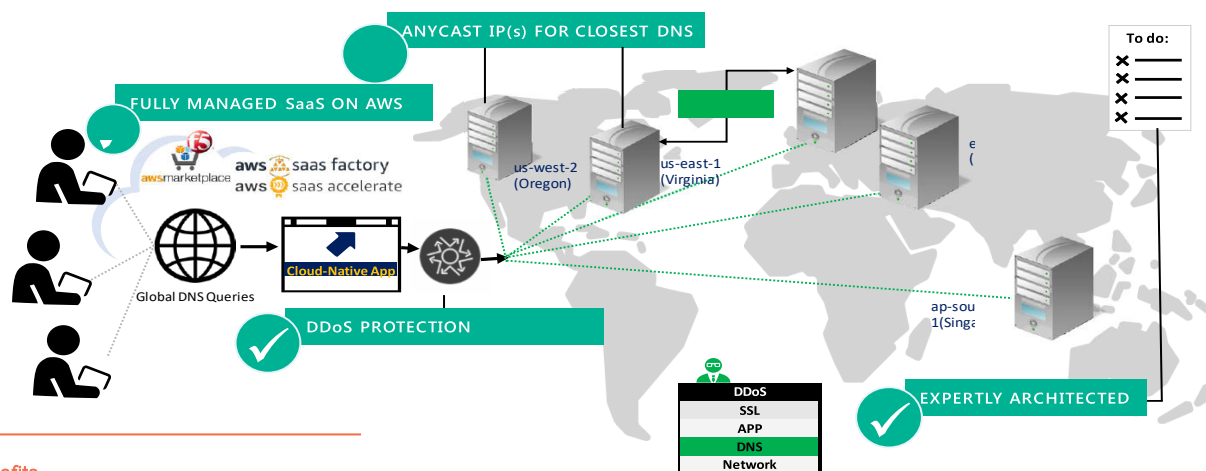
| Description | Part Number |
|--|----------------------|
| VIPRION DNS Max Module (GSLB, DNSSEC, Advanced Routing, Max RPS) | F5-ADD-VPR-DNS-M |
| VIPRION DNS Base Module (GSLB, DNSSEC, 1000 RPS) | F5-ADD-VPR-DNS-1K |
| VIPRION DNSSEC Module | F5-ADD-VPR-DNSSEC |
| VIPRION DNS Module (DNS Services, Max RPS) | F5-ADD-VPR-DNS |
| VIPRION Advanced Routing Module (RIP, OSPF, BGP, IS-IS, BFD) | F5-ADD-VPR-ROUTING |
| VIPRION Multicast Routing Module | F5-ADD-VPR-MULTICAST |

DNS CLOUD SERVICES

DNS Cloud Service

Cloud-native SaaS solutions for enhanced application delivery, security, and insight

With DNS Cloud Service, you can easily provision and configure DNS services within a few clicks and begin responding to queries within minutes of activation. DNS Cloud Service is a globally available, cloud-agnostic service that balances the benefits of cloud services with our in-depth DNS expertise in an easy-to-configure solution with built-in security – pay for what you use and scale on demand.



Key benefits

- Layers of security
- Simplicity and speed
- Global availability and diversity
- Flexible interfaces
- Auto-scale
- In-depth reporting
- Cost-effective
- Experience and support

| Description | Part Number |
|---|-------------------|
| DNS Cloud Service Bundle Small (Per Month, 10 Zones, 50 QPS) | F5-CS-DNS-BUN-S |
| DNS Cloud Service Bundle Medium (Per Month, 50 Zones, 250 QPS) | F5-CS-DNS-BUN-M |
| DNS Cloud Service Bundle Large (Per Month, 100 Zones, 500 QPS) | F5-CS-DNS-BUN-L |
| DNS Cloud Service Bundle X-Large (Per Month, 1000 Zones, 5000 QPS) | F5-CS-DNS-BUN-XL |
| DNS Cloud Service Bundle XX-Large (Per Month, 10000 Zones, 50000 QPS) | F5-CS-DNS-BUN-2XL |

DNS Load Balancer Cloud Service

Cloud-native SaaS solution for global load balancing

With F5 DNS Load Balancer Cloud Service, you can ensure high availability and application performance in minutes with a simple, intelligent service. DNS Load Balancer Cloud Service can help you easily perform geolocation-based routing and set up multi-cloud load balancing within minutes. You can drop it into your CI/CD pipeline or move even faster by automating everything using APIs.

Key benefits

- Intelligent load balancing for improved uptime and performance
- Location-based routing on a global network
- Managing services in an intuitive user interface or automating with declarative APIs

| Description | Part Number |
|--|----------------------|
| DNS Load Balancer Cloud Service Bundle Small (Per Month, 10 Load Balanced Records, 50 QPS, 20 Standard and 10 Advanced Checks) | F5-CS-DNS-LB-BUN-S |
| DNS Load Balancer Cloud Service Bundle Medium (Per Month, 50 Load Balanced Records, 250 QPS, 100 Standard and 50 Advanced Checks) | F5-CS-DNS-LB-BUN-M |
| DNS Load Balancer Cloud Service Bundle Large (Per Month, 100 Load Balanced Records, 500 QPS, 200 Standard and 100 Advanced Checks) | F5-CS-DNS-LB-BUN-L |
| DNS Load Balancer Cloud Service Bundle X-Large (Per Month, 500 Load Balanced Records, 5000 QPS, 1000 Standard and 500 Advanced Checks) | F5-CS-DNS-LB-BUN-XL |
| DNS Load Balancer Cloud Service Bundle XX-Large (Per Month, 1000 Load Balanced Records, 50000 QPS, 2000 Standard and 1000 Advanced Checks) | F5-CS-DNS-LB-BUN-2XL |

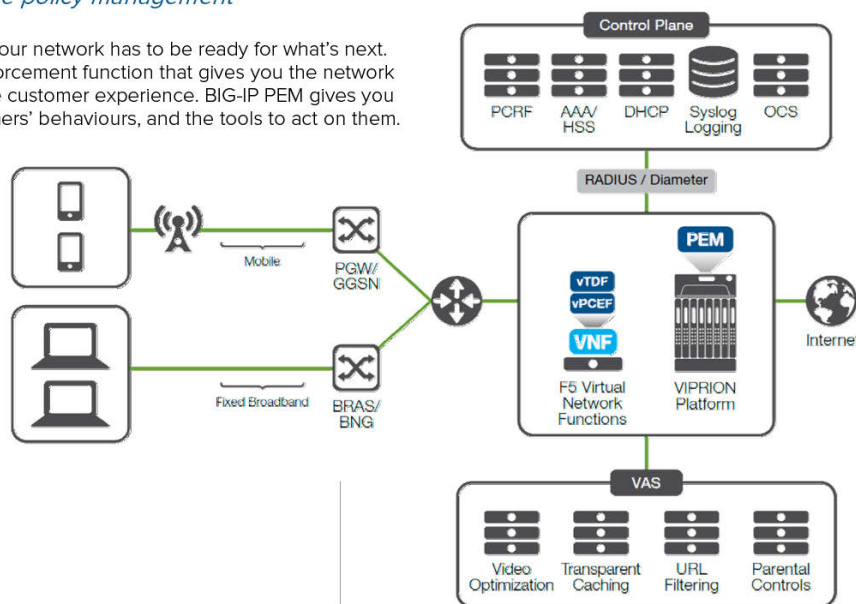
BIG-IP POLICY ENFORCEMENT MANAGER

Improve network performance through effective policy management

With the pervasiveness of mobile devices, IoT, and 5G, your network has to be ready for what's next. BIG-IP Policy Enforcement Manager (PEM) is a policy enforcement function that gives you the network flexibility and control you need while delivering a reliable customer experience. BIG-IP PEM gives you insight into your network's performance and your customers' behaviours, and the tools to act on them.

Key benefits

- Enable new business models and services
- Optimise network performance and video traffic
- Improve subscriber experience
- Consolidate services and reduce costs
- Achieve carrier-grade performance and scalability
- Roll out new services faster



BIG-IP Virtual Edition Policy Enforcement Manager (PEM)

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Policy Enforcement Manager High Performance (24 vCPUs, v13.x - v18.x) | F5-BIG-PEM-VE-24-V18 |
| BIG-IP Virtual Edition Policy Enforcement Manager High Performance (20 vCPUs, v13.x - v18.x) | F5-BIG-PEM-VE-20-V18 |
| BIG-IP Virtual Edition Policy Enforcement Manager High Performance (16 vCPUs, v13.x - v18.x) | F5-BIG-PEM-VE-16-V18 |
| BIG-IP Virtual Edition Policy Enforcement Manager High Performance (12 vCPUs, v13.x - v18.x) | F5-BIG-PEM-VE-12-V18 |
| BIG-IP Virtual Edition Policy Enforcement Manager High Performance (8 vCPUs, v13.x - v18.x) | F5-BIG-PEM-VE-08-V18 |
| BIG-IP Virtual Edition Policy Enforcement Manager 5 Gbps (v12.1.x - v18.x) | F5-BIG-PEM-VE-5G-V18 |
| BIG-IP Virtual Edition Policy Enforcement Manager 3 Gbps (v12.1.x - v18.x) | F5-BIG-PEM-VE-3G-V18 |
| BIG-IP Virtual Edition Policy Enforcement Manager 1 Gbps (v12.1.x - v18.x) | F5-BIG-PEM-VE-1G-V18 |
| BIG-IP Virtual Edition Policy Enforcement Manager 200 Mbps (v12.1.x - v18.x) | F5-BIG-PEM-VE200MV18 |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager High Performance (24 vCPUs, v13.x - v18.x) | F5-BIG-BPEM-VE-24V18 |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager High Performance (20 vCPUs, v13.x - v18.x) | F5-BIG-BPEM-VE-20V18 |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager High Performance (16 vCPUs, v13.x - v18.x) | F5-BIG-BPEM-VE-16V18 |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager High Performance (12 vCPUs, v13.x - v18.x) | F5-BIG-BPEM-VE-12V18 |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager High Performance (8 vCPUs, v13.x - v18.x) | F5-BIG-BPEM-VE-08V18 |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager 5 Gbps (v13.x - v18.x) | F5-BIG-BPEM-VE-5GV18 |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager 3 Gbps (v13.x - v18.x) | F5-BIG-BPEM-VE-3GV18 |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager 1 Gbps (v13.x - v18.x) | F5-BIG-BPEM-VE-1GV18 |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager 200 Mbps (v13.x - v18.x) | F5-BIG-BPEMVE200MV18 |

Policy Enforcement Manager (PEM) Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition Policy Enforcement Manager License Upgrade (3 Gbps to 5 Gbps) | F5-ADD-BIG-PEMVEUP5G |
| BIG-IP Virtual Edition Policy Enforcement Manager License Upgrade (1 Gbps to 3 Gbps) | F5-ADD-BIG-PEMVEUP3G |
| BIG-IP Virtual Edition Policy Enforcement Manager License Upgrade (200 Mbps to 1 Gbps) | F5-ADD-BIG-PEMVEUP1G |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager License Upgrade (3 Gbps to 5 Gbps) | F5-ADD-BIGBPEMVEUP5G |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager License Upgrade (1 Gbps to 3 Gbps) | F5-ADD-BIGBPEMVEUP3G |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager License Upgrade (200 Mbps to 1 Gbps) | F5-ADD-BIGBPEMVEUP1G |
| BIG-IP Virtual Edition Policy Enforcement Manager Add-on License High Performance (4 vCPUs) | F5-ADD-BIG-PEM-VE-04 |
| BIG-IP Virtual Edition Policy Enforcement Manager Add-on License 5 Gbps | F5-ADD-BIG-PEM-VE5G |
| BIG-IP Virtual Edition Policy Enforcement Manager Add-on License 3 Gbps | F5-ADD-BIG-PEM-VE3G |
| BIG-IP Virtual Edition Policy Enforcement Manager Add-on License 1 Gbps | F5-ADD-BIG-PEM-VE1G |
| BIG-IP Virtual Edition Policy Enforcement Manager Add-on License 200 Mbps | F5-ADD-BIG-PEMVE200M |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager Add-on License High Performance (4 vCPUs) | F5-ADD-BIG-BPEM-VE04 |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager Add-on License 5 Gbps | F5-ADD-BIG-BPEM-VE5G |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager Add-on License 3 Gbps | F5-ADD-BIG-BPEM-VE3G |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager Add-on License 1 Gbps | F5-ADD-BIG-BPEM-VE1G |
| BIG-IP Virtual Edition Basic Policy Enforcement Manager Add-on License 200 Mbps | F5-ADD-BIGBPEMVE200M |
| BIG-IP Virtual Edition Subscriber Discovery Add-on License High Performance | F5-ADD-BIG-SD-VE-HP |
| BIG-IP Virtual Edition Subscriber Discovery Add-on License 5 Gbps | F5-ADD-BIG-SD-VE-5G |

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| BIG-IP Virtual Edition Subscriber Discovery Add-on License 3 Gbps | F5-ADD-BIG-SD-VE-3G |
| BIG-IP Virtual Edition Subscriber Discovery Add-on License 1 Gbps | F5-ADD-BIG-SD-VE-1G |
| BIG-IP Virtual Edition Subscriber Discovery Add-on License 200 Mbps | F5-ADD-BIG-SD-VE200M |
| BIG-IP Virtual Edition Dynamic Policy Provisioning Add-on License High Performance | F5-ADD-BIG-DPP-VE-HP |
| BIG-IP Virtual Edition Dynamic Policy Provisioning Add-on License 5 Gbps | F5-ADD-BIG-DPP-VE-5G |
| BIG-IP Virtual Edition Dynamic Policy Provisioning Add-on License 3 Gbps | F5-ADD-BIG-DPP-VE-3G |
| BIG-IP Virtual Edition Dynamic Policy Provisioning Add-on License 1 Gbps | F5-ADD-BIG-DPP-VE-1G |
| BIG-IP Virtual Edition Dynamic Policy Provisioning Add-on License 200 Mbps | F5-ADD-BIG-DPPVE200M |
| BIG-IP Virtual Edition Traffic Classification Add-on License High Performance | F5-ADD-BIG-TC-VE-HP |
| BIG-IP Virtual Edition Traffic Classification Add-on License 5 Gbps | F5-ADD-BIG-TC-VE-5G |
| BIG-IP Virtual Edition Traffic Classification Add-on License 3 Gbps | F5-ADD-BIG-TC-VE-3G |
| BIG-IP Virtual Edition Traffic Classification Add-on License 1 Gbps | F5-ADD-BIG-TC-VE-1G |
| BIG-IP Virtual Edition Traffic Classification Add-on License 200 Mbps | F5-ADD-BIG-TC-VE200M |
| BIG-IP Virtual Edition Traffic Classification Add-on License High Performance for Basic Policy Enforcement Manager | F5-ADD-BIG-BPTC-VEHP |
| BIG-IP Virtual Edition Traffic Classification Add-on License 5 Gbps for Basic Policy Enforcement Manager | F5-ADD-BIG-BPTC-VE5G |
| BIG-IP Virtual Edition Traffic Classification Add-on License 3 Gbps for Basic Policy Enforcement Manager | F5-ADD-BIG-BPTC-VE3G |
| BIG-IP Virtual Edition Traffic Classification Add-on License 1 Gbps for Basic Policy Enforcement Manager | F5-ADD-BIG-BPTC-VE1G |
| BIG-IP Virtual Edition Traffic Classification Add-on License 200 Mbps for Basic Policy Enforcement Manager | F5-ADD-BIGBPTCVE200M |

URL Filtering Subscription Licenses for BIG-IP Virtual Edition Policy Enforcement Manager (PEM)

| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition URL Filtering License for Policy Enforcement Manager (1-Year Subscription, High Performance) | F5-SBSBIGPEMURLVE41Y |
| BIG-IP Virtual Edition URL Filtering License for Policy Enforcement Manager (3-Year Subscription, High Performance) | F5-SBSBIGPEMURLVE43Y |
| BIG-IP Virtual Edition URL Filtering License for Policy Enforcement Manager (1-Year Subscription, 1 Gbps, 3 Gbps, and 5 Gbps) | F5-SBSBIGPEMURLVE21Y |
| BIG-IP Virtual Edition URL Filtering License for Policy Enforcement Manager (3-Year Subscription, 1 Gbps, 3 Gbps, and 5 Gbps) | F5-SBSBIGPEMURLVE23Y |
| BIG-IP Virtual Edition URL Filtering License for Policy Enforcement Manager (1-Year Subscription, 200 Mbps) | F5-SBSBIGPEMURLVE11Y |
| BIG-IP Virtual Edition URL Filtering License for Policy Enforcement Manager (3-Year Subscription, 200 Mbps) | F5-SBSBIGPEMURLVE13Y |

BIG-IP iSeries Policy Enforcement Manager (PEM)

| Description | Part Number |
|---|----------------------|
| BIG-IP i15800 Policy Enforcement Manager (512 GB Memory, SSD, Dual AC Power Supplies) | F5-BIG-PEM-i15800 |
| BIG-IP i11800 Policy Enforcement Manager Turbo SSL (256 GB Memory, Dual SSD, Dual AC Power Supplies) | F5-BIG-PEM-i11800-DS |
| BIG-IP i11800 Policy Enforcement Manager (256 GB Memory, SSD, Dual AC Power Supplies) | F5-BIG-PEM-i11800 |
| BIG-IP i10800 Policy Enforcement Manager (128 GB Memory, Dual SSD, Dual AC Power Supplies) | F5-BIG-PEM-i10800-D |
| BIG-IP i10800 Policy Enforcement Manager (128 GB Memory, SSD, Dual AC Power Supplies) | F5-BIG-PEM-i10800 |
| BIG-IP i7800 Policy Enforcement Manager (96 GB Memory, Dual SSD, Dual AC Power Supplies) | F5-BIG-PEM-i7800-D |
| BIG-IP i7800 Policy Enforcement Manager (96 GB Memory, SSD, Dual AC Power Supplies) | F5-BIG-PEM-i7800 |
| BIG-IP i5800 Policy Enforcement Manager (48 GB Memory, SSD) | F5-BIG-PEM-i5800 |
| BIG-IP 10350v Policy Enforcement Manager NEBS (128 GB Memory, SSD, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-PEM-10350V-N |

Policy Enforcement Manager (PEM) Add-on Modules for BIG-IP iSeries

| Description | Part Number |
|---|-----------------------|
| BIG-IP Policy Enforcement Manager Module for i15X00 | F5-ADD-BIG-PEM-i15XXX |
| BIG-IP Policy Enforcement Manager Module for i11X00 | F5-ADD-BIG-PEM-i11XXX |
| BIG-IP Policy Enforcement Manager Module for i10X00 | F5-ADD-BIG-PEM-i10XXX |
| BIG-IP Policy Enforcement Manager Module for i7X00 | F5-ADD-BIG-PEM-i7XXX |
| BIG-IP Policy Enforcement Manager Module for i5X00 | F5-ADD-BIG-PEM-i5XXX |
| BIG-IP Policy Enforcement Manager Module for 10X5Xs | F5-ADD-BIG-PEM-10000 |
| BIG-IP Quota Management License for i15X00 Policy Enforcement Manager | F5-ADDBIGPEMQM-i15XXX |
| BIG-IP Quota Management License for i11X00 Policy Enforcement Manager | F5-ADDBIGPEMQM-i11XXX |
| BIG-IP Quota Management License for i10X00 Policy Enforcement Manager | F5-ADDBIGPEMQM-i10XXX |
| BIG-IP Quota Management License for i7X00 Policy Enforcement Manager | F5-ADD-BIGPEMQM-i7XXX |
| BIG-IP Quota Management License for i5X00 Policy Enforcement Manager | F5-ADD-BIGPEMQM-i5XXX |
| BIG-IP Quota Management License for 10X5Xs Policy Enforcement Manager | F5-ADDBIGPEMQM-10000 |

URL Filtering Subscription Licenses for BIG-IP iSeries Policy Enforcement Manager (PEM)

| Description | Part Number |
|--|----------------------|
| BIG-IP URL Filtering License for i15X00 Policy Enforcement Manager (1-Year Subscription) | F5-SBS-BIGPEMURL101Y |
| BIG-IP URL Filtering License for i15X00 Policy Enforcement Manager (3-Year Subscription) | F5-SBS-BIGPEMURL103Y |
| BIG-IP URL Filtering License for 10350v/i10X00/i11X00 Policy Enforcement Manager (1-Year Subscription) | F5-SBSBIGPEMURL-7-1Y |
| BIG-IP URL Filtering License for 10350v/i10X00/i11X00 Policy Enforcement Manager (3-Year Subscription) | F5-SBSBIGPEMURL-7-3Y |
| BIG-IP URL Filtering License for 10X5Xs/i7X00 Policy Enforcement Manager (1-Year Subscription) | F5-SBSBIGPEMURL-6-1Y |

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|--|----------------------|
| BIG-IP URL Filtering License for 10X5Xs/i7X00 Policy Enforcement Manager (3-Year Subscription) | F5-SBSBIGPEMURL-6-3Y |
| BIG-IP URL Filtering License for i5X00 Policy Enforcement Manager (1-Year Subscription) | F5-SBSBIGPEMURL-5-1Y |
| BIG-IP URL Filtering License for i5X00 Policy Enforcement Manager (3-Year Subscription) | F5-SBSBIGPEMURL-5-3Y |

VIPRION Policy Enforcement Manager (PEM)

| Description | Part Number |
|---|----------------------|
| VIPRION 4800 Policy Enforcement Manager Chassis (8 x Slots, 2 x AC Power Supplies) | F5-VPR-PEM-C4800-AC |
| VIPRION 4480 Policy Enforcement Manager Chassis (4 x Slots, 4 x AC Power Supplies) | F5-VPR-PEM-C4480-AC |
| VIPRION 4800 Basic Policy Enforcement Manager Chassis (8 x Slots, 2 x AC Power Supplies) | F5-VPR-BPEM-C4800-AC |
| VIPRION 4480 Basic Policy Enforcement Manager Chassis (4 x Slots, 4 x AC Power Supplies) | F5-VPR-BPEM-C4480-AC |
| VIPRION 4800 Policy Enforcement Manager Chassis NEBS (8 x Slots, 2 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-PEM-C4800-DCN |
| VIPRION 4480 Policy Enforcement Manager Chassis NEBS (4 x Slots, 4 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-PEM-C4480-DCN |
| VIPRION 4800 Basic Policy Enforcement Manager Chassis NEBS (8 x Slots, 2 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-BPEM-C4800DCN |
| VIPRION 4480 Basic Policy Enforcement Manager Chassis NEBS (4 x Slots, 4 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-BPEM-C4480DCN |
| VIPRION 4450 Policy Enforcement Manager Blade NEBS (256 GB Memory, 6 x QSFP+ Ports, 2 x QSFP28 Ports, NEBS Level 3 Certified) | F5-VPR-PEM-B4450N |
| VIPRION 4450 Basic Policy Enforcement Manager Blade NEBS (256 GB Memory, 6 x QSFP+ Ports, 2 x QSFP28 Ports, NEBS Level 3 Certified) | F5-VPR-BPEM-B4450N |
| VIPRION 2400 Policy Enforcement Manager Chassis (4 x Slots, 2 x AC Power Supplies) | F5-VPR-PEM-C2400-AC |
| VIPRION 2200 Policy Enforcement Manager Chassis (2 x Slots, 2 x AC Power Supplies) | F5-VPR-PEM-C2200-AC |
| VIPRION 2400 Basic Policy Enforcement Manager Chassis (4 x Slots, 2 x AC Power Supplies) | F5-VPR-BPEM-C2400-AC |
| VIPRION 2200 Basic Policy Enforcement Manager Chassis (2 x Slots, 2 x AC Power Supplies) | F5-VPR-BPEM-C2200-AC |
| VIPRION 2200 Policy Enforcement Manager Chassis (2 x Slots, 2 x DC Power Supplies) | F5-VPR-PEM-C2200-DC |
| VIPRION 2200 Basic Policy Enforcement Manager Chassis (2 x Slots, 2 x DC Power Supplies) | F5-VPR-BPEM-C2200-DC |
| VIPRION 2250 Policy Enforcement Manager Blade (64 GB Memory, SSD, 4 x QSFP+ Ports) | F5-VPR-PEM-B2250 |
| VIPRION 2150 Policy Enforcement Manager Blade (32 GB Memory, SSD, 8 x SFP+ Ports with 2 x 10GBASE-SR Transceivers included) | F5-VPR-PEM-B2150 |
| VIPRION 2250 Basic Policy Enforcement Manager Blade (64 GB Memory, SSD, 4 x QSFP+ Ports) | F5-VPR-BPEM-B2250 |
| VIPRION 2150 Basic Policy Enforcement Manager Blade (32 GB Memory, SSD, 8 x SFP+ Ports with 2 x 10GBASE-SR Transceivers included) | F5-VPR-BPEM-B2150 |

Policy Enforcement Manager (PEM) Add-on Modules for VIPRION

| Description | Part Number |
|--|----------------------|
| VIPRION Policy Enforcement Manager Module for 4800 Chassis | F5-ADD-VPR-PEM-C4800 |
| VIPRION Policy Enforcement Manager Module for 4480 Chassis | F5-ADD-VPR-PEM-C4480 |
| VIPRION Policy Enforcement Manager Module for 2X00 Chassis | F5-ADD-VPR-PEM-C2400 |
| VIPRION Basic Policy Enforcement Manager Module for 4800 Chassis | F5-ADD-VPR-BPEMC4800 |
| VIPRION Basic Policy Enforcement Manager Module for 4480 Chassis | F5-ADD-VPR-BPEMC44X0 |
| VIPRION Basic Policy Enforcement Manager Module for 2X00 Chassis | F5-ADD-VPR-BPEMC2X00 |
| VIPRION Subscriber Discovery License for 4800 Chassis | F5-ADD-VPR-SD-C4800 |
| VIPRION Subscriber Discovery License for 4480 Chassis | F5-ADD-VPR-SD-C44X0 |
| VIPRION Subscriber Discovery License for 2X00 Chassis | F5-ADD-VPR-SD-C2X00 |
| VIPRION Dynamic Policy Provisioning License for 4800 Chassis | F5-ADD-VPR-DPP-C4800 |
| VIPRION Dynamic Policy Provisioning License for 4480 Chassis | F5-ADD-VPR-DPP-C44X0 |
| VIPRION Dynamic Policy Provisioning License for 2X00 Chassis | F5-ADD-VPR-DPP-C2X00 |
| VIPRION Traffic Classification License for 4800 Chassis | F5-ADD-VPR-TC-C4800 |
| VIPRION Traffic Classification License for 4480 Chassis | F5-ADD-VPR-TC-C44X0 |
| VIPRION Traffic Classification License for 2X00 Chassis | F5-ADD-VPR-TC-C2X00 |
| VIPRION Traffic Classification License for 4800 Basic Policy Enforcement Manager | F5-ADD-VPR-BPTCC4800 |
| VIPRION Traffic Classification License for 4480 Basic Policy Enforcement Manager | F5-ADD-VPR-BPTCC44X0 |
| VIPRION Traffic Classification License for 2X00 Basic Policy Enforcement Manager | F5-ADD-VPR-BPTCC2X00 |
| VIPRION Quota Management License for 4800 Policy Enforcement Manager | F5-ADDVPRPEMQM-C4800 |
| VIPRION Quota Management License for 4480 Policy Enforcement Manager | F5-ADDVPRPEMQM-C4400 |
| VIPRION Quota Management License for 2X00 Policy Enforcement Manager | F5-ADDVPRPEMQM-C2X00 |

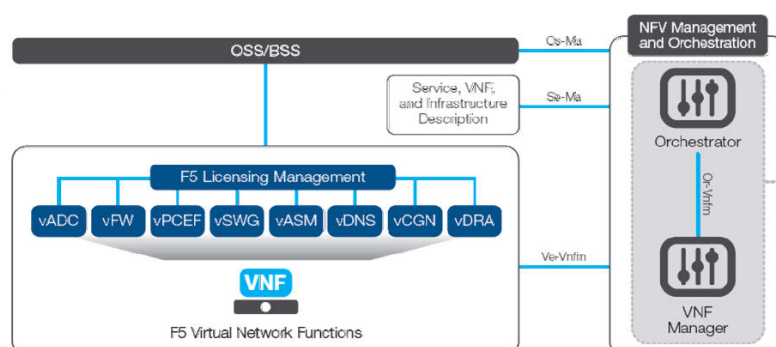
URL Filtering Subscription Licenses for VIPRION Policy Enforcement Manager (PEM)

| Description | Part Number |
|---|----------------------|
| VIPRION URL Filtering License for 4800 Policy Enforcement Manager (1-Year Subscription) | F5-SBSVPRPEMURL-4-1Y |
| VIPRION URL Filtering License for 4800 Policy Enforcement Manager (3-Year Subscription) | F5-SBSVPRPEMURL-4-3Y |
| VIPRION URL Filtering License for 4480 Policy Enforcement Manager (1-Year Subscription) | F5-SBSVPRPEMURL-3-1Y |
| VIPRION URL Filtering License for 4480 Policy Enforcement Manager (3-Year Subscription) | F5-SBSVPRPEMURL-3-3Y |
| VIPRION URL Filtering License for 2400 Policy Enforcement Manager (1-Year Subscription) | F5-SBSVPRPEMURL-2-1Y |
| VIPRION URL Filtering License for 2400 Policy Enforcement Manager (3-Year Subscription) | F5-SBSVPRPEMURL-2-3Y |
| VIPRION URL Filtering License for 2200 Policy Enforcement Manager (1-Year Subscription) | F5-SBSVPRPEMURL-1-1Y |
| VIPRION URL Filtering License for 2200 Policy Enforcement Manager (3-Year Subscription) | F5-SBSVPRPEMURL-1-3Y |

BIG-IP VIRTUALISED NETWORK FUNCTION BUNDLES

Packaged NFV solutions for service providers

Leveraging network functions virtualisation (NFV) helps lower costs, increase operational efficiency, and monetise new services. F5's prepackaged, preconfigured NFV solutions simplify the deployment and management of virtualised network. These integrated solution packages for service providers combine F5's leading Virtual Editions (VNFs) with automated lifecycle management in a capacity-based consumption model.



BIG-IP Virtual Edition Virtualized Network Function (VNF) Better and Best Bundles

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Virtualized Network Function Best Bundle 10 Gbps (v12.1.x - v18.x) | F5-BIG-VNF3-VE10GV18 |
| BIG-IP Virtual Edition Virtualized Network Function Better Bundle High Performance (12 vCPUs, v13.x - v18.x) | F5-BIG-VNF2-VE-12V18 |
| BIG-IP Virtual Edition Virtualized Network Function Better Bundle 10 Gbps (v12.1.x - v18.x) | F5-BIG-VNF2-VE10GV18 |

Virtualized Network Function (VNF) Better Bundles for BIG-IP Virtual Edition

| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition Virtualized Network Function Better Bundle Add-on License High Performance (4 vCPUs) | F5-ADD-BIG-VNF2-VE04 |
| BIG-IP Virtual Edition Local Traffic Manager to Virtualized Network Function Better Bundle Upgrade High Performance (4 vCPUs) | F5-ADD-BIG-GVNF2VE04 |

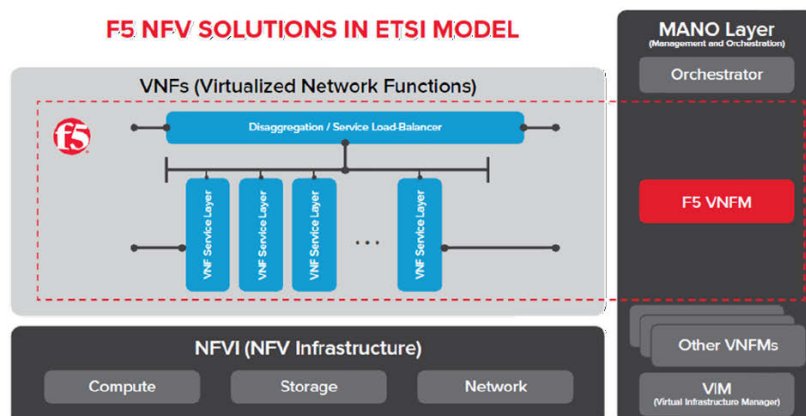
BIG-IP Virtual Edition VNF Manager

Automated full lifecycle management of VNFs

F5's VNF Manager controls the lifecycle of your VNFs by spinning them up or down as needed, or moving VNFs to different locations. It automates deployment, drives configuration, and manages autoscaling, updates, and upgrades.

Key benefits

- Lower costs
- Enhance security
- Speed time to market
- Provide automated full lifecycle management



| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition VNF Manager (50 Devices) | F5-BIG-VNF-MGR-VE |
| BIG-IP Virtual Edition Add-on License for VNF Manager (50 Devices) | F5-ADD-BIG-VNF-VE50 |
| BIG-IP Virtual Edition Add-on License for VNF Manager (500 Devices) | F5-ADD-BIG-VNF-VE500 |

APPLICATION SECURITY

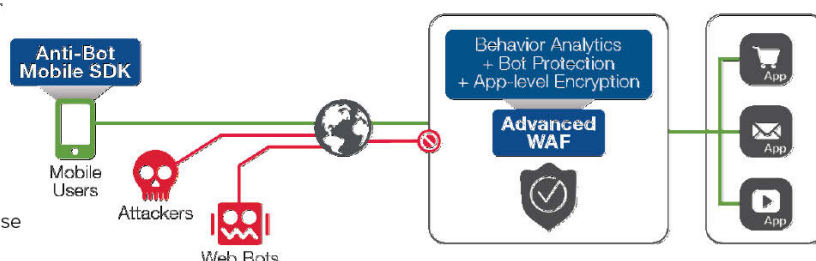
BIG-IP ADVANCED WEB APPLICATION FIREWALL

Identify and block attacks that other WAF solutions miss

Web application firewalls (WAF) protect your applications from data breaches by fixing vulnerabilities and stopping attacks. F5 Advanced Web Application Firewall protects against the latest wave of attacks using behavioural analytics, proactive bot defence, and application-layer encryption of sensitive data, such as credentials – without having to update the apps themselves.

Key benefits

- Protect web and mobile applications from malicious bots
- Safeguard credentials and sensitive data from theft and abuse
- Defend against sophisticated application denial-of-service
- Mitigate sophisticated threat campaigns
- Protect APIs



BIG-IP Cloud Edition Advanced Web Application Firewall (AWF)

| Description | Part Number |
|---|-----------------------|
| BIG-IP Cloud Edition Advanced Web Application Firewall 200 Mbps (per app, v13.1 - v18.x) | F5-BIG-AWF-PVE200MV18 |
| BIG-IP Cloud Edition Advanced Web Application Firewall 25 Mbps (per app, v13.1 - v18.x) | F5-BIG-AWF-PVE25MV18 |
| BIG-IP Cloud Edition Advanced Web Application Firewall Pool 200 Mbps (per app, 20 instances, v13.1 - v18.x) | F5-BIGAWFPVEP200MV18 |
| BIG-IP Cloud Edition Advanced Web Application Firewall Pool 25 Mbps (per app, 20 instances, v13.1 - v18.x) | F5-BIGAWFPVEP25MV18 |
| BIG-IP Cloud Edition Advanced Web Application Firewall Add-on License Pool 200 Mbps (per app, 10 instances) | F5-ADDBIGWAFVPEP200M |
| BIG-IP Cloud Edition Advanced Web Application Firewall Add-on License Pool 25 Mbps (per app, 10 instances) | F5-ADD-BIGWAFVPEP25M |

BIG-IP Cloud Edition Local Traffic Manager (LTM) and Advanced Web Application Firewall (AWF)

| Description | Part Number |
|---|-------------------------|
| BIG-IP Cloud Edition Local Traffic Manager and Advanced Web Application Firewall 200 Mbps (per app, v13.1 - v18.x) | F5-BIGLTMWAFVPE200MV18 |
| BIG-IP Cloud Edition Local Traffic Manager and Advanced Web Application Firewall 25 Mbps (per app, v13.1 - v18.x) | F5-BIGLTMWAFVPE25MV18 |
| BIG-IP Cloud Edition Local Traffic Manager and Advanced Web Application Firewall Pool 200 Mbps (per app, 20 instances, v13.1 - v18.x) | F5-BIGLTMWAFVPEP200MV18 |
| BIG-IP Cloud Edition Local Traffic Manager and Advanced Web Application Firewall Pool 25 Mbps (per app, 20 instances, v13.1 - v18.x) | F5-BIGLTMWAFVPEP25MV18 |
| BIG-IP Cloud Edition Local Traffic Manager and Advanced Web Application Firewall Add-on License Pool 200 Mbps (per app, 10 instances) | F5-ADDBIGLTMWAFVPEP200M |
| BIG-IP Cloud Edition Local Traffic Manager and Advanced Web Application Firewall Add-on License Pool 25 Mbps (per app, 10 instances) | F5-ADDBIGLTMWAFVPEP25M |

BIG-IP Virtual Edition Advanced Web Application Firewall (AWF)

| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition Advanced Web Application Firewall High Performance (20 vCPUs, v13.1.0.2 - v18.x) | F5-BIG-AWF-VE-20-V18 |
| BIG-IP Virtual Edition Advanced Web Application Firewall High Performance (16 vCPUs, v13.1.0.2 - v18.x) | F5-BIG-AWF-VE-16-V18 |
| BIG-IP Virtual Edition Advanced Web Application Firewall High Performance (12 vCPUs, v13.1.0.2 - v18.x) | F5-BIG-AWF-VE-12-V18 |
| BIG-IP Virtual Edition Advanced Web Application Firewall High Performance (8 vCPUs, v13.1.0.2 - v18.x) | F5-BIG-AWF-VE-08-V18 |
| BIG-IP Virtual Edition Advanced Web Application Firewall 3 Gbps (v13.1.0.2 - v18.x) | F5-BIG-AWF-VE-3G-V18 |
| BIG-IP Virtual Edition Advanced Web Application Firewall 1 Gbps (v13.1.0.2 - v18.x) | F5-BIG-AWF-VE-1G-V18 |
| BIG-IP Virtual Edition Advanced Web Application Firewall 200 Mbps (v13.1.0.2 - v18.x) | F5-BIG-AWF-VE200MV18 |
| BIG-IP Virtual Edition Advanced Web Application Firewall 25 Mbps (v13.1.0.2 - v18.x) | F5-BIG-AWF-VE-25MV18 |
| BIG-IP Virtual Edition Advanced Web Application Firewall License Upgrade (25 Mbps to 200 Mbps) | F5-ADDBIGAWFVEUP200M |
| BIG-IP Virtual Edition Advanced Web Application Firewall License Upgrade (200 Mbps to 1 Gbps) | F5-ADD-BIG-AWFVEUP1G |

Advanced Web Application Firewall (AWF) Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|-----------------------|
| BIG-IP Virtual Edition Advanced Web Application Firewall Add-on License High Performance (4 vCPUs) | F5-ADD-BIG-AWF-VE-04 |
| BIG-IP Virtual Edition Advanced Web Application Firewall Add-on License 3 Gbps | F5-ADD-BIG-AWF-VE-3G |
| BIG-IP Virtual Edition Advanced Web Application Firewall Add-on License 1 Gbps | F5-ADD-BIG-AWF-VE-1G |
| BIG-IP Virtual Edition Advanced Web Application Firewall Add-on License 200 Mbps | F5-ADD-BIG-AWFVE200M |
| BIG-IP Virtual Edition Advanced Web Application Firewall Add-on License 25 Mbps | F5-ADD-BIG-AWF-VE25M |
| BIG-IP Virtual Edition Application Security Manager to Advanced Web Application Firewall Add-on License Upgrade 1 Gbps | F5-ADD-BIGVEASMAWF1G |
| BIG-IP Virtual Edition Application Security Manager to Advanced Web Application Firewall Add-on License Upgrade 200 Mbps | F5-ADDBIGVEASMAWF200M |

BIG-IP iSeries Advanced Web Application Firewall (AWF)

| Description | Part Number |
|---|----------------------|
| BIG-IP i15800 Advanced Web Application Firewall (512 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-AWF-i15800 |
| BIG-IP i11800 Advanced Web Application Firewall Turbo SSL (256 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-AWF-i11800-DS |
| BIG-IP i11800 Advanced Web Application Firewall (256 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-AWF-i11800 |
| BIG-IP i10800 Advanced Web Application Firewall (128 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-AWF-i10800-D |
| BIG-IP i10800 Advanced Web Application Firewall (128 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-AWF-i10800 |
| BIG-IP i7800 Advanced Web Application Firewall (96 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-AWF-i7800-D |
| BIG-IP i7800 Advanced Web Application Firewall (96 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-AWF-i7800 |
| BIG-IP i5800 Advanced Web Application Firewall (48 GB Memory, SSD, Max SSL, Max Compression, vCMP) | F5-BIG-AWF-i5800 |
| BIG-IP i4800 Advanced Web Application Firewall (32 GB Memory, Max SSL, Max Compression) | F5-BIG-AWF-i4800 |
| BIG-IP i2800 Advanced Web Application Firewall (16 GB Memory, Max SSL, Max Compression) | F5-BIG-AWF-i2800 |
| BIG-IP i15600 Advanced Web Application Firewall (512 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-AWF-i15600 |
| BIG-IP i11600 Advanced Web Application Firewall Turbo SSL (256 GB Memory, Dual SSD, Base SSL, Base Compression, vCMP, Dual AC Power Supplies) | F5-BIG-AWF-i11600-DS |
| BIG-IP i11600 Advanced Web Application Firewall (256 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-AWF-i11600 |
| BIG-IP i11400 Advanced Web Application Firewall Turbo SSL (256 GB Memory, Dual SSD, Base SSL, Base Compression, vCMP, Dual AC Power Supplies) | F5-BIG-AWF-i11400-DS |
| BIG-IP i10600 Advanced Web Application Firewall (128 GB Memory, Dual SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-AWF-i10600-D |
| BIG-IP i10600 Advanced Web Application Firewall (128 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-AWF-i10600 |
| BIG-IP i7600 Advanced Web Application Firewall (96 GB Memory, Dual SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-AWF-i7600-D |
| BIG-IP i7600 Advanced Web Application Firewall (96 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-AWF-i7600 |
| BIG-IP i5600 Advanced Web Application Firewall (48 GB Memory, SSD, Base SSL, Base Compression) | F5-BIG-AWF-i5600 |
| BIG-IP i4600 Advanced Web Application Firewall (32 GB Memory, Base SSL, Base Compression) | F5-BIG-AWF-i4600 |
| BIG-IP i2600 Advanced Web Application Firewall (16 GB Memory, Base SSL, Base Compression) | F5-BIG-AWF-i2600 |
| BIG-IP i7820 Advanced Web Application Firewall FIPS (96 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-AWF-i7820-DF |
| BIG-IP i5820 Advanced Web Application Firewall FIPS (48 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP) | F5-BIG-AWF-i5820-DF |

Advanced Web Application Firewall (AWF) Add-on Modules for BIG-IP iSeries

| Description | Part Number |
|--|-----------------------|
| BIG-IP Advanced Web Application Firewall Module for i15X00 | F5-ADD-BIG-AWFi15XXX |
| BIG-IP Advanced Web Application Firewall Module for i11X00 | F5-ADD-BIG-AWFi11XXX |
| BIG-IP Advanced Web Application Firewall Module for i10X00 | F5-ADD-BIG-AWFi10XXX |
| BIG-IP Advanced Web Application Firewall Module for i7X00 | F5-ADD-BIG-AWFi7XXX |
| BIG-IP Advanced Web Application Firewall Module for i5X00 | F5-ADD-BIG-AWFi5XXX |
| BIG-IP Advanced Web Application Firewall Module for i4X00 | F5-ADD-BIG-AWFi4XXX |
| BIG-IP Advanced Web Application Firewall Module for i2X00 | F5-ADD-BIG-AWFi2XXX |
| BIG-IP Application Security Manager to Advanced Web Application Firewall Module Upgrade for i15X00 | F5-ADDBIGASMAWFi15XXX |
| BIG-IP Application Security Manager to Advanced Web Application Firewall Module Upgrade for i11X00 | F5-ADDBIGASMAWFi11XXX |
| BIG-IP Application Security Manager to Advanced Web Application Firewall Module Upgrade for i10X00 | F5-ADDBIGASMAWFi10XXX |
| BIG-IP Application Security Manager to Advanced Web Application Firewall Module Upgrade for i7X00 | F5-ADDBIGASMAWFi7XXX |
| BIG-IP Application Security Manager to Advanced Web Application Firewall Module Upgrade for i5X00 | F5-ADDBIGASMAWFi5XXX |
| BIG-IP Application Security Manager to Advanced Web Application Firewall Module Upgrade for i4X00 | F5-ADDBIGASMAWFi4XXX |
| BIG-IP Application Security Manager to Advanced Web Application Firewall Module Upgrade for i2X00 | F5-ADDBIGASMAWFi2XXX |

VIPRION Advanced Web Application Firewall (AWF)

| Description | Part Number |
|--|----------------------|
| VIPRION 4800 Advanced Web Application Firewall Chassis (8 x Slots, 2 x AC Power Supplies) | F5-VPR-AWF-C4800-AC |
| VIPRION 4480 Advanced Web Application Firewall Chassis (4 x Slots, 4 x AC Power Supplies) | F5-VPR-AWF-C4480-AC |
| VIPRION 4800 Advanced Web Application Firewall Chassis NEBS (8 x Slots, 2 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-AWF-C4800-DCN |
| VIPRION 4480 Advanced Web Application Firewall Chassis NEBS (4 x Slots, 4 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-AWF-C4480-DCN |
| VIPRION 4450 Advanced Web Application Firewall Blade NEBS (256 GB Memory, 6 x QSFP+ Ports, 2 x QSFP28 Ports, NEBS Level 3 Certified) | F5-VPR-AWF-B4450N |
| VIPRION 2400 Advanced Web Application Firewall Chassis (4 x Slots, 2 x AC Power Supplies) | F5-VPR-AWF-C2400-AC |
| VIPRION 2200 Advanced Web Application Firewall Chassis (2 x Slots, 2 x AC Power Supplies) | F5-VPR-AWF-C2200-AC |
| VIPRION 2200 Advanced Web Application Firewall Chassis (2 x Slots, 2 x DC Power Supplies) | F5-VPR-AWF-C2200-DC |
| VIPRION 2250 Advanced Web Application Firewall Blade (64 GB Memory, SSD, 4 x QSFP+ Ports) | F5-VPR-AWF-B2250 |
| VIPRION 2150 Advanced Web Application Firewall Blade (32 GB Memory, SSD, 8 x SFP+ Ports with 2 x 10GBASE-SR Transceivers included) | F5-VPR-AWF-B2150 |

Advanced Web Application Firewall (AWF) Add-on Modules for VIPRION

| Description | Part Number |
|---|----------------------|
| VIPRION Advanced Web Application Firewall Module for 4800 Chassis | F5-ADD-VPR-AWF-C4800 |
| VIPRION Advanced Web Application Firewall Module for 4480 Chassis | F5-ADD-VPR-AWF-C44X0 |
| VIPRION Advanced Web Application Firewall Module for 2X00 Chassis | F5-ADD-VPR-AWF-C2X00 |
| VIPRION Application Security Manager to Advanced Web Application Firewall Module Upgrade for 4800 Chassis | F5-ADDVPRASMAWFC4800 |
| VIPRION Application Security Manager to Advanced Web Application Firewall Module Upgrade for 4480 Chassis | F5-ADDVPRASMAWFC44X0 |
| VIPRION Application Security Manager to Advanced Web Application Firewall Module Upgrade for 2X00 Chassis | F5-ADDVPRASMAWFC2X00 |

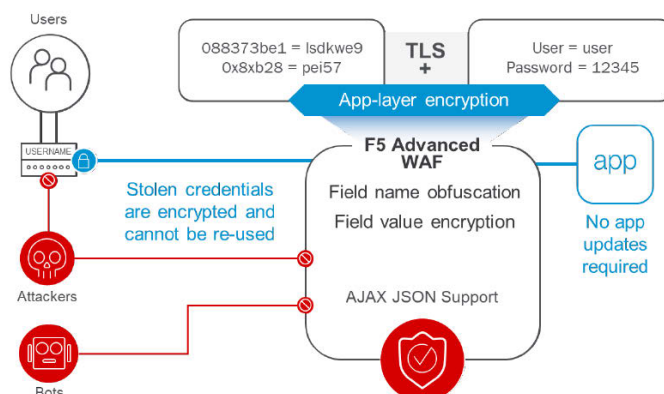
BIG-IP DATASAFE

Safeguard credentials and sensitive data from theft and abuse

DataSafe protects credentials and data from threats with application-level field encryption, beyond TLS encryption with protection against client-side vulnerabilities. Sensitive data from the user is automatically encrypted in the browser and remains encrypted until it's decrypted by DataSafe and securely passed to the application.

Key benefits

- Additional layer of protection for data and credentials
- Deployment without modifying applications
- Clientless and seamless to the end user



DataSafe Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition DataSafe Add-on License 10 Gbps | F5-ADD-BIG-DTS-VE10G |
| BIG-IP Virtual Edition DataSafe Add-on License 5 Gbps | F5-ADD-BIG-DTS-VE-5G |
| BIG-IP Virtual Edition DataSafe Add-on License 3 Gbps | F5-ADD-BIG-DTS-VE-3G |
| BIG-IP Virtual Edition DataSafe Add-on License 1 Gbps | F5-ADD-BIG-DTS-VE-1G |
| BIG-IP Virtual Edition DataSafe Add-on License 200 Mbps | F5-ADD-BIG-DTSVE200M |
| BIG-IP Virtual Edition DataSafe Add-on License 25 Mbps | F5-ADD-BIG-DTS-VE25M |

DataSafe Add-on Modules for BIG-IP iSeries

| Description | Part Number |
|-----------------------------------|----------------------|
| BIG-IP DataSafe Module for i15X00 | F5-ADD-BIG-DTSI15XXX |
| BIG-IP DataSafe Module for i11X00 | F5-ADD-BIG-DTSI11XXX |
| BIG-IP DataSafe Module for i10X00 | F5-ADD-BIG-DTSI10XXX |
| BIG-IP DataSafe Module for i7X00 | F5-ADD-BIG-DTS-i7XXX |
| BIG-IP DataSafe Module for i5X00 | F5-ADD-BIG-DTS-i5XXX |
| BIG-IP DataSafe Module for i4X00 | F5-ADD-BIG-DTS-i4XXX |
| BIG-IP DataSafe Module for i2X00 | F5-ADD-BIG-DTS-i2XXX |

DataSafe Add-on Modules for VIPRION

| Description | Part Number |
|--|----------------------|
| VIPRION DataSafe Module for 4800 Chassis | F5-ADD-VPR-DTS-C4800 |
| VIPRION DataSafe Module for 4480 Chassis | F5-ADD-VPR-DTS-C44X0 |
| VIPRION DataSafe Module for 2X00 Chassis | F5-ADD-VPR-DTS-C2X00 |

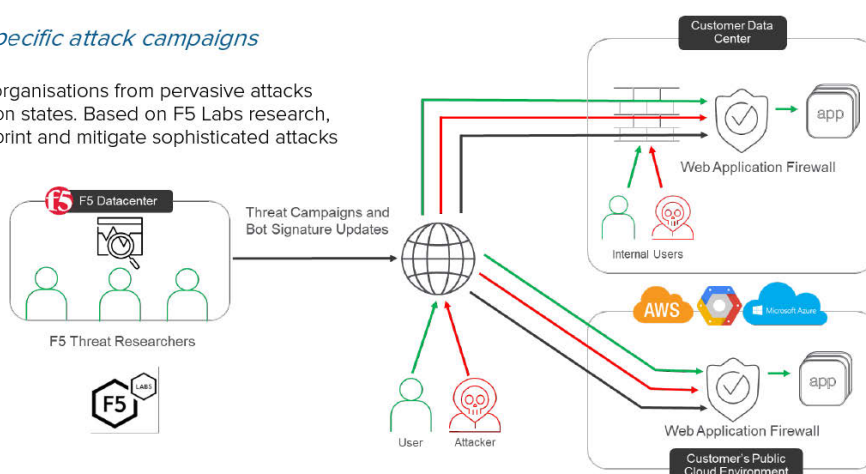
BIG-IP THREAT CAMPAIGNS

Accurate and automated mitigation against specific attack campaigns

Threat Campaigns offer targeted signatures to protect organisations from pervasive attacks that are often coordinated by organised crime and nation states. Based on F5 Labs research, Threat Campaigns provide critical intelligence to fingerprint and mitigate sophisticated attacks with nearly real-time updates.

Key benefits

- Accurate detection – Near zero false positives
- Actionable and relevant – Not just raw data feeds
- Faster mitigation – Lower operational risk
- Minimal IT effort – Reduced TCO



Threat Campaigns Subscription Licenses for BIG-IP Cloud Edition

| Description | Part Number |
|---|----------------------|
| BIG-IP Cloud Edition Threat Campaigns Add-on License for Advanced Web Application Firewall 200 Mbps and 25 Mbps (1-Year Subscription) | F5-SBS-BIGVE-TC-P1YR |
| BIG-IP Cloud Edition Threat Campaigns Add-on License for Advanced Web Application Firewall 200 Mbps and 25 Mbps (3-Year Subscription) | F5-SBS-BIGVE-TC-P3YR |

Threat Campaigns Subscription Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Threat Campaigns Add-on License for Advanced Web Application Firewall 3 Gbps and High Performance (1-Year Subscription) | F5-SBS-BIG-VE-TC31YR |
| BIG-IP Virtual Edition Threat Campaigns Add-on License for Advanced Web Application Firewall 3 Gbps and High Performance (3-Year Subscription) | F5-SBS-BIG-VE-TC33YR |
| BIG-IP Virtual Edition Threat Campaigns Add-on License for Advanced Web Application Firewall 1 Gbps (1-Year Subscription) | F5-SBS-BIG-VE-TC21YR |
| BIG-IP Virtual Edition Threat Campaigns Add-on License for Advanced Web Application Firewall 1 Gbps (3-Year Subscription) | F5-SBS-BIG-VE-TC23YR |
| BIG-IP Virtual Edition Threat Campaigns Add-on License for Advanced Web Application Firewall 200 Mbps and 25 Mbps (1-Year Subscription) | F5-SBS-BIG-VE-TC11YR |
| BIG-IP Virtual Edition Threat Campaigns Add-on License for Advanced Web Application Firewall 200 Mbps and 25 Mbps (3-Year Subscription) | F5-SBS-BIG-VE-TC13YR |

Threat Campaigns Subscription Licenses for BIG-IP iSeries

| Description | Part Number |
|---|---------------------|
| BIG-IP Threat Campaigns License for i15X00 Advanced Web Application Firewall (1-Year Subscription) | F5-SBS-BIG-TC-4-1YR |
| BIG-IP Threat Campaigns License for i15X00 Advanced Web Application Firewall (3-Year Subscription) | F5-SBS-BIG-TC-4-3YR |
| BIG-IP Threat Campaigns License for i11X00/i10X00/10350v/10X5Xs Advanced Web Application Firewall (1-Year Subscription) | F5-SBS-BIG-TC-3-1YR |
| BIG-IP Threat Campaigns License for i11X00/i10X00/10350v/10X5Xs Advanced Web Application Firewall (3-Year Subscription) | F5-SBS-BIG-TC-3-3YR |
| BIG-IP Threat Campaigns License for i7X00/i5X00 Advanced Web Application Firewall (1-Year Subscription) | F5-SBS-BIG-TC-2-1YR |
| BIG-IP Threat Campaigns License for i7X00/i5X00 Advanced Web Application Firewall (3-Year Subscription) | F5-SBS-BIG-TC-2-3YR |
| BIG-IP Threat Campaigns License for i4X00/i2X00 Advanced Web Application Firewall (1-Year Subscription) | F5-SBS-BIG-TC-1-1YR |
| BIG-IP Threat Campaigns License for i4X00/i2X00 Advanced Web Application Firewall (3-Year Subscription) | F5-SBS-BIG-TC-1-3YR |

Threat Campaigns Subscription Licenses for VIPRION

| Description | Part Number |
|---|---------------------|
| VIPRION Threat Campaigns License for 4800 Advanced Web Application Firewall (1-Year Subscription) | F5-SBS-VPR-TC-4-1YR |
| VIPRION Threat Campaigns License for 4800 Advanced Web Application Firewall (3-Year Subscription) | F5-SBS-VPR-TC-4-3YR |
| VIPRION Threat Campaigns License for 4480 Advanced Web Application Firewall (1-Year Subscription) | F5-SBS-VPR-TC-3-1YR |
| VIPRION Threat Campaigns License for 4480 Advanced Web Application Firewall (3-Year Subscription) | F5-SBS-VPR-TC-3-3YR |
| VIPRION Threat Campaigns License for 2400 Advanced Web Application Firewall (1-Year Subscription) | F5-SBS-VPR-TC-2-1YR |
| VIPRION Threat Campaigns License for 2400 Advanced Web Application Firewall (3-Year Subscription) | F5-SBS-VPR-TC-2-3YR |
| VIPRION Threat Campaigns License for 2200 Advanced Web Application Firewall (1-Year Subscription) | F5-SBS-VPR-TC-1-1YR |
| VIPRION Threat Campaigns License for 2200 Advanced Web Application Firewall (3-Year Subscription) | F5-SBS-VPR-TC-1-3YR |

BIG-IP ANTI-BOT MOBILE SDK

Protect web and mobile applications from malicious bots

Appdome's no-code mobile integration platform enables implementation of F5 Anti-Bot Mobile SDK in minutes, to quickly protect mobile applications. Both developers and non-developers can implement the full functionality of the SDK using a simple "click to implement" user interface.

Key benefits

- Protect what's important
- Rapidly deliver in-depth mobile bot detection
- Provide consistent experience across platforms
- Support multi-service implementations



Anti-Bot Mobile SDK Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|-----------------------|
| BIG-IP Virtual Edition Anti-Bot Mobile SDK Add-on License 3 Gbps | F5-ADD-BIG-ABM-VE-3G |
| BIG-IP Virtual Edition Anti-Bot Mobile SDK Add-on License 1 Gbps | F5-ADD-BIG-ABM-VE-1G |
| BIG-IP Virtual Edition Anti-Bot Mobile SDK Add-on License 200 Mbps | F5-ADD-BIG-ABMVE200M |
| BIG-IP Virtual Edition Anti-Bot Mobile SDK Add-on License 25 Mbps | F5-ADD-BIG-ABM-VE25M |
| BIG-IP Virtual Edition Anti-Bot Mobile SDK Add-on License for Advanced Web Application Firewall High Performance | F5-ADD-BIGAWFABMVEHP |
| BIG-IP Virtual Edition Anti-Bot Mobile SDK Add-on License for Advanced Web Application Firewall 1 Gbps | F5-ADD-BIGAWFABMVE1G |
| BIG-IP Virtual Edition Anti-Bot Mobile SDK Add-on License for Advanced Web Application Firewall 200 Mbps | F5-ADDBIGAWFABMVE200M |
| BIG-IP Virtual Edition Anti-Bot Mobile SDK Add-on License for Advanced Web Application Firewall 25 Mbps | F5-ADDBIGAWFABMVE25M |

Anti-Bot Mobile SDK Add-on Licenses for BIG-IP iSeries

| Description | Part Number |
|--|-----------------------|
| BIG-IP Anti-Bot Mobile SDK License for i15X00 | F5-ADD-BIG-ABMI15XXX |
| BIG-IP Anti-Bot Mobile SDK License for i11X00 | F5-ADD-BIG-ABMI11XXX |
| BIG-IP Anti-Bot Mobile SDK License for i10X00 | F5-ADD-BIG-ABMI10XXX |
| BIG-IP Anti-Bot Mobile SDK License for i7X00 | F5-ADD-BIG-ABM-i7XXX |
| BIG-IP Anti-Bot Mobile SDK License for i5X00 | F5-ADD-BIG-ABM-i5XXX |
| BIG-IP Anti-Bot Mobile SDK License for i4X00 | F5-ADD-BIG-ABM-i4XXX |
| BIG-IP Anti-Bot Mobile SDK License for i2X00 | F5-ADD-BIG-ABM-i2XXX |
| BIG-IP Anti-Bot Mobile SDK Add-on License for i15X00 Advanced Web Application Firewall | F5-ADDBIGAWFABMI15XXX |
| BIG-IP Anti-Bot Mobile SDK Add-on License for i11X00 Advanced Web Application Firewall | F5-ADDBIGAWFABMI11XXX |
| BIG-IP Anti-Bot Mobile SDK Add-on License for i10X00 Advanced Web Application Firewall | F5-ADDBIGAWFABMI10XXX |
| BIG-IP Anti-Bot Mobile SDK Add-on License for i7X00 Advanced Web Application Firewall | F5-ADDBIGAWFABMI7XXX |
| BIG-IP Anti-Bot Mobile SDK Add-on License for i5X00 Advanced Web Application Firewall | F5-ADDBIGAWFABMI5XXX |
| BIG-IP Anti-Bot Mobile SDK Add-on License for i4X00 Advanced Web Application Firewall | F5-ADDBIGAWFABMI4XXX |
| BIG-IP Anti-Bot Mobile SDK Add-on License for i2X00 Advanced Web Application Firewall | F5-ADDBIGAWFABMI2XXX |

Anti-Bot Mobile SDK Add-on Licenses for VIPRION

| Description | Part Number |
|--|----------------------|
| VIPRION Anti-Bot Mobile SDK License for 4800 Chassis | F5-ADD-VPR-ABM-C4800 |
| VIPRION Anti-Bot Mobile SDK License for 4480 Chassis | F5-ADD-VPR-ABM-C44X0 |
| VIPRION Anti-Bot Mobile SDK License for 2X00 Chassis | F5-ADD-VPR-ABM-C2X00 |

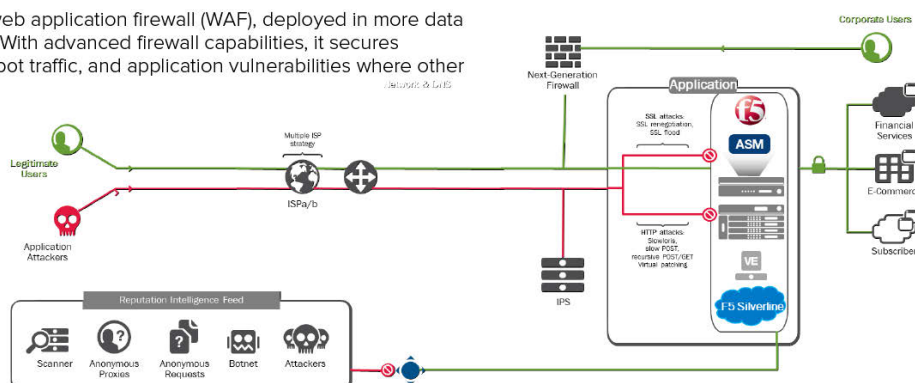
BIG-IP APPLICATION SECURITY MANAGER

Defend against web attacks and achieve regulatory compliance

BIG-IP Application Security Manager (ASM) is a web application firewall (WAF), deployed in more data centers than any enterprise WAF on the market. With advanced firewall capabilities, it secures applications against L7 DDoS attacks, malicious bot traffic, and application vulnerabilities where other WAFs fail.

Key benefits

- Ensure application security and compliance
- Turn on protection immediately
- Patch vulnerabilities fast
- Deploy flexibly
- Defend with proven advanced protections
- Magnify threat knowledge



BIG-IP Virtual Edition Application Security Manager (ASM)

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Application Security Manager 3 Gbps (v12.1.x - v18.x) | F5-BIG-ASM-VE-3G-V18 |
| BIG-IP Virtual Edition Application Security Manager 1 Gbps (v12.1.x - v18.x) | F5-BIG-ASM-VE-1G-V18 |
| BIG-IP Virtual Edition Application Security Manager 200 Mbps (v12.1.x - v18.x) | F5-BIG-ASMVE200M-V18 |
| BIG-IP Virtual Edition Application Security Manager 25 Mbps (v12.1.x - v18.x) | F5-BIG-ASM-VE25M-V18 |
| BIG-IP Virtual Edition Application Security Manager License Upgrade (1 Gbps to 3 Gbps) | F5-ADD-BIG-ASMVEUP3G |
| BIG-IP Virtual Edition Application Security Manager License Upgrade (200 Mbps to 1 Gbps) | F5-ADD-BIG-ASMVEUP1G |

Application Security Manager (ASM) Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition Application Security Manager Add-on License 3 Gbps | F5-ADD-BIG-ASM-VE3G |
| BIG-IP Virtual Edition Application Security Manager Add-on License 1 Gbps | F5-ADD-BIG-ASM-VE1G |
| BIG-IP Virtual Edition Application Security Manager Add-on License 200 Mbps | F5-ADD-BIG-ASMVE200M |
| BIG-IP Virtual Edition Application Security Manager Add-on License 25 Mbps | F5-ADD-BIG-ASM-VE25M |

BIG-IP iSeries Application Security Manager (ASM)

| Description | Part Number |
|---|---------------------|
| BIG-IP i15800 Application Security Manager (512 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supply) | F5-BIG-ASM-i15800 |
| BIG-IP i11800 Application Security Manager (256 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supply) | F5-BIG-ASM-i11800 |
| BIG-IP i10800 Application Security Manager (128 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supply) | F5-BIG-ASM-i10800 |
| BIG-IP i7800 Application Security Manager (96 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-ASM-i7800 |
| BIG-IP i5800 Application Security Manager (48 GB Memory, SSD, Max SSL, Max Compression, vCMP) | F5-BIG-ASM-i5800 |
| BIG-IP i4800 Application Security Manager (32 GB Memory, Max SSL, Max Compression) | F5-BIG-ASM-i4800 |
| BIG-IP i2800 Application Security Manager (16 GB Memory, Max SSL, Max Compression) | F5-BIG-ASM-i2800 |
| BIG-IP i15600 Application Security Manager (512 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-ASM-i15600 |
| BIG-IP i11600 Application Security Manager (256 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-ASM-i11600 |
| BIG-IP i10600 Application Security Manager (128 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-ASM-i10600 |
| BIG-IP i7600 Application Security Manager (96 GB Memory, SSD, Base SSL, Base Compression, Dual AC Power Supplies) | F5-BIG-ASM-i7600 |
| BIG-IP i5600 Application Security Manager (48 GB Memory, SSD, Base SSL, Base Compression) | F5-BIG-ASM-i5600 |
| BIG-IP i4600 Application Security Manager (32 GB Memory, Base SSL, Base Compression) | F5-BIG-ASM-i4600 |
| BIG-IP i2600 Application Security Manager (16 GB Memory, Base SSL, Base Compression) | F5-BIG-ASM-i2600 |
| BIG-IP 10350v Application Security Manager NEBS (128 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-ASM-10350V-N |

Application Security Manager (ASM) Add-on Modules for BIG-IP iSeries

| Description | Part Number |
|---|-----------------------|
| BIG-IP Application Security Manager Module for i15X00 | F5-ADD-BIG-ASM-i15XXX |
| BIG-IP Application Security Manager Module for i11X00 | F5-ADD-BIG-ASM-i11XXX |
| BIG-IP Application Security Manager Module for i10X00 | F5-ADD-BIG-ASM-i10XXX |
| BIG-IP Application Security Manager Module for i7X00 | F5-ADD-BIG-ASM-i7XXX |
| BIG-IP Application Security Manager Module for i5X00 | F5-ADD-BIG-ASM-i5XXX |
| BIG-IP Application Security Manager Module for i4X00 | F5-ADD-BIG-ASM-i4XXX |
| BIG-IP Application Security Manager Module for i2X00 | F5-ADD-BIG-ASM-i2XXX |
| BIG-IP Application Security Manager Module for 10X5Xs | F5-ADD-BIG-ASM-10000 |
| BIG-IP Security Bundle for 10X5Xs (Application Security Manager, Access Policy Manager, Max SSL, Max Compression, 500 Concurrent VPN Users) | F5-ADD-BIG-SEC-10000 |

VIPRION Application Security Manager (ASM)

| Description | Part Number |
|---|----------------------|
| VIPRION 4800 Application Security Manager Chassis (8 x Slots, 2 x AC Power Supplies) | F5-VPR-ASM-C4800-AC |
| VIPRION 4480 Application Security Manager Chassis (4 x Slots, 4 x AC Power Supplies) | F5-VPR-ASM-C4480-AC |
| VIPRION 4800 Application Security Manager Chassis NEBS (8 x Slots, 2 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-ASM-C4800-DCN |
| VIPRION 4480 Application Security Manager Chassis NEBS (4 x Slots, 4 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-ASM-C4480-DCN |
| VIPRION 4450 Application Security Manager Blade NEBS (256 GB Memory, 6 x QSFP+ Ports, 2 x QSFP28 Ports, NEBS Level 3 Certified) | F5-VPR-ASM-B4450N |
| VIPRION 2400 Application Security Manager Chassis (4 x Slots, 2 x AC Power Supplies) | F5-VPR-ASM-C2400-AC |
| VIPRION 2200 Application Security Manager Chassis (2 x Slots, 2 x AC Power Supplies) | F5-VPR-ASM-C2200-AC |
| VIPRION 2200 Application Security Manager Chassis (2 x Slots, 2 x DC Power Supplies) | F5-VPR-ASM-C2200-DC |
| VIPRION 2250 Application Security Manager Blade (64 GB Memory, SSD, 4 x QSFP+ Ports) | F5-VPR-ASM-B2250 |
| VIPRION 2150 Application Security Manager Blade (32 GB Memory, SSD, 8 x SFP+ Ports with 2 x 10GBASE-SR Transceivers included) | F5-VPR-ASM-B2150 |

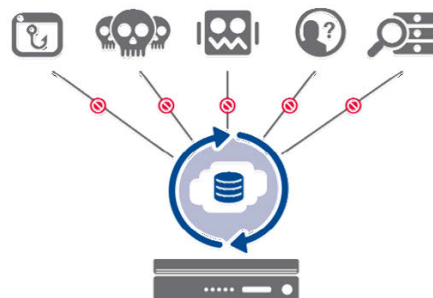
Application Security Manager (ASM) Add-on Modules for VIPRION

| Description | Part Number |
|--|----------------------|
| VIPRION Application Security Bundle for 4800 Chassis (Application Security Manager, Max SSL) | F5-ADD-VPR-ASM-C4800 |
| VIPRION Application Security Bundle for 4480 Chassis (Application Security Manager, Max SSL) | F5-ADD-VPR-ASM-C4400 |
| VIPRION Application Security Manager Module for 4800 Chassis | F5-ADD-VPRASM-C4800B |
| VIPRION Application Security Manager Module for 4480 Chassis | F5-ADD-VPRASM-C4400B |
| VIPRION Application Security Bundle for 2X00 Chassis (Application Security Manager, Max SSL) | F5-ADD-VPR-ASM-C2400 |
| VIPRION Application Security Manager Module for 2X00 Chassis | F5-ADD-VPRASM-C2400B |
| VIPRION Security Bundle for 4800 Chassis (Application Security Manager, Access Policy Manager, Max SSL, Max Compression, 500 Concurrent VPN Users) | F5-ADD-VPR-SEC-C4800 |
| VIPRION Security Bundle for 4480 Chassis (Application Security Manager, Access Policy Manager, Max SSL, Max Compression, 500 Concurrent VPN Users) | F5-ADD-VPR-SEC-C4400 |
| VIPRION Security Bundle for 2X00 Chassis (Application Security Manager, Access Policy Manager, Max SSL, Max Compression, 500 Concurrent VPN Users) | F5-ADD-VPR-SEC-C2400 |

BIG-IP IP INTELLIGENCE SERVICES

Block malicious IP addresses

F5 IP Intelligence Services enhances automated security decisions with IP reputation intelligence. By identifying IP addresses and security categories associated with malicious activity, IP Intelligence Services can incorporate dynamic lists of threatening IP addresses from third parties into the F5 platform, adding context and automation to Advanced WAF blocking decisions.



Key benefits

- Ensure IP threat protection
- Improve visibility into threats from multiple sources
- Enable granular threat reporting and automated blocking
- Optimise protection with real-time updates

IP Intelligence (IPI) Subscription Licenses for BIG-IP Cloud Edition

| Description | Part Number |
|--|---------------------|
| BIG-IP Cloud Edition IP Intelligence License (1-Year Subscription, 25 Mbps and 200 Mbps) | F5-SBS-BIGVE-IPI1YR |
| BIG-IP Cloud Edition IP Intelligence License (3-Year Subscription, 25 Mbps and 200 Mbps) | F5-SBS-BIGVE-IPI3YR |

IP Intelligence (IPI) Subscription Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition IP Intelligence License (1-Year Subscription, High Performance) | F5-SBS-BIGVE-IPI41YR |
| BIG-IP Virtual Edition IP Intelligence License (3-Year Subscription, High Performance) | F5-SBS-BIGVE-IPI43YR |
| BIG-IP Virtual Edition IP Intelligence License (1-Year Subscription, 10 Gbps) | F5-SBS-BIGVE-IPI31YR |
| BIG-IP Virtual Edition IP Intelligence License (3-Year Subscription, 10 Gbps) | F5-SBS-BIGVE-IPI33YR |
| BIG-IP Virtual Edition IP Intelligence License (1-Year Subscription, 1 Gbps, 3 Gbps, and 5 Gbps) | F5-SBS-BIGVE-IPI21YR |
| BIG-IP Virtual Edition IP Intelligence License (3-Year Subscription, 1 Gbps, 3 Gbps, and 5 Gbps) | F5-SBS-BIGVE-IPI23YR |
| BIG-IP Virtual Edition IP Intelligence License (1-Year Subscription, 25 Mbps and 200 Mbps) | F5-SBS-BIGVE-IPI11YR |
| BIG-IP Virtual Edition IP Intelligence License (3-Year Subscription, 25 Mbps and 200 Mbps) | F5-SBS-BIGVE-IPI13YR |

IP Intelligence (IPI) Subscription Licenses for BIG-IP iSeries

| Description | Part Number |
|---|----------------------|
| BIG-IP IP Intelligence License for i15X00 (1-Year Subscription) | F5-SBS-BIG-IPI-101YR |
| BIG-IP IP Intelligence License for i15X00 (3-Year Subscription) | F5-SBS-BIG-IPI-103YR |
| BIG-IP IP Intelligence License for 10350v/i10X00/i11X00 (1-Year Subscription) | F5-SBS-BIG-IPI-7-1YR |
| BIG-IP IP Intelligence License for 10350v/i10X00/i11X00 (3-Year Subscription) | F5-SBS-BIG-IPI-7-3YR |
| BIG-IP IP Intelligence License for 10X5Xs/i7X00 (1-Year Subscription) | F5-SBS-BIG-IPI-6-1YR |
| BIG-IP IP Intelligence License for 10X5Xs/i7X00 (3-Year Subscription) | F5-SBS-BIG-IPI-6-3YR |
| BIG-IP IP Intelligence License for i5X00 (1-Year Subscription) | F5-SBS-BIG-IPI-5-1YR |
| BIG-IP IP Intelligence License for i5X00 (3-Year Subscription) | F5-SBS-BIG-IPI-5-3YR |
| BIG-IP IP Intelligence License for i4X00 (1-Year Subscription) | F5-SBS-BIG-IPI-4-1YR |
| BIG-IP IP Intelligence License for i4X00 (3-Year Subscription) | F5-SBS-BIG-IPI-4-3YR |
| BIG-IP IP Intelligence License for 2X00s/i2X00 (1-Year Subscription) | F5-SBS-BIG-IPI-3-1YR |
| BIG-IP IP Intelligence License for 2X00s/i2X00 (3-Year Subscription) | F5-SBS-BIG-IPI-3-3YR |

IP Intelligence (IPI) Subscription Licenses for VIPRION

| Description | Part Number |
|--|----------------------|
| VIPRION IP Intelligence License for 4800 Chassis (1-Year Subscription) | F5-SBS-VPR-IPI-4-1YR |
| VIPRION IP Intelligence License for 4800 Chassis (3-Year Subscription) | F5-SBS-VPR-IPI-4-3YR |
| VIPRION IP Intelligence License for 4480 Chassis (1-Year Subscription) | F5-SBS-VPR-IPI-3-1YR |
| VIPRION IP Intelligence License for 4480 Chassis (3-Year Subscription) | F5-SBS-VPR-IPI-3-3YR |
| VIPRION IP Intelligence License for 2400 Chassis (1-Year Subscription) | F5-SBS-VPR-IPI-2-1YR |
| VIPRION IP Intelligence License for 2400 Chassis (3-Year Subscription) | F5-SBS-VPR-IPI-2-3YR |
| VIPRION IP Intelligence License for 2200 Chassis (1-Year Subscription) | F5-SBS-VPR-IPI-1-1YR |
| VIPRION IP Intelligence License for 2200 Chassis (3-Year Subscription) | F5-SBS-VPR-IPI-1-3YR |

BIG-IP INTRUSION PREVENTION SYSTEM

Cost-effectively defend against threats for a broad set of protocols

F5 Intrusion Prevention System is ideal for customers that want to apply additional security controls for a broad set of protocols without deploying a dedicated platform, but are unable to migrate all application traffic because of technical limitations, cost, and operational concerns. Unlike other vendors, the BIG-IP platform provides consolidated DDoS, firewall, and IDS/IPS functionality to enable cost-effective security control for many protocols and threat vectors.

Key benefits

- Savings in CapEx and OpEx
- Security operational simplicity
- Improved performance
- Integrated DDoS protection and ADC

Intrusion Prevention System (IPS) Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|-----------------------|
| BIG-IP Virtual Edition Intrusion Prevention System Add-on License for Advanced Firewall Manager High Performance | F5-ADD-BIG-IPS-VE-HP |
| BIG-IP Virtual Edition Intrusion Prevention System Add-on License for Advanced Firewall Manager 10 Gbps | F5-ADD-BIG-IPS-VE-10G |
| BIG-IP Virtual Edition Intrusion Prevention System Add-on License for Advanced Firewall Manager 5 Gbps | F5-ADD-BIG-IPS-VE-5G |
| BIG-IP Virtual Edition Intrusion Prevention System Add-on License for Advanced Firewall Manager 3 Gbps | F5-ADD-BIG-IPS-VE-3G |
| BIG-IP Virtual Edition Intrusion Prevention System Add-on License for Advanced Firewall Manager 1 Gbps | F5-ADD-BIG-IPS-VE-1G |
| BIG-IP Virtual Edition Intrusion Prevention System Add-on License for Advanced Firewall Manager 200 Mbps | F5-ADD-BIG-IPSV200M |
| BIG-IP Virtual Edition Intrusion Prevention System Add-on License for Advanced Firewall Manager 25 Mbps | F5-ADD-BIG-IPS-VE25M |

Intrusion Prevention System (IPS) Signature Subscription Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Intrusion Prevention System Signature License (1-Year Subscription, High Performance) | F5-SBS-BIGVE-IPS41YR |
| BIG-IP Virtual Edition Intrusion Prevention System Signature License (3-Year Subscription, High Performance) | F5-SBS-BIGVE-IPS43YR |
| BIG-IP Virtual Edition Intrusion Prevention System Signature License (1-Year Subscription, 10 Gbps) | F5-SBS-BIGVE-IPS31YR |
| BIG-IP Virtual Edition Intrusion Prevention System Signature License (3-Year Subscription, 10 Gbps) | F5-SBS-BIGVE-IPS33YR |
| BIG-IP Virtual Edition Intrusion Prevention System Signature License (1-Year Subscription, 1 Gbps, 3 Gbps, and 5 Gbps) | F5-SBS-BIGVE-IPS21YR |
| BIG-IP Virtual Edition Intrusion Prevention System Signature License (3-Year Subscription, 1 Gbps, 3 Gbps, and 5 Gbps) | F5-SBS-BIGVE-IPS23YR |
| BIG-IP Virtual Edition Intrusion Prevention System Signature License (1-Year Subscription, 25 Mbps and 200 Mbps) | F5-SBS-BIGVE-IPS11YR |
| BIG-IP Virtual Edition Intrusion Prevention System Signature License (3-Year Subscription, 25 Mbps and 200 Mbps) | F5-SBS-BIGVE-IPS13YR |

Intrusion Prevention System (IPS) Add-on Modules for BIG-IP iSeries

| Description | Part Number |
|--|----------------------|
| BIG-IP Intrusion Prevention System Add-on License for i15X00 Advanced Firewall Manager | F5-ADD-BIG-IPS15XXX |
| BIG-IP Intrusion Prevention System Add-on License for i11X00 Advanced Firewall Manager | F5-ADD-BIG-IPS11XXX |
| BIG-IP Intrusion Prevention System Add-on License for i10X00 Advanced Firewall Manager | F5-ADD-BIG-IPS10XXX |
| BIG-IP Intrusion Prevention System Add-on License for i7X00 Advanced Firewall Manager | F5-ADD-BIG-IPS-I7XXX |
| BIG-IP Intrusion Prevention System Add-on License for i5X00 Advanced Firewall Manager | F5-ADD-BIG-IPS-I5XXX |
| BIG-IP Intrusion Prevention System Add-on License for i4X00 Advanced Firewall Manager | F5-ADD-BIG-IPS-I4XXX |
| BIG-IP Intrusion Prevention System Add-on License for i2X00 Advanced Firewall Manager | F5-ADD-BIG-IPS-I2XXX |

Intrusion Prevention System (IPS) Signature Subscription Licenses for BIG-IP iSeries

| Description | Part Number |
|--|----------------------|
| BIG-IP Intrusion Prevention System Signature License for i15X00 (1-Year Subscription) | F5-SBS-BIG-IPS-4-1YR |
| BIG-IP Intrusion Prevention System Signature License for i15X00 (3-Year Subscription) | F5-SBS-BIG-IPS-4-3YR |
| BIG-IP Intrusion Prevention System Signature License for i11X00/i10X00 (1-Year Subscription) | F5-SBS-BIG-IPS-3-1YR |
| BIG-IP Intrusion Prevention System Signature License for i11X00/i10X00 (3-Year Subscription) | F5-SBS-BIG-IPS-3-3YR |
| BIG-IP Intrusion Prevention System Signature License for i7X00/i5X00 (1-Year Subscription) | F5-SBS-BIG-IPS-2-1YR |
| BIG-IP Intrusion Prevention System Signature License for i7X00/i5X00 (3-Year Subscription) | F5-SBS-BIG-IPS-2-3YR |
| BIG-IP Intrusion Prevention System Signature License for i4X00/i2X00 (1-Year Subscription) | F5-SBS-BIG-IPS-1-1YR |
| BIG-IP Intrusion Prevention System Signature License for i4X00/i2X00 (3-Year Subscription) | F5-SBS-BIG-IPS-1-3YR |

Intrusion Prevention System (IPS) Add-on Licenses for VIPRION

| Description | Part Number |
|---|----------------------|
| VIPRION Intrusion Prevention System Add-on License for 4800 Chassis | F5-ADD-VPR-IPS-C4800 |
| VIPRION Intrusion Prevention System Add-on License for 4480 Chassis | F5-ADD-VPR-IPS-C44X0 |
| VIPRION Intrusion Prevention System Add-on License for 2X00 Chassis | F5-ADD-VPR-IPS-C2X00 |

Intrusion Prevention System (IPS) Signature Subscription Licenses for VIPRION

| Description | Part Number |
|--|----------------------|
| VIPRION Intrusion Prevention System Signature License for 4800 Chassis (1-Year Subscription) | F5-SBS-VPR-IPS-4-1YR |
| VIPRION Intrusion Prevention System Signature License for 4800 Chassis (3-Year Subscription) | F5-SBS-VPR-IPS-4-3YR |
| VIPRION Intrusion Prevention System Signature License for 4480 Chassis (1-Year Subscription) | F5-SBS-VPR-IPS-3-1YR |
| VIPRION Intrusion Prevention System Signature License for 4480 Chassis (3-Year Subscription) | F5-SBS-VPR-IPS-3-3YR |
| VIPRION Intrusion Prevention System Signature License for 2400 Chassis (1-Year Subscription) | F5-SBS-VPR-IPS-2-1YR |
| VIPRION Intrusion Prevention System Signature License for 2400 Chassis (3-Year Subscription) | F5-SBS-VPR-IPS-2-3YR |
| VIPRION Intrusion Prevention System Signature License for 2200 Chassis (1-Year Subscription) | F5-SBS-VPR-IPS-1-1YR |
| VIPRION Intrusion Prevention System Signature License for 2200 Chassis (3-Year Subscription) | F5-SBS-VPR-IPS-1-3YR |

WEBSAFE FRAUD PROTECTION

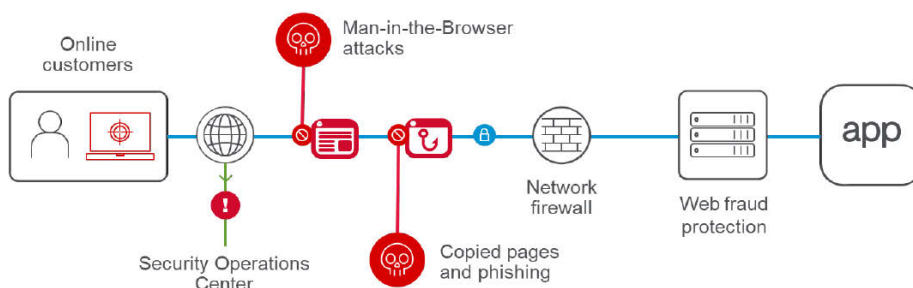
WebSafe Bundle Subscription Licenses

Protect your business and customers from online fraud

WebSafe provides greater online fraud protection to prevent credential theft, malware, and phishing. WebSafe delivers web fraud protection that safeguards banks, e-retailers, and other organisations exposed to online fraud. It protects online customers from a broad range of web fraud across all devices – without impacting the user experience.

Key benefits

- Guard against targeted and generic malware
- Preempt phishing attacks
- Protect without client downloads
- Easily deploy fraud detection and prevention
- Maintain up-to-date global threat intelligence



| Description | Part Number |
|---|----------------------|
| WebSafe Bundle License for 10000 Users (1-Year Subscription) | F5-SBS-WS-B-10K-1YR |
| WebSafe Bundle License for 50000 Users (1-Year Subscription) | F5-SBS-WS-B-50K-1YR |
| WebSafe Bundle License for 100000 Users (1-Year Subscription) | F5-SBS-WS-B-100K-1YR |
| WebSafe Bundle License for 500000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-B-500K-1YR |
| WebSafe Bundle License for 1000000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-B-1M-1YR |
| WebSafe Bundle License for 5000000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-B-5M-1YR |

Add-on Subscription Licenses for WebSafe

| Description | Part Number |
|---|----------------------|
| WebSafe Malware Detection License for 10000 Users (1-Year Subscription) | F5-SBS-WS-M-10K-1YR |
| WebSafe Malware Detection License for 50000 Users (1-Year Subscription) | F5-SBS-WS-M-50K-1YR |
| WebSafe Malware Detection License for 100000 Users (1-Year Subscription) | F5-SBS-WS-M-100K-1YR |
| WebSafe Malware Detection License for 500000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-M-500K-1YR |
| WebSafe Malware Detection License for 1000000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-M-1M-1YR |
| WebSafe Malware Detection License for 5000000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-M-5M-1YR |
| WebSafe Anti Phishing License for 10000 Users (1-Year Subscription) | F5-SBS-WS-P-10K-1YR |
| WebSafe Anti Phishing License for 50000 Users (1-Year Subscription) | F5-SBS-WS-P-50K-1YR |
| WebSafe Anti Phishing License for 100000 Users (1-Year Subscription) | F5-SBS-WS-P-100K-1YR |
| WebSafe Anti Phishing License for 500000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-P-500K-1YR |
| WebSafe Anti Phishing License for 1000000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-P-1M-1YR |
| WebSafe Anti Phishing License for 5000000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-P-5M-1YR |
| WebSafe Message Encryption License for 10000 Users (1-Year Subscription) | F5-SBS-WS-E-10K-1YR |
| WebSafe Message Encryption License for 50000 Users (1-Year Subscription) | F5-SBS-WS-E-50K-1YR |
| WebSafe Message Encryption License for 100000 Users (1-Year Subscription) | F5-SBS-WS-E-100K-1YR |
| WebSafe Message Encryption License for 500000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-E-500K-1YR |
| WebSafe Message Encryption License for 1000000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-E-1M-1YR |
| WebSafe Message Encryption License for 5000000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-E-5M-1YR |
| WebSafe Auto Transaction Detection License for 10000 Users (1-Year Subscription) | F5-SBS-WS-T-10K-1YR |
| WebSafe Auto Transaction Detection License for 50000 Users (1-Year Subscription) | F5-SBS-WS-T-50K-1YR |
| WebSafe Auto Transaction Detection License for 100000 Users (1-Year Subscription) | F5-SBS-WS-T-100K-1YR |
| WebSafe Auto Transaction Detection License for 500000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-T-500K-1YR |
| WebSafe Auto Transaction Detection License for 1000000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-T-1M-1YR |
| WebSafe Auto Transaction Detection License for 5000000 Users (1-Year Subscription, Consumer Only) | F5-SBS-WS-T-5M-1YR |

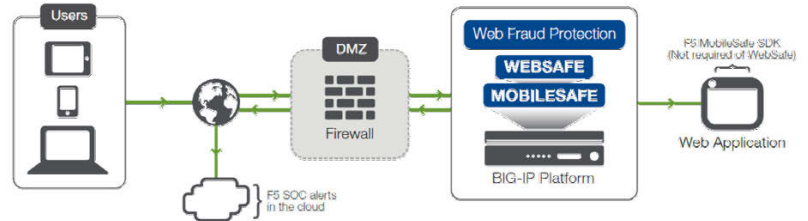
MobileSafe Subscription Licenses

Protect mobile device users from online fraud

MobileSafe helps you protect mobile device users from advanced cyber threats by delivering client-side safeguards that guard mobile application use in real-time – securing customer information and credentials, while helping to prevent identity theft and account takeovers.

Key benefits

- Minimise fraud loss associated with mobile device usage
- Improve mobile app protections
- Meet compliance standards
- Get 100% transparency and consumer coverage
- Drive immediate fraud response



| Description | Part Number |
|---|--------------------|
| MobileSafe License for 10000 Users (1-Year Subscription) | F5-SBS-MS-10K-1YR |
| MobileSafe License for 50000 Users (1-Year Subscription) | F5-SBS-MS-50K-1YR |
| MobileSafe License for 100000 Users (1-Year Subscription) | F5-SBS-MS-100K-1YR |
| MobileSafe License for 500000 Users (1-Year Subscription, Consumer Only) | F5-SBS-MS-500K-1YR |
| MobileSafe License for 1000000 Users (1-Year Subscription, Consumer Only) | F5-SBS-MS-1M-1YR |
| MobileSafe License for 5000000 Users (1-Year Subscription, Consumer Only) | F5-SBS-MS-5M-1YR |

Security Operations Center (SOC) Services

| Description | Part Number |
|---|-------------|
| Security Operations Center Service (10 Shutdowns, Phishing Reports, Malware and Dropzone Research) | F5-SOC-10 |
| Security Operations Center Service (50 Shutdowns, Phishing Reports, Malware and Dropzone Research) | F5-SOC-50 |
| Security Operations Center Service (100 Shutdowns, Phishing Reports, Malware and Dropzone Research) | F5-SOC-100 |
| Security Operations Center Service (200 Shutdowns, Phishing Reports, Malware and Dropzone Research) | F5-SOC-200 |
| Security Operations Center Service (500 Shutdowns, Phishing Reports, Malware and Dropzone Research) | F5-SOC-500 |
| Security Operations Center Service (800 Shutdowns, Phishing Reports, Malware and Dropzone Research) | F5-SOC-800 |
| Security Operations Center Service Single Shutdown | F5-SOC-1 |

SHAPE SECURITY FRAUD PROTECTION

Best-in-class application security and fraud prevention solutions

Shape protects web and mobile applications and API endpoints from sophisticated automation attacks that would otherwise result in large scale fraud. Shape solutions leverage artificial intelligence (AI) and machine learning (ML), among other technologies, to accurately determine in real-time if an application request is from a fraudulent source, and if so, effectively mitigate. Shape solutions adapt and maintain full efficacy even as attackers evolve.

SHAPE DEFENSE™

AI-powered web and mobile fraud protection for organizations of all sizes.

SHAPE ENTERPRISE DEFENSE™

Comprehensive, bespoke implementation and web and mobile fraud protection.

BLACKFISH™

Proactive user credential defense.

API DEFENSE™

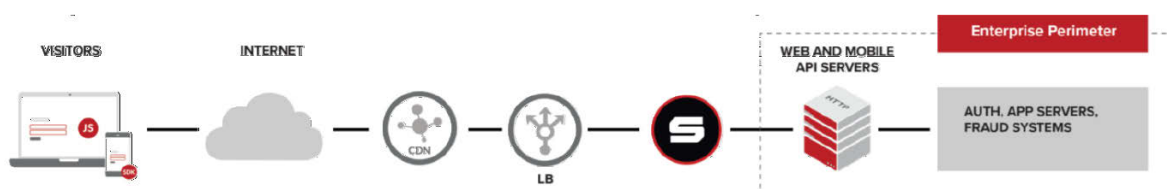
Visibility and mitigation options to protect HTTP-based APIs.

MANUAL-ATTACK DEFENSE™

Protection against manual labor farm attacks on web applications.

Key benefits

- **Unrivaled accuracy:** Accurately detect and mitigate fraudulent and unwanted traffic in real-time through telemetry, signal collection, and advanced AI and ML
- **Zero user friction:** Allow legitimate human users to proceed without additional friction: no CAPTCHA, no multi-factor authentication
- **Omnichannel protection:** Protect web and mobile applications, as well as HTTP APIs
- **Advanced defences:** Defend against aggressive aggregators, manual fraud, and compromised user credentials



Shape Defense Fraud Protection

| Description | Part Number |
|--|----------------------|
| Shape Defense Offering | F5-SHP-DEF |
| Shape Defense Automated Account Takeover Base (50000 Users) | F5-SHP-DEF-ATO-50K |
| Shape Defense Automated Account Takeover Additional Users (1000 Users) | F5-ADD-SHP-DEF-ATO1K |
| Shape Defense Fake Account Creation | F5-SHP-DEF-FAC |
| Shape Defense Scraping Defense (1M Transactions) | F5-SHP-DEF-SCR-1M |
| Shape Defense Runtime Defense (Per Flow) | F5-SHP-DEF-RUN |
| Shape Defense Runtime Defense (Unlimited Flows) | F5-SHP-DEF-RUN-U |
| Shape Defense Additional Channel | F5-ADD-SHP-DEF |

Shape Enterprise Defense Fraud Protection

| Description | Part Number |
|---|----------------------|
| Shape Enterprise Defense Offering | F5-SHP-ENTD |
| Shape Enterprise Defense Automated Account Takeover Base (50000 Users) | F5-SHP-ENTD-ATO-50K |
| Shape Enterprise Defense Automated Account Takeover Additional Users (1000 Users) | F5-ADD-SHP-ENTDATO1K |
| Shape Enterprise Defense Fake Account Creation | F5-SHP-ENTD-FAC |
| Shape Enterprise Defense Scraping Defense (1M Transactions) | F5-SHP-ENTD-SCR-1M |
| Shape Enterprise Defense Advanced Aggregator Defense (Per Aggregator) | F5-SHP-ENTD-AA |
| Shape Enterprise Defense Advanced Aggregator Defense (Unlimited Aggregators) | F5-SHP-ENTD-AA-U |
| Shape Enterprise Defense Manual Labor Farm Defense (Per Flow) | F5-SHP-ENTD-MLF |
| Shape Enterprise Defense Manual Labor Farm Defense (Unlimited Flows) | F5-SHP-ENTD-MLF-U |
| Shape Enterprise Defense Runtime Defense (Per Flow) | F5-SHP-ENTD-RUN |
| Shape Enterprise Defense Runtime Defense (Unlimited Flows) | F5-SHP-ENTD-RUN-U |
| Shape Enterprise Defense Additional Channel | F5-ADD-SHP-ENT-DEF |

Shape Zero Footprint Defense

| Description | Part Number |
|---|----------------------|
| Shape Zero Footprint Defense Offering | F5-SHP-ZFP-OFFER |
| Shape Zero Footprint Defense Automated Account Takeover Base (50000 Users) | F5-SHP-ZFP-ATO-50K |
| Shape Zero Footprint Defense Automated Account Takeover Additional Users (1000 Users) | F5-ADD-SHP-ZFP-ATO1K |
| Shape Zero Footprint Defense Additional Channel | F5-ADD-SHP-ZFP |

Shape Blackfish Credential Security

| Description | Part Number |
|--|--------------|
| Shape Blackfish Credential Security Offering | F5-SHP-BF |
| Shape Blackfish Credential Security (1000 API Calls Per Day) | F5-SHP-BF-1K |

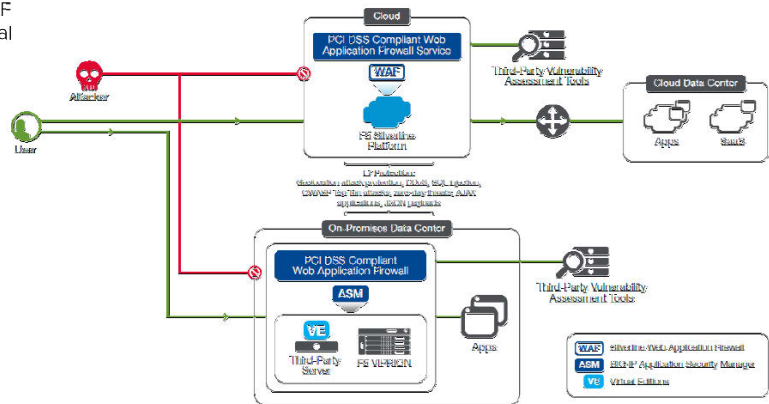
SILVERLINE MANAGED WEB APPLICATION FIREWALL SERVICES

Full- and self-service, cloud-based security to protect your applications

Silverline Web Application Firewall (WAF) is a cloud-based managed service or express self-service that protects web applications and data from ever-evolving threats and enables compliance. Whether protecting apps on premises or in the cloud, Silverline WAF lets you augment your in-house resources and decrease operational expenses with a service that's wholly set up, deployed, and maintained by certified experts in F5's Security Operations Center.

Key benefits

- Ensure application security and compliance
- Get 24x7x365 WAF expert service
- Deploy flexibly across hybrid environments
- Defend with proven security effectiveness
- Drive operational and cost efficiencies
- Gain attack insights and intelligence



Silverline Web Application Firewall (WAF) Subscription Services

| Description | Part Number |
|--|---------------------|
| Silverline Web Application Firewall Offering | F5-FAS-WAF |
| Silverline Web Application Firewall Managed Service (Base, 1-Month Subscription) | F5-FAS-WAF-MGND |
| Silverline Web Application Firewall Express Service (Base, 1-Month Subscription) | F5-FAS-WAF-EXP |
| Throughput for Silverline Web Application Firewall Service (Per 1 Mbps) | F5-FAS-WAF-TP |
| Fully Qualified Domain Name for Silverline Web Application Firewall Service (One FQDN, 1-Month Subscription) | F5-FAS-WAF-FQDN |
| Silverline Advanced Governance Service | F5-UTL-FEE-SOCS |
| Silverline Advanced Governance Plus Service | F5-FAS-FEE-SOCS-AG+ |

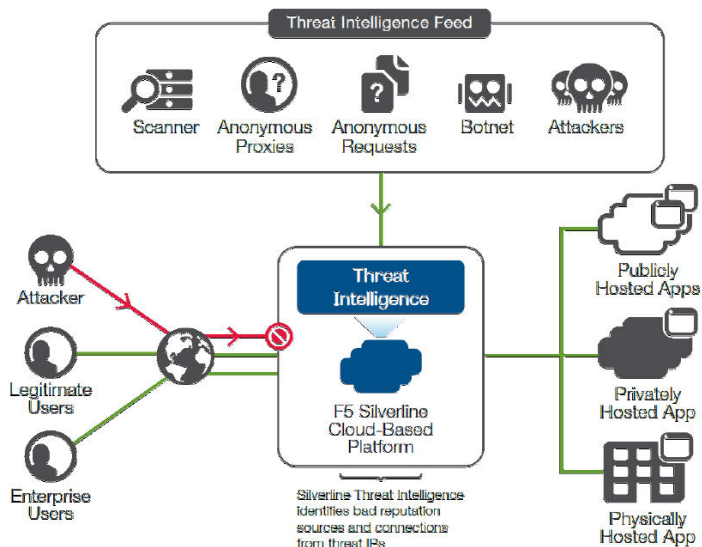
SILVERLINE MANAGED THREAT INTELLIGENCE SERVICES

Defend against malicious traffic

F5 Silverline Threat Intelligence is a cloud-based service incorporating external IP reputation and reducing threat-based communications. By identifying IP addresses and security categories associated with malicious activity, this managed service integrates dynamic lists of threatening IP addresses with the Silverline cloud-based platform, adding context-based security to policy decisions.

Key benefits

- Ensure IP threat protection
- Improve threat visibility
- Automate blocking and granular reporting
- Optimise real-time threat security



Silverline Threat Intelligence IP Reputation Subscription Services

| Description | Part Number |
|--|-----------------|
| Silverline Threat Intelligence IP Reputation Service (0-250 Mbps Clean Bandwidth, 1-Month Subscription) | F5-FAS-IPI-250M |
| Silverline Threat Intelligence IP Reputation Service (251 Mbps - 1 Gbps Clean Bandwidth, 1-Month Subscription) | F5-FAS-IPI-1G |
| Silverline Threat Intelligence IP Reputation Service (1 Gbps+ Clean Bandwidth, 1-Month Subscription) | F5-FAS-IPI-1GP |

NGINX WEB APPLICATION FIREWALL

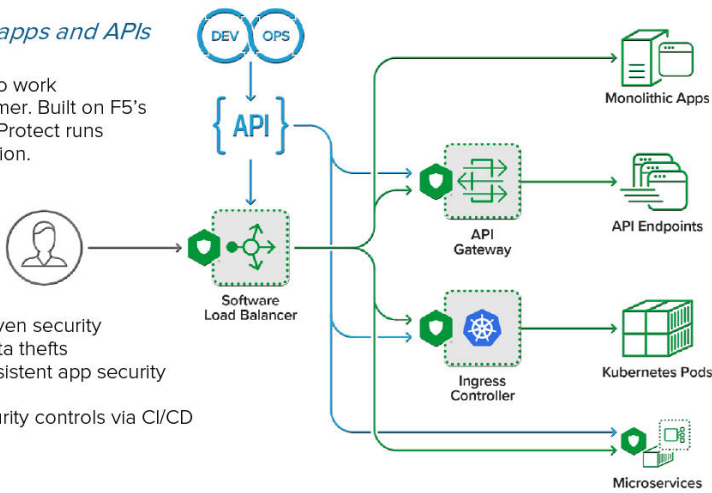
NGINX App Protect

Prevent downtime and breaches by securing your modern apps and APIs

NGINX App Protect is a modern application security solution designed to work seamlessly in DevOps environments to deliver apps from code to customer. Built on F5's market-leading web application firewall and bot protection, NGINX App Protect runs natively on NGINX Plus and integrates security controls into the application.

Key benefits -

- **Deploy app centric security:** Push high performing, scalable, and proven security closer to the apps, protecting against revenue impacting attacks and data thefts
- **Protect modern apps:** Run on NGINX Plus as a WAF that enables consistent app security controls for web applications, microservices, containers, and APIs
- **Reduce costs with automation:** Manage and automate approved security controls via CI/CD pipelines, removing workflow bottlenecks and supporting DevOps



| Description | Part Number |
|---|----------------|
| App Protect Module for NGINX Plus (Per Instance, Per Month) | F5-NGX-APP-PRT |

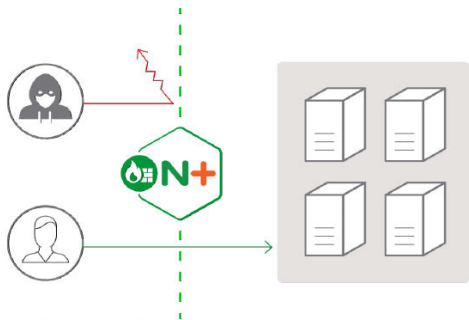
NGINX Plus Web Application Firewall

Protect your apps with a WAF based on ModSecurity open source software

The NGINX Web Application Firewall (WAF) protects applications against sophisticated layer 7 attacks that might otherwise lead to systems being taken over by attackers, loss of sensitive data, and downtime. The NGINX WAF is based on the widely used ModSecurity open source software.

Key benefits

- Battle-tested – Used by more than a million websites, ModSecurity is the most trusted name in application security
- Flexible – Open source software that can be deployed in any environment: bare metal, public cloud, private cloud, hybrid cloud, virtual machines, containers
- Cost-effective – PCI compliance at a fraction of the cost of hardware WAFs



| Description | Part Number |
|---|----------------------|
| NGINX Plus with ModSecurity Web Application Firewall Developer License (5 Users, Per Month) | F5-NGX-PLS-DEV-WAF5 |
| NGINX Plus with ModSecurity Web Application Firewall Developer License (10 Users, Per Month) | F5-NGX-PLS-DEV-WAF10 |
| NGINX Plus with ModSecurity Web Application Firewall Developer License (25 Users, Per Month) | F5-NGX-PLS-DEV-WAF25 |
| ModSecurity Web Application Firewall Module for NGINX Plus with Professional or Enterprise Support (Per Instance, Per Month, 7x24 Support) | F5-NGX-MS-WAF |
| ModSecurity Web Application Firewall Module for NGINX Plus Non-Production with Professional or Enterprise Support (Per Instance, Per Month, 7x24 Support) | F5-NGX-MS-WAF-NP |

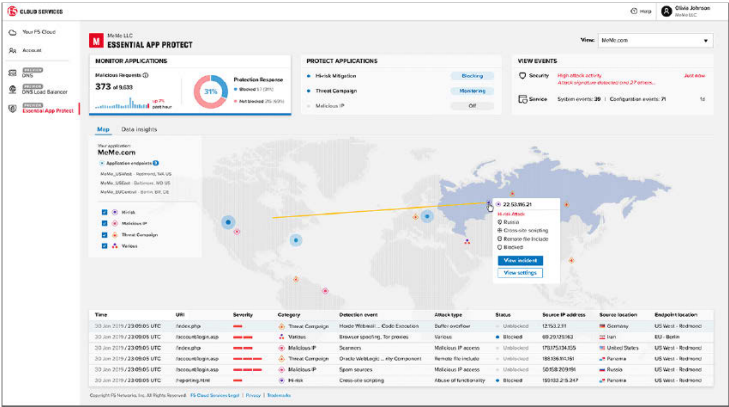
ESSENTIAL APP PROTECT CLOUD SERVICE

Take the complexity out of safeguarding web apps with SaaS security

Essential App Protect shields your web-facing apps – as a service – without sacrificing speed and agility. Within minutes of activation, your app will have out-of-the-box protection against common web exploits, malicious IPs, and coordinated attacks – no security expertise required. Tight integration with F5 Labs threat intelligence ensures that Essential App Protect utilises real-time insights to defend your app from evolving threat vectors.

Key benefits

- Defend your apps with WAF protection
- Automatically mitigate high-risk attacks
- Track and respond to the evolving threat landscape
- Eliminate malicious IPs and automate security decisions
- See current threats with the live map display
- Reduce expenses and increase app security
- Use an intuitive web interface or APIs
- Optimise app performance with low latency



| Description | Part Number |
|---|-----------------|
| Essential App Protect Cloud Service Endpoint (Per Endpoint, Per Month) | F5-CS-EAP-ENDPT |
| Essential App Protect Cloud Service Data Transfer (Per 1 GB, Per Month) | F5-CS-EAP-BW |

APPLICATION ACCESS

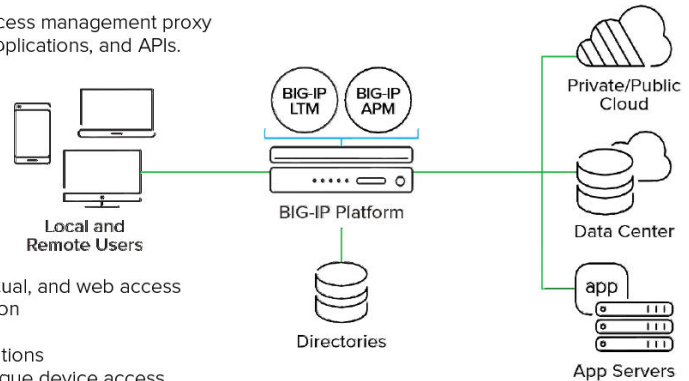
BIG-IP ACCESS POLICY MANAGER

Secure, simplify, and protect user access to applications and data

F5's Access Policy Manager (APM) is a secure, flexible, high-performance access management proxy solution that delivers unified global access control for your users, devices, applications, and APIs. Through its single management interface, APM converges and consolidates remote, mobile, network, virtual desktops, and web access. With APM, you can create and enforce simple, dynamic, intelligent access policies.

Key benefits

- Simplify access to on-premises and cloud apps with a single login via SSO
- Unify control by consolidating management of remote, mobile, network, virtual, and web access
- Reduce costs by replacing web access proxy tiers with an integrated solution
- Secure web access to web-based applications and web content
- Centralise and manage access control to your network, clouds, and applications
- Defend your weakest links by protecting against data loss, malware, and rogue device access
- Protect APIs by enabling secure authentication for REST and SOAP APIs
- Support all users easily, quickly, and cost-effectively with no performance trade-offs



BIG-IP Virtual Edition Access Policy Manager (APM)

| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition Access Policy Manager High Performance (v13.x - v18.x, 5000 Concurrent SSL VPN Users, 20000 Access Sessions) | F5-BIG-APM-VE-08-V18 |
| BIG-IP Virtual Edition Access Policy Manager 10 Gbps (v12.1 - v18.x, 500 Concurrent SSL VPN Users, 20000 Access Sessions) | F5-BIG-APM-VE-10GV18 |
| BIG-IP Virtual Edition Access Policy Manager 5 Gbps (v12.1 - v18.x, 500 Concurrent SSL VPN Users, 20000 Access Sessions) | F5-BIG-APM-VE-5G-V18 |
| BIG-IP Virtual Edition Access Policy Manager 3 Gbps (v12.1 - v18.x, 500 Concurrent SSL VPN Users, 20000 Access Sessions) | F5-BIG-APM-VE-3G-V18 |
| BIG-IP Virtual Edition Access Policy Manager 1 Gbps (v12.1 - v18.x, 500 Concurrent SSL VPN Users, 10000 Access Sessions) | F5-BIG-APM-VE-1G-V18 |
| BIG-IP Virtual Edition Access Policy Manager 200 Mbps (v12.1 - v18.x, 500 Concurrent SSL VPN Users, 10000 Access Sessions) | F5-BIG-APM-VE200MV18 |
| BIG-IP Virtual Edition Access Policy Manager 25 Mbps (v12.1 - v18.x, 500 Concurrent SSL VPN Users, 5000 Access Sessions) | F5-BIG-APM-VE-25MV18 |

Access Policy Manager (APM) Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Access Policy Manager Add-on License High Performance (4 vCPUs, 2500 Concurrent SSL VPN Users, 10000 Access Sessions) | F5-ADD-BIG-APM-VE-04 |
| BIG-IP Virtual Edition Access Policy Manager Add-on License 10 Gbps (500 Concurrent SSL VPN Users, 20000 Access Sessions) | F5-ADD-BIG-APM-VE10G |
| BIG-IP Virtual Edition Access Policy Manager Add-on License 5 Gbps (500 Concurrent SSL VPN Users, 20000 Access Sessions) | F5-ADD-BIG-APM-VE-5G |
| BIG-IP Virtual Edition Access Policy Manager Add-on License 3 Gbps (500 Concurrent SSL VPN Users, 20000 Access Sessions) | F5-ADD-BIG-APM-VE-3G |
| BIG-IP Virtual Edition Access Policy Manager Add-on License 1 Gbps (500 Concurrent SSL VPN Users, 10000 Access Sessions) | F5-ADD-BIG-APM-VE1G |
| BIG-IP Virtual Edition Access Policy Manager Add-on License 200 Mbps (500 Concurrent SSL VPN Users, 10000 Access Session) | F5-ADD-BIG-APMVE200M |
| BIG-IP Virtual Edition Access Policy Manager Add-on License 25 Mbps (500 Concurrent SSL VPN Users, 5000 Access Sessions) | F5-ADD-BIG-APM-VE25M |
| BIG-IP Virtual Edition Add-on License for Access Policy Manager (50 Concurrent SSL VPN Users) | F5-ADD-BIG-VE-VPN-50 |
| BIG-IP Virtual Edition Add-on License for Access Policy Manager (250 Concurrent SSL VPN Users) | F5-ADD-BIG-VE-VPN250 |
| BIG-IP Virtual Edition Add-on License for Access Policy Manager (1000 Concurrent SSL VPN Users) | F5-ADD-BIG-VE-VPN-1K |
| BIG-IP Virtual Edition Add-on License for Access Policy Manager (2500 Concurrent SSL VPN Users) | F5-ADD-BIG-VEVPN2500 |

BIG-IP iSeries Access Policy Manager (APM)

| Description | Part Number |
|---|----------------------|
| BIG-IP i15800 Access Policy Manager Max (512 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i15800-M |
| BIG-IP i11800 Access Policy Manager Turbo SSL Max (256 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i11800DSM |
| BIG-IP i11800 Access Policy Manager Max (256 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i11800-M |
| BIG-IP i10800 Access Policy Manager Max (128 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i10800-DM |
| BIG-IP i10800 Access Policy Manager Max (128 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i10800-M |
| BIG-IP i7800 Access Policy Manager Max (96 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i7800-DM |
| BIG-IP i7800 Access Policy Manager Max (96 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i7800-M |
| BIG-IP i5800 Access Policy Manager Max (48 GB Memory, SSD, Max SSL, Max Compression, vCMP) | F5-BIG-APM-i5800-M |
| BIG-IP i4800 Access Policy Manager Max (32 GB Memory, Max SSL, Max Compression) | F5-BIG-APM-i4800-M |

| | |
|---|-----------------------|
| BIG-IP i2800 Access Policy Manager Max (16 GB Memory, Max SSL, Max Compression) | F5-BIG-APM-i2800-M |
| BIG-IP i4600 Access Policy Manager Max (32 GB Memory, Base SSL, Base Compression) | F5-BIG-APM-i4600-M |
| BIG-IP i2600 Access Policy Manager Max (16 GB Memory, Base SSL, Base Compression) | F5-BIG-APM-i2600-M |
| BIG-IP i15800 Access Policy Manager Base (512 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i15800-B |
| BIG-IP i11800 Access Policy Manager Turbo SSL Base (256 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i11800DSB |
| BIG-IP i11800 Access Policy Manager Base (256 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i11800-B |
| BIG-IP i10800 Access Policy Manager Base (128 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i10800-DB |
| BIG-IP i10800 Access Policy Manager Base (128 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i10800-B |
| BIG-IP i7800 Access Policy Manager Base (96 GB Memory, Dual SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i7800-DB |
| BIG-IP i7800 Access Policy Manager Base (96 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i7800-B |
| BIG-IP i5800 Access Policy Manager Base (48 GB Memory, SSD, Max SSL, Max Compression, vCMP) | F5-BIG-APM-i5800-B |
| BIG-IP i4800 Access Policy Manager Base (32 GB Memory, Max SSL, Max Compression) | F5-BIG-APM-i4800-B |
| BIG-IP i2800 Access Policy Manager Base (16 GB Memory, Max SSL, Max Compression) | F5-BIG-APM-i2800-B |
| BIG-IP i4600 Access Policy Manager Base (32 GB Memory, Base SSL, Base Compression) | F5-BIG-APM-i4600-B |
| BIG-IP i2600 Access Policy Manager Base (16 GB Memory, Base SSL, Base Compression) | F5-BIG-APM-i2600-B |
| BIG-IP i7820 Access Policy Manager FIPS Max (96 GB Memory, Dual SSD, Hardware Security Module, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i7820-DF-M |
| BIG-IP i7820 Access Policy Manager FIPS Base (96 GB Memory, Dual SSD, Hardware Security Module, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-APM-i7820-DF-B |
| BIG-IP i5820 Access Policy Manager FIPS Max (48 GB Memory, Dual SSD, Hardware Security Module, Max SSL, Max Compression, vCMP) | F5-BIG-APM-i5820-DF-M |
| BIG-IP i5820 Access Policy Manager FIPS Base (48 GB Memory, Dual SSD, Hardware Security Module, Max SSL, Max Compression, vCMP) | F5-BIG-APM-i5820-DF-B |

Access Policy Manager (APM) Add-on Modules for BIG-IP iSeries

| Description | Part Number |
|---|----------------------|
| BIG-IP Access Policy Manager Max Module for i15800 | F5-ADD-BIGAPMI158XXM |
| BIG-IP Access Policy Manager Max Module for i11800 | F5-ADD-BIGAPMI118XXM |
| BIG-IP Access Policy Manager Max Module for i10800 | F5-ADD-BIGAPMI108XXM |
| BIG-IP Access Policy Manager Max Module for i7800 | F5-ADD-BIG-APMI78XXM |
| BIG-IP Access Policy Manager Max Module for i5800 | F5-ADD-BIG-APMI58XXM |
| BIG-IP Access Policy Manager Max Module for i4800 | F5-ADD-BIG-APMI48XXM |
| BIG-IP Access Policy Manager Max Module for i2800 | F5-ADD-BIG-APMI28XXM |
| BIG-IP Access Policy Manager Max Module for i15600 | F5-ADD-BIGAPMI156XXM |
| BIG-IP Access Policy Manager Max Module for i11600 | F5-ADD-BIGAPMI116XXM |
| BIG-IP Access Policy Manager Max Module for i11400 | F5-ADD-BIGAPMI114XXM |
| BIG-IP Access Policy Manager Max Module for i10600 | F5-ADD-BIGAPMI106XXM |
| BIG-IP Access Policy Manager Max Module for i7600 | F5-ADD-BIG-APMI76XXM |
| BIG-IP Access Policy Manager Max Module for i5600 | F5-ADD-BIG-APMI56XXM |
| BIG-IP Access Policy Manager Max Module for i4600 | F5-ADD-BIG-APMI46XXM |
| BIG-IP Access Policy Manager Max Module for i2600 | F5-ADD-BIG-APMI26XXM |
| BIG-IP Access Policy Manager Max Module for 10X5Xs (60000 Concurrent VPN Users) | F5-ADD-BIGAPM-10000S |
| BIG-IP Access Policy Manager Base Module for i15800 | F5-ADD-BIGAPMI158XXB |
| BIG-IP Access Policy Manager Base Module for i11800 | F5-ADD-BIGAPMI118XXB |
| BIG-IP Access Policy Manager Base Module for i10800 | F5-ADD-BIGAPMI108XXB |
| BIG-IP Access Policy Manager Base Module for i7800 | F5-ADD-BIG-APMI78XXB |
| BIG-IP Access Policy Manager Base Module for i5800 | F5-ADD-BIG-APMI58XXB |
| BIG-IP Access Policy Manager Base Module for i4800 | F5-ADD-BIG-APMI48XXB |
| BIG-IP Access Policy Manager Base Module for i2800 | F5-ADD-BIG-APMI28XXB |
| BIG-IP Access Policy Manager Base Module for i15600 | F5-ADD-BIGAPMI156XXB |
| BIG-IP Access Policy Manager Base Module for i11600 | F5-ADD-BIGAPMI116XXB |
| BIG-IP Access Policy Manager Base Module for i11400 | F5-ADD-BIGAPMI114XXB |
| BIG-IP Access Policy Manager Base Module for i10600 | F5-ADD-BIGAPMI106XXB |
| BIG-IP Access Policy Manager Base Module for i7600 | F5-ADD-BIG-APMI76XXB |
| BIG-IP Access Policy Manager Base Module for i5600 | F5-ADD-BIG-APMI56XXB |
| BIG-IP Access Policy Manager Base Module for i4600 | F5-ADD-BIG-APMI46XXB |
| BIG-IP Access Policy Manager Base Module for i2600 | F5-ADD-BIG-APMI26XXB |
| BIG-IP Access Policy Manager Base Module for 10X5Xs (500 Concurrent VPN Users) | F5-ADDBIGAPM10000S-B |

Access Policy Manager (APM) Add-on User Licenses for BIG-IP iSeries

| Description | Part Number |
|--|--------------------|
| BIG-IP Add-on License for Access Policy Manager (10 Concurrent SSL VPN Users) | F5-ADD-BIG-VPN-10 |
| BIG-IP Add-on License for Access Policy Manager (50 Concurrent SSL VPN Users) | F5-ADD-BIG-VPN-50 |
| BIG-IP Add-on License for Access Policy Manager (100 Concurrent SSL VPN Users) | F5-ADD-BIG-VPN-100 |
| BIG-IP Add-on License for Access Policy Manager (500 Concurrent SSL VPN Users) | F5-ADD-BIG-VPN-500 |
| BIG-IP Add-on License for Access Policy Manager (1000 Concurrent SSL VPN Users) | F5-ADD-BIG-VPN-1K |
| BIG-IP Add-on License for Access Policy Manager (5000 Concurrent SSL VPN Users) | F5-ADD-BIG-VPN-5K |
| BIG-IP Add-on License for Access Policy Manager (10000 Concurrent SSL VPN Users) | F5-ADD-BIG-VPN-10K |

VIPRION Access Policy Manager (APM)

| Description | Part Number |
|--|----------------------|
| VIPRION 4800 Access Policy Manager Chassis (8 x Slots, 2 x AC Power Supplies) | F5-VPR-APM-C4800-AC |
| VIPRION 4480 Access Policy Manager Chassis (4 x Slots, 4 x AC Power Supplies) | F5-VPR-APM-C4480-AC |
| VIPRION 4800 Access Policy Manager Chassis NEBS (8 x Slots, 2 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-APM-C4800-DCN |
| VIPRION 4480 Access Policy Manager Chassis NEBS (4 x Slots, 4 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-APM-C4480-DCN |
| VIPRION 4450 Access Policy Manager Blade NEBS (256 GB Memory, 6 x QSFP+ Ports, 2 x QSFP28 Ports, NEBS Level 3 Certified) | F5-VPR-APM-B4450N |
| VIPRION 2400 Access Policy Manager Chassis (4 x Slots, 2 x AC Power Supplies) | F5-VPR-APM-C2400-AC |
| VIPRION 2200 Access Policy Manager Chassis (2 x Slots, 2 x AC Power Supplies) | F5-VPR-APM-C2200-AC |
| VIPRION 2200 Access Policy Manager Chassis (2 x Slots, 2 x DC Power Supplies) | F5-VPR-APM-C2200-DC |
| VIPRION 2250 Access Policy Manager Blade (64 GB Memory, SSD, 4 x QSFP+ Ports) | F5-VPR-APM-B2250 |
| VIPRION 2150 Access Policy Manager Blade (32 GB Memory, SSD, 8 x SFP+ Ports with 2 x 10GBASE-SR Transceivers included) | F5-VPR-APM-B2150 |

Access Policy Manager (APM) Add-on Modules for VIPRION

| Description | Part Number |
|---|----------------------|
| VIPRION Access Policy Manager Max Module for 4800 Chassis (200000 Concurrent VPN Users) | F5-ADD-VPR-APM-C4800 |
| VIPRION Access Policy Manager Max Module for 4480 Chassis (100000 Concurrent VPN Users) | F5-ADD-VPR-APM-C4400 |
| VIPRION Access Policy Manager Base Module for 4800 Chassis (500 Concurrent VPN Users) | F5-ADD-VPRAPM-C4800B |
| VIPRION Access Policy Manager Base Module for 4480 Chassis (500 Concurrent VPN Users) | F5-ADD-VPRAPM-C4400B |
| VIPRION Access Policy Manager Max Module for 2400 Chassis (60000 Concurrent VPN Users) | F5-ADD-VPR-APM-C2400 |
| VIPRION Access Policy Manager Max Module for 2200 Chassis (30000 Concurrent VPN Users) | F5-ADD-VPR-APM-C2200 |
| VIPRION Access Policy Manager Base Module for 2400 Chassis (500 Concurrent VPN Users) | F5-ADD-VPRAPM-C2400B |
| VIPRION Access Policy Manager Base Module for 2200 Chassis (500 Concurrent VPN Users) | F5-ADD-VPRAPM-C2200B |

Access Policy Manager (APM) Add-on User Licenses for VIPRION

| Description | Part Number |
|---|--------------------|
| VIPRION Add-on License for Access Policy Manager (500 Concurrent SSL VPN Users) | F5-ADD-VPR-VPN-500 |
| VIPRION Add-on License for Access Policy Manager (1000 Concurrent SSL VPN Users) | F5-ADD-VPR-VPN-1K |
| VIPRION Add-on License for Access Policy Manager (5000 Concurrent SSL VPN Users) | F5-ADD-VPR-VPN-5K |
| VIPRION Add-on License for Access Policy Manager (10000 Concurrent SSL VPN Users) | F5-ADD-VPR-VPN-10K |
| VIPRION Add-on License for Access Policy Manager (25000 Concurrent SSL VPN Users) | F5-ADD-VPR-VPN-25K |

Privileged User Access (PUA) Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition Privileged User Access Add-on License (1000 Endpoints) | F5-ADD-BIG-VE-PUA-1K |
| BIG-IP Virtual Edition Privileged User Access Add-on License (500 Endpoints) | F5-ADD-BIG-VE-PUA500 |
| BIG-IP Virtual Edition Privileged User Access Add-on License (250 Endpoints) | F5-ADD-BIG-VE-PUA250 |
| BIG-IP Virtual Edition Privileged User Access Add-on License (100 Endpoints) | F5-ADD-BIG-VE-PUA100 |
| BIG-IP Virtual Edition Privileged User Access Add-on License (50 Endpoints) | F5-ADD-BIG-VE-PUA-50 |

Privileged User Access (PUA) Add-on Modules for BIG-IP iSeries

| Description | Part Number |
|---|--------------------|
| BIG-IP Privileged User Access Module (1000 Endpoints) | F5-ADD-BIG-PUA-1K |
| BIG-IP Privileged User Access Module (500 Endpoints) | F5-ADD-BIG-PUA-500 |
| BIG-IP Privileged User Access Module (250 Endpoints) | F5-ADD-BIG-PUA-250 |
| BIG-IP Privileged User Access Module (100 Endpoints) | F5-ADD-BIG-PUA-100 |
| BIG-IP Privileged User Access Module (50 Endpoints) | F5-ADD-BIG-PUA-50 |

Privileged User Access (PUA) Add-on Modules for VIPRION

| Description | Part Number |
|--|--------------------|
| VIPRION Privileged User Access Module (1000 Endpoints) | F5-ADD-VPR-PUA-1K |
| VIPRION Privileged User Access Module (500 Endpoints) | F5-ADD-VPR-PUA-500 |
| VIPRION Privileged User Access Module (250 Endpoints) | F5-ADD-VPR-PUA-250 |
| VIPRION Privileged User Access Module (100 Endpoints) | F5-ADD-VPR-PUA-100 |
| VIPRION Privileged User Access Module for 50 Endpoints | F5-ADD-VPR-PUA-50 |

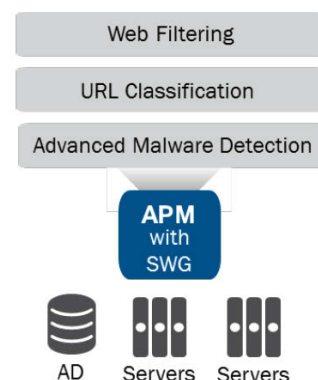
BIG-IP SECURE WEB GATEWAY

Gain insight and control over web traffic

BIG-IP Secure Web Gateway Services can enforce secure web access for on-premises, remote, and mobile users. It also helps protect against web-borne malware, targeted attacks, and other insidious dangers lurking on the web. Secure Web Gateway Services keeps your team connected without putting your network, applications, or data at risk.

Key benefits

- See who is visiting which sites and enable user-based web security policies
- Monitor and control off-premises or cloud-based user web activities
- Log web activity in forensic detail and publish it to leading SIEM solutions
- Use the web-based Splunk App to access aggregated graphical reports



Secure Web Gateway Subscription Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Secure Web Gateway License (10000 Sessions, 1-Year Subscription, 3 Gbps / 5 Gbps / 10 Gbps) | F5-SBS-BIG-SWG-1C1YR |
| BIG-IP Virtual Edition Secure Web Gateway License (5000 Sessions, 1-Year Subscription, 3 Gbps / 5 Gbps / 10 Gbps) | F5-SBS-BIG-SWG-1B1YR |
| BIG-IP Virtual Edition Secure Web Gateway License (500 Sessions, 1-Year Subscription, 25 Mbps / 200 Mbps / 1 Gbps) | F5-SBS-BIG-SWG-1A1YR |
| BIG-IP Virtual Edition Secure Web Gateway License (10000 Sessions, 3-Year Subscription, 3 Gbps / 5 Gbps / 10 Gbps) | F5-SBS-BIG-SWG-1C3YR |
| BIG-IP Virtual Edition Secure Web Gateway License (5000 Sessions, 3-Year Subscription, 3 Gbps / 5 Gbps / 10 Gbps) | F5-SBS-BIG-SWG-1B3YR |
| BIG-IP Virtual Edition Secure Web Gateway License (500 Sessions, 3-Year Subscription, 25 Mbps / 200 Mbps / 1 Gbps) | F5-SBS-BIG-SWG-1A3YR |

Secure Web Gateway (SWG) Subscription Licenses for BIG-IP iSeries

| Description | Part Number |
|---|----------------------|
| BIG-IP Secure Web Gateway License for i15X00 (100000 Sessions, 1-Year Subscription) | F5-SBS-BIG-SWG-101YM |
| BIG-IP Secure Web Gateway License for i15X00 (100000 Sessions, 3-Year Subscription) | F5-SBS-BIG-SWG-103YM |
| BIG-IP Secure Web Gateway License for i11X00 (100000 Sessions, 1-Year Subscription) | F5-SBS-BIG-SWG-9-1YM |
| BIG-IP Secure Web Gateway License for i11X00 (100000 Sessions, 3-Year Subscription) | F5-SBS-BIG-SWG-9-3YM |
| BIG-IP Secure Web Gateway Max License for 10X5Xs/i10X00 (50000 Sessions, 1-Year Subscription) | F5-SBS-BIG-SWG-8-1YM |
| BIG-IP Secure Web Gateway Max License for 10X5Xs/i10X00 (50000 Sessions, 3-Year Subscription) | F5-SBS-BIG-SWG-8-3YM |
| BIG-IP Secure Web Gateway Max License for i7X00 (40000 Sessions, 1-Year Subscription) | F5-SBS-BIG-SWG-7-1YM |
| BIG-IP Secure Web Gateway Max License for i7X00 (40000 Sessions, 3-Year Subscription) | F5-SBS-BIG-SWG-7-3YM |
| BIG-IP Secure Web Gateway License for i15X00 (50000 Sessions, 1-Year Subscription) | F5-SBS-BIG-SWG-101YR |
| BIG-IP Secure Web Gateway License for i15X00 (50000 Sessions, 3-Year Subscription) | F5-SBS-BIG-SWG-103YR |
| BIG-IP Secure Web Gateway License for i11X00 (50000 Sessions, 1-Year Subscription) | F5-SBS-BIG-SWG-9-1YR |
| BIG-IP Secure Web Gateway License for i11X00 (50000 Sessions, 3-Year Subscription) | F5-SBS-BIG-SWG-9-3YR |
| BIG-IP Secure Web Gateway License for 10X5Xs/i10X00 (1-Year Subscription) | F5-SBS-BIG-SWG-8-1YR |
| BIG-IP Secure Web Gateway License for 10X5Xs/i10X00 (3-Year Subscription) | F5-SBS-BIG-SWG-8-3YR |
| BIG-IP Secure Web Gateway License for i7X00 (1-Year Subscription) | F5-SBS-BIG-SWG-7-1YR |
| BIG-IP Secure Web Gateway License for i7X00 (3-Year Subscription) | F5-SBS-BIG-SWG-7-3YR |
| BIG-IP Secure Web Gateway License for i5X00 (1-Year Subscription) | F5-SBS-BIG-SWG-6-1YR |
| BIG-IP Secure Web Gateway License for i5X00 (3-Year Subscription) | F5-SBS-BIG-SWG-6-3YR |
| BIG-IP Secure Web Gateway License for i4X00 (1-Year Subscription) | F5-SBS-BIG-SWG-5-1YR |
| BIG-IP Secure Web Gateway License for i4X00 (3-Year Subscription) | F5-SBS-BIG-SWG-5-3YR |
| BIG-IP Secure Web Gateway License for i2800 (1-Year Subscription) | F5-SBS-BIG-SWG-3-1YR |
| BIG-IP Secure Web Gateway License for i2800 (3-Year Subscription) | F5-SBS-BIG-SWG-3-3YR |
| BIG-IP Secure Web Gateway License for i2600 (1-Year Subscription) | F5-SBS-BIG-SWG-2-1YR |
| BIG-IP Secure Web Gateway License for i2600 (3-Year Subscription) | F5-SBS-BIG-SWG-2-3YR |

Secure Web Gateway (SWG) Subscription Licenses for VIPRION

| Description | Part Number |
|---|----------------------|
| VIPRION Secure Web Gateway License Max for 2X00 Chassis (60000 Sessions, 1-Year Subscription) | F5-SBS-VPR-SWG-1-1YM |
| VIPRION Secure Web Gateway License Max for 2X00 Chassis (60000 Sessions, 3-Year Subscription) | F5-SBS-VPR-SWG-1-3YM |
| VIPRION Secure Web Gateway License for 4800 Chassis (1-Year Subscription) | F5-SBS-VPR-SWG-3-1YR |
| VIPRION Secure Web Gateway License for 4800 Chassis (3-Year Subscription) | F5-SBS-VPR-SWG-3-3YR |
| VIPRION Secure Web Gateway License for 4480 Chassis (1-Year Subscription) | F5-SBS-VPR-SWG-2-1YR |
| VIPRION Secure Web Gateway License for 4480 Chassis (3-Year Subscription) | F5-SBS-VPR-SWG-2-3YR |
| VIPRION Secure Web Gateway License for 2X00 Chassis (1-Year Subscription) | F5-SBS-VPR-SWG-1-1YR |
| VIPRION Secure Web Gateway License for 2X00 Chassis (3-Year Subscription) | F5-SBS-VPR-SWG-1-3YR |

BIG-IP URL FILTERING

Ensure appropriate usage policies

Using the extensive Forcepoint database, URL filtering in BIG-IP Secure Web Gateway Services controls access to websites, web-based applications, protocols, and videos. Secure Web Gateway Services also filters search results based on policy, preventing the display of offensive search results or images. URL filtering is customisable, and it helps reduce and mitigate corporate exposure to web-based threats and data leakage.

| Associated Categories | | |
|-----------------------|-----------------------|------------------|
| Category | Sub-Category | Filtering Action |
| Custom Categories | | + |
| Abortion | | + |
| Adult Material | | + |
| | Nudity | + |
| | Sex | + |
| | Sex Education | + |
| | Lingerie and Swimsuit | + |
| | Adult Content | + |
| Advocacy Groups | | + |
| Bandwidth | | + |
| Business and Economy | | + |
| Drugs | | + |
| Education | | + |
| Entertainment | | + |

URL Filtering Subscription Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition URL Filtering License (20000 Sessions, 1-Year Subscription, High Performance) | F5-SBS-BIG-URL-1E1YR |
| BIG-IP Virtual Edition URL Filtering License (10000 Sessions, 1-Year Subscription, High Performance) | F5-SBS-BIG-URL-1D1YR |
| BIG-IP Virtual Edition URL Filtering License (10000 Sessions, 1-Year Subscription, 3 Gbps / 5 Gbps / 10 Gbps) | F5-SBS-BIG-URL-1C1YR |
| BIG-IP Virtual Edition URL Filtering License (5000 Sessions, 1-Year Subscription, 3 Gbps / 5 Gbps / 10 Gbps) | F5-SBS-BIG-URL-1B1YR |
| BIG-IP Virtual Edition URL Filtering License (500 Sessions, 1-Year Subscription, 25 Mbps / 200 Mbps / 1 Gbps) | F5-SBS-BIG-URL-1A1YR |
| BIG-IP Virtual Edition URL Filtering License (20000 Sessions, 3-Year Subscription, High Performance) | F5-SBS-BIG-URL-1E3YR |
| BIG-IP Virtual Edition URL Filtering License (10000 Sessions, 3-Year Subscription, High Performance) | F5-SBS-BIG-URL-1D3YR |
| BIG-IP Virtual Edition URL Filtering License (10000 Sessions, 3-Year Subscription, 3 Gbps / 5 Gbps / 10 Gbps) | F5-SBS-BIG-URL-1C3YR |
| BIG-IP Virtual Edition URL Filtering License (5000 Sessions, 3-Year Subscription, 3 Gbps / 5 Gbps / 10 Gbps) | F5-SBS-BIG-URL-1B3YR |
| BIG-IP Virtual Edition URL Filtering License (500 Sessions, 3-Year Subscription, 25 Mbps / 200 Mbps / 1 Gbps) | F5-SBS-BIG-URL-1A3YR |

URL Filtering Subscription Licenses for BIG-IP iSeries

| Description | Part Number |
|--|----------------------|
| BIG-IP URL Filtering License for i15X00 (150000 Sessions, 1-Year Subscription) | F5-SBS-BIG-URL-101YM |
| BIG-IP URL Filtering License for i15X00 (150000 Sessions, 3-Year Subscription) | F5-SBS-BIG-URL-103YM |
| BIG-IP URL Filtering License for i11X00 (100000 Sessions, 1-Year Subscription) | F5-SBS-BIG-URL-9-1YM |
| BIG-IP URL Filtering License for i11X00 (100000 Sessions, 3-Year Subscription) | F5-SBS-BIG-URL-9-3YM |
| BIG-IP URL Filtering Max License for 10X5Xs/i10X00 (50000 Sessions, 1-Year Subscription) | F5-SBS-BIG-URL-8-1YM |
| BIG-IP URL Filtering Max License for 10X5Xs/i10X00 (50000 Sessions, 3-Year Subscription) | F5-SBS-BIG-URL-8-3YM |
| BIG-IP URL Filtering Max License for i7X00 (40000 Sessions, 1-Year Subscription) | F5-SBS-BIG-URL-7-1YM |
| BIG-IP URL Filtering Max License for i7X00 (40000 Sessions, 3-Year Subscription) | F5-SBS-BIG-URL-7-3YM |
| BIG-IP URL Filtering License for i15X00 (70000 Sessions, 1-Year Subscription) | F5-SBS-BIG-URL-101YR |
| BIG-IP URL Filtering License for i15X00 (70000 Sessions, 3-Year Subscription) | F5-SBS-BIG-URL-103YR |
| BIG-IP URL Filtering License for i11X00 (50000 Sessions, 1-Year Subscription) | F5-SBS-BIG-URL-9-1YR |
| BIG-IP URL Filtering License for i11X00 (50000 Sessions, 3-Year Subscription) | F5-SBS-BIG-URL-9-3YR |
| BIG-IP URL Filtering License for 10X5Xs/i10X00 (1-Year Subscription) | F5-SBS-BIG-URL-8-1YR |
| BIG-IP URL Filtering License for 10X5Xs/i10X00 (3-Year Subscription) | F5-SBS-BIG-URL-8-3YR |
| BIG-IP URL Filtering License for i7X00 (1-Year Subscription) | F5-SBS-BIG-URL-7-1YR |
| BIG-IP URL Filtering License for i7X00 (3-Year Subscription) | F5-SBS-BIG-URL-7-3YR |
| BIG-IP URL Filtering License for i5X00 (1-Year Subscription) | F5-SBS-BIG-URL-6-1YR |
| BIG-IP URL Filtering License for i5X00 (3-Year Subscription) | F5-SBS-BIG-URL-6-3YR |
| BIG-IP URL Filtering License for i4X00 (1-Year Subscription) | F5-SBS-BIG-URL-5-1YR |
| BIG-IP URL Filtering License for i4X00 (3-Year Subscription) | F5-SBS-BIG-URL-5-3YR |
| BIG-IP URL Filtering License for i2800 (1-Year Subscription) | F5-SBS-BIG-URL-3-1YR |
| BIG-IP URL Filtering License for i2800 (3-Year Subscription) | F5-SBS-BIG-URL-3-3YR |
| BIG-IP URL Filtering License for i2600 (1-Year Subscription) | F5-SBS-BIG-URL-2-1YR |
| BIG-IP URL Filtering License for i2600 (3-Year Subscription) | F5-SBS-BIG-URL-2-3YR |

URL Filtering Subscription Licenses for VIPRION

| Description | Part Number |
|--|----------------------|
| VIPRION URL Filtering License Max for 2X00 Chassis (60000 Sessions, 1-Year Subscription) | F5-SBS-VPR-URL-1-1YM |
| VIPRION URL Filtering License Max for 2X00 Chassis (60000 Sessions, 3-Year Subscription) | F5-SBS-VPR-URL-1-3YM |
| VIPRION URL Filtering License for 4800 Chassis (1-Year Subscription) | F5-SBS-VPR-URL-3-1YR |
| VIPRION URL Filtering License for 4800 Chassis (3-Year Subscription) | F5-SBS-VPR-URL-3-3YR |
| VIPRION URL Filtering License for 4480 Chassis (1-Year Subscription) | F5-SBS-VPR-URL-2-1YR |
| VIPRION URL Filtering License for 4480 Chassis (3-Year Subscription) | F5-SBS-VPR-URL-2-3YR |
| VIPRION URL Filtering License for 2X00 Chassis (1-Year Subscription) | F5-SBS-VPR-URL-1-1YR |
| VIPRION URL Filtering License for 2X00 Chassis (3-Year Subscription) | F5-SBS-VPR-URL-1-3YR |

INFRASTRUCTURE SECURITY

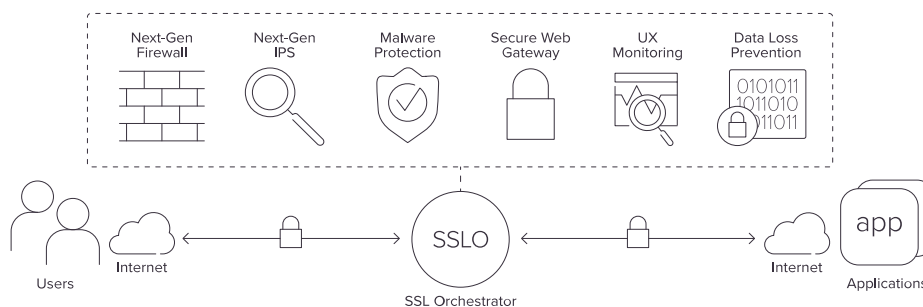
BIG-IP SSL ORCHESTRATOR

Provide visibility into SSL and TLS traffic at scale

F5 SSL Orchestrator maximises infrastructure investments, efficiencies, and security with dynamic, policy-based decryption, encryption, and traffic steering through multiple inspection devices. SSL Orchestrator applies context-based intelligence to allow you to manage the flow of encrypted traffic across your entire security chain. F5 partners with leading security companies, creating an ecosystem that strengthens security, increases scale and availability, and lowers operational costs for everyone.

Key benefits

- Enable visibility into SSL/TLS traffic
- Provide high-performance decryption of inbound and outbound SSL/TLS traffic
- Dynamically chain security devices
- Deliver a single platform for unified inspection
- Flexibly integrate into complex architectures
- Scale security services with high availability



BIG-IP Virtual Edition SSL Orchestrator (SSLO)

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition SSL Orchestrator High Performance (24 vCPUs, v14.x - v18.x) | F5-BIG-SSLO-VE-24V18 |
| BIG-IP Virtual Edition SSL Orchestrator High Performance (20 vCPUs, v14.x - v18.x) | F5-BIG-SSLO-VE-20V18 |
| BIG-IP Virtual Edition SSL Orchestrator High Performance (16 vCPUs, v14.x - v18.x) | F5-BIG-SSLO-VE-16V18 |
| BIG-IP Virtual Edition SSL Orchestrator High Performance (12 vCPUs, v14.x - v18.x) | F5-BIG-SSLO-VE-12V18 |
| BIG-IP Virtual Edition SSL Orchestrator High Performance (8 vCPUs, v14.x - v18.x) | F5-BIG-SSLO-VE-08V18 |

SSL Orchestrator (SSLO) Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition SSL Orchestrator Add-on License High Performance (4 vCPUs) | F5-ADD-BIG-SSLO-VE04 |
| BIG-IP Virtual Edition SSL Orchestrator Add-on License 3 Gbps / 5 Gbps / 10 Gbps | F5-ADD-BIG-SSLO-VE-2 |
| BIG-IP Virtual Edition SSL Orchestrator Add-on License 25 Mbps / 200 Mbps / 1 Gbps | F5-ADD-BIG-SSLO-VE-1 |

SSL and FIPS Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition SSL and Compression Offload Add-on License (High Tier, per Intel QuickAssist Technology device) | F5-ADD-BIG-VE-SSL-H |
| BIG-IP Virtual Edition SSL and Compression Offload Add-on License (Medium Tier, per Intel QuickAssist Technology device) | F5-ADD-BIG-VE-SSL-M |
| BIG-IP Virtual Edition SSL and Compression Offload Add-on License (Low Tier, per Intel QuickAssist Technology device) | F5-ADD-BIG-VE-SSL-L |
| BIG-IP Virtual Edition FIPS Add-on License High Performance | F5-ADD-BIG-VE-F-4 |
| BIG-IP Virtual Edition FIPS Add-on License 1 to 10 Gbps | F5-ADD-BIG-VE-F-3 |
| BIG-IP Virtual Edition FIPS Add-on License 200 Mbps | F5-ADD-BIG-VE-F-2 |
| BIG-IP Virtual Edition License for Network Hardware Security Module | F5-ADD-BIGEXT-HSM-VE |

BIG-IP iSeries SSL Orchestrator (SSLO)

| Description | Part Number |
|---|--------------------|
| BIG-IP i15800 SSL Orchestrator (512 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-SSLO-I15800 |
| BIG-IP i11800 SSL Orchestrator (256 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-SSLO-I11800 |
| BIG-IP i10800 SSL Orchestrator (128 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-SSLO-I10800 |
| BIG-IP i7800 SSL Orchestrator (96 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-SSLO-I7800 |
| BIG-IP i5800 SSL Orchestrator (48 GB Memory, SSD, Max SSL, Max Compression, vCMP) | F5-BIG-SSLO-I5800 |
| BIG-IP i4800 SSL Orchestrator (32 GB Memory, Max SSL, Max Compression) | F5-BIG-SSLO-I4800 |
| BIG-IP i2800 SSL Orchestrator (16 GB Memory, Max SSL, Max Compression) | F5-BIG-SSLO-I2800 |

SSL Orchestrator (SSLO) Add-on Licenses for BIG-IP iSeries

| Description | Part Number |
|---|-------------------|
| BIG-IP SSL Orchestrator License for i15X00 | F5-ADD-BIG-SSLO-5 |
| BIG-IP SSL Orchestrator License for 10X5Xs/i1XX00 | F5-ADD-BIG-SSLO-4 |
| BIG-IP SSL Orchestrator License for i7XX0/i5XX0 | F5-ADD-BIG-SSLO-3 |
| BIG-IP SSL Orchestrator License for i4X00 | F5-ADD-BIG-SSLO-2 |
| BIG-IP SSL Orchestrator License for i2X00 | F5-ADD-BIG-SSLO-1 |

SSL and FIPS Add-on Licenses for BIG-IP iSeries

| Description | Part Number |
|---|--------------------|
| BIG-IP License for Network Hardware Security Module | F5-ADD-BIG-EXT-HSM |
| BIG-IP Full-Box FIPS License for 10X5Xs | F5-ADD-BIG-FB-1 |
| BIG-IP Full-Box FIPS License for i15X00/i11X00/i10X00/i7X00/i5X00/i4X00 | F5-ADD-BIG-FB-2 |

VIPRION SSL Orchestrator (SSLO)

| Description | Part Number |
|---|----------------------|
| VIPRION 4800 SSL Orchestrator Chassis (8 x Slots, 2 x AC Power Supplies) | F5-VPR-SSLO-C4800-AC |
| VIPRION 4480 SSL Orchestrator Chassis (4 x Slots, 4 x AC Power Supplies) | F5-VPR-SSLO-C4480-AC |
| VIPRION 4800 SSL Orchestrator Chassis NEBS (8 x Slots, 2 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-SSLO-C4800DCN |
| VIPRION 4480 SSL Orchestrator Chassis NEBS (4 x Slots, 4 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-SSLO-C4480DCN |
| VIPRION 4450 SSL Orchestrator Blade NEBS (256 GB Memory, 6 x QSFP+ Ports, 2 x QSFP28 Ports, NEBS Level 3 Certified) | F5-VPR-SSLO-B4450N |
| VIPRION 2400 SSL Orchestrator Chassis (4 x Slots, 2 x AC Power Supplies) | F5-VPR-SSLO-C2400-AC |
| VIPRION 2200 SSL Orchestrator Chassis (2 x Slots, 2 x AC Power Supplies) | F5-VPR-SSLO-C2200-AC |
| VIPRION 2200 SSL Orchestrator Chassis (2 x Slots, 2 x DC Power Supplies) | F5-VPR-SSLO-C2200-DC |
| VIPRION 2250 SSL Orchestrator Blade (64 GB Memory, SSD, 4 x QSFP+ Ports) | F5-VPR-SSLO-B2250 |
| VIPRION 2150 SSL Orchestrator Blade (32 GB Memory, SSD, 8 x SFP+ Ports with 2 x 10GBASE-SR Transceivers included) | F5-VPR-SSLO-B2150 |

SSL Orchestrator (SSLO) Add-on Licenses for VIPRION

| Description | Part Number |
|---|----------------------|
| VIPRION SSL Orchestrator License for 4800 Chassis | F5-ADD-VPR-SSLOC4800 |
| VIPRION SSL Orchestrator License for 4480 Chassis | F5-ADD-VPR-SSLOC44X0 |
| VIPRION SSL Orchestrator License for 2X00 Chassis | F5-ADD-VPR-SSLOC2X00 |

SSL and FIPS Add-on Licenses for VIPRION

| Description | Part Number |
|--|--------------------|
| VIPRION SSL License Upgrade for 4800 Chassis (Max TPS) | F5-ADD-VPR-SSL8 |
| VIPRION SSL License Upgrade for 4480/2400 Chassis (Max TPS) | F5-ADD-VPR-SSL4 |
| VIPRION SSL License Upgrade for 2200 Chassis (Max TPS) | F5-ADD-VPR-SSL2 |
| VIPRION Performance Extreme Add-on Module (Max SSL, Max Compression, Advanced Routing) | F5-ADD-VPR-PX |
| VIPRION License for Network Hardware Security Module | F5-ADD-VPR-EXT-HSM |
| VIPRION Full-Box FIPS License for 2X00 Chassis | F5-ADD-VPR-FB-1 |
| VIPRION Full-Box FIPS License for 4800/4480 Chassis | F5-ADD-VPR-FB-2 |

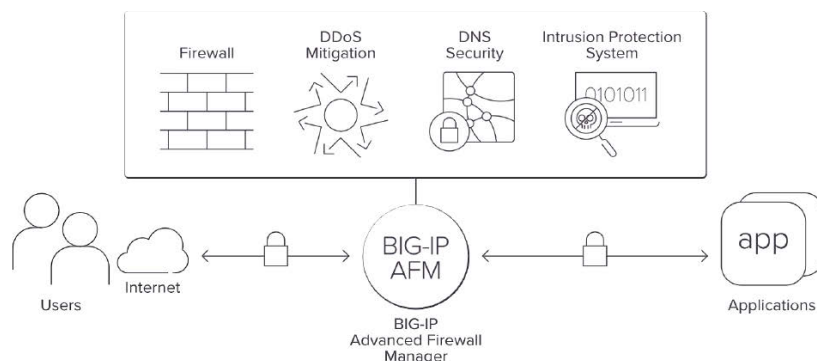
BIG-IP ADVANCED FIREWALL MANAGER

Protect your network against incoming threats

BIG-IP Advanced Firewall Manager (AFM) mitigates network threats before they disrupt critical data center resources. BIG-IP AFM scales to shut down high-capacity DDoS attacks that can overwhelm firewalls and networks. It automatically invokes mitigation, alerts security admins, and configures or adjusts thresholds as traffic patterns change – without affecting legitimate traffic.

Key benefits

- Scale to meet network demand
- Ensure application availability
- Protect with app-centric, full-proxy firewall capabilities
- Inspect SSL sessions
- Streamline firewall deployment
- Customise reporting for visibility



BIG-IP Virtual Edition Advanced Firewall Manager (AFM)

| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition Advanced Firewall Manager High Performance (24 vCPUs, v13.x - v18.x) | F5-BIG-AFM-VE-24-V18 |
| BIG-IP Virtual Edition Advanced Firewall Manager High Performance (20 vCPUs, v13.x - v18.x) | F5-BIG-AFM-VE-20-V18 |
| BIG-IP Virtual Edition Advanced Firewall Manager High Performance (16 vCPUs, v13.x - v18.x) | F5-BIG-AFM-VE-16-V18 |
| BIG-IP Virtual Edition Advanced Firewall Manager High Performance (12 vCPUs, v13.x - v18.x) | F5-BIG-AFM-VE-12-V18 |
| BIG-IP Virtual Edition Advanced Firewall Manager High Performance (8 vCPUs, v13.x - v18.x) | F5-BIG-AFM-VE-08-V18 |
| BIG-IP Virtual Edition Advanced Firewall Manager 10 Gbps (v12.1.x - v18.x) | F5-BIG-AFM-VE-10GV18 |
| BIG-IP Virtual Edition Advanced Firewall Manager 5 Gbps (v12.1.x - v18.x) | F5-BIG-AFM-VE-5G-V18 |
| BIG-IP Virtual Edition Advanced Firewall Manager 3 Gbps (v12.1.x - v18.x) | F5-BIG-AFM-VE-3G-V18 |
| BIG-IP Virtual Edition Advanced Firewall Manager 1 Gbps (v12.1.x - v18.x) | F5-BIG-AFM-VE-1G-V18 |
| BIG-IP Virtual Edition Advanced Firewall Manager 200 Mbps (v12.1.x - v18.x) | F5-BIG-AFM-VE200MV18 |
| BIG-IP Virtual Edition Advanced Firewall Manager 25 Mbps (v12.1.x - v18.x) | F5-BIG-AFM-VE-25MV18 |

Advanced Firewall Manager (AFM) Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|-----------------------|
| BIG-IP Virtual Edition Advanced Firewall Manager Add-on License High Performance (4 vCPUs) | F5-ADD-BIG-AFM-VE-04 |
| BIG-IP Virtual Edition Advanced Firewall Manager Add-on License 10 Gbps | F5-ADD-BIG-AFM-VE-10G |
| BIG-IP Virtual Edition Advanced Firewall Manager Add-on License 5 Gbps | F5-ADD-BIG-AFM-VE5G |
| BIG-IP Virtual Edition Advanced Firewall Manager Add-on License 3 Gbps | F5-ADD-BIG-AFM-VE3G |
| BIG-IP Virtual Edition Advanced Firewall Manager Add-on License 1 Gbps | F5-ADD-BIG-AFM-VE1G |
| BIG-IP Virtual Edition Advanced Firewall Manager Add-on License 200 Mbps | F5-ADD-BIG-AFM-VE200M |
| BIG-IP Virtual Edition Advanced Firewall Manager Add-on License 25 Mbps | F5-ADD-BIG-AFM-VE-25M |
| BIG-IP Virtual Edition Advanced Firewall Manager License Upgrade (5 Gbps to 10 Gbps) | F5-ADD-BIGAFMVEUP10G |
| BIG-IP Virtual Edition Advanced Firewall Manager License Upgrade (3 Gbps to 5 Gbps) | F5-ADD-BIG-AFMVEUP5G |
| BIG-IP Virtual Edition Advanced Firewall Manager License Upgrade (1 Gbps to 3 Gbps) | F5-ADD-BIG-AFMVEUP3G |
| BIG-IP Virtual Edition Advanced Firewall Manager License Upgrade (200 Mbps to 1 Gbps) | F5-ADD-BIG-AFMVEUP1G |
| BIG-IP Virtual Edition Advanced Firewall Manager License Upgrade (25 Mbps to 200 Mbps) | F5-ADDBIGAFMVEUP200M |

BIG-IP iSeries Advanced Firewall Manager (AFM)

| Description | Part Number |
|---|----------------------|
| BIG-IP i15800 Advanced Firewall Manager (512 GB Memory, SSD, Max SSL, Max Compression, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-AFM-i15800 |
| BIG-IP i11800 Advanced Firewall Manager Turbo SSL (256 GB Memory, Dual SSD, Max SSL, Max Compression, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-AFM-i11800-DS |
| BIG-IP i11800 Advanced Firewall Manager (256 GB Memory, SSD, Max SSL, Max Compression, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-AFM-i11800 |
| BIG-IP i10800 Advanced Firewall Manager (128 GB Memory, Dual SSD, Max SSL, Max Compression, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-AFM-i10800-D |
| BIG-IP i10800 Advanced Firewall Manager (128 GB Memory, SSD, Max SSL, Max Compression, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-AFM-i10800 |

| | |
|--|----------------------|
| BIG-IP 17800 Advanced Firewall Manager (96 GB Memory, Dual SSD, Max SSL, Max Compression, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-AFM-17800-D |
| BIG-IP 17800 Advanced Firewall Manager (96 GB Memory, SSD, Max SSL, Max Compression, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-AFM-17800 |
| BIG-IP 15800 Advanced Firewall Manager (48 GB Memory, SSD, Max SSL, Max Compression, Advanced Routing, vCMP) | F5-BIG-AFM-15800 |
| BIG-IP 14800 Advanced Firewall Manager (32 GB Memory, Max SSL, Max Compression, Advanced Routing) | F5-BIG-AFM-14800 |
| BIG-IP 12800 Advanced Firewall Manager (16 GB Memory, Max SSL, Max Compression, Advanced Routing) | F5-BIG-AFM-12800 |
| BIG-IP 115600 Advanced Firewall Manager (512 GB Memory, SSD, Base SSL, Base Compression, Advanced Routing, Dual AC Power Supplies) | F5-BIG-AFM-115600 |
| BIG-IP i11600 Advanced Firewall Manager Turbo SSL (256 GB Memory, Dual SSD, Base SSL, Base Compression, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-AFM-i11600-DS |
| BIG-IP i11600 Advanced Firewall Manager (256 GB Memory, SSD, Base SSL, Base Compression, Advanced Routing, Dual AC Power Supplies) | F5-BIG-AFM-i11600 |
| BIG-IP i11400 Advanced Firewall Manager Turbo SSL (256 GB Memory, Dual SSD, Base SSL, Base Compression, Advanced Routing, vCMP, Dual AC Power Supplies) | F5-BIG-AFM-i11400-DS |
| BIG-IP 110600 Advanced Firewall Manager (128 GB Memory, Dual SSD, Base SSL, Base Compression, Advanced Routing, Dual AC Power Supplies) | F5-BIG-AFM-110600-D |
| BIG-IP i10600 Advanced Firewall Manager (128 GB Memory, SSD, Base SSL, Base Compression, Advanced Routing, Dual AC Power Supplies) | F5-BIG-AFM-i10600 |
| BIG-IP 17600 Advanced Firewall Manager (96 GB Memory, Dual SSD, Base SSL, Base Compression, Advanced Routing, Dual AC Power Supplies) | F5-BIG-AFM-17600-D |
| BIG-IP i7600 Advanced Firewall Manager (96 GB Memory, SSD, Base SSL, Base Compression, Advanced Routing, Dual AC Power Supplies) | F5-BIG-AFM-i7600 |
| BIG-IP i5600 Advanced Firewall Manager (48 GB Memory, SSD, Base SSL, Base Compression, Advanced Routing) | F5-BIG-AFM-i5600 |
| BIG-IP i4600 Advanced Firewall Manager (32 GB Memory, Base SSL, Base Compression, Advanced Routing) | F5-BIG-AFM-i4600 |
| BIG-IP i2600 Advanced Firewall Manager (16 GB Memory, Base SSL, Base Compression, Advanced Routing) | F5-BIG-AFM-i2600 |
| BIG-IP 10150s Advanced Firewall Manager NEBS (128 GB Memory, SSD, Max SSL, Max Compression, Advanced Routing, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-AFM-10150S-N |
| BIG-IP 10350v Advanced Firewall Manager NEBS (128 GB Memory, SSD, Max SSL, Max Compression, Advanced Routing, vCMP, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-AFM-10350V-N |

Advanced Firewall Manager (AFM) Add-on Modules for BIG-IP iSeries

| Description | Part Number |
|--|----------------------|
| BIG-IP Advanced Firewall Manager Module for i15X00 | F5-ADD-BIG-AFMi15XXX |
| BIG-IP Advanced Firewall Manager Module for i11X00 | F5-ADD-BIG-AFMi11XXX |
| BIG-IP Advanced Firewall Manager Module for i10X00 | F5-ADD-BIG-AFMi10XXX |
| BIG-IP Advanced Firewall Manager Module for i7X00 | F5-ADD-BIG-AFM-i7XXX |
| BIG-IP Advanced Firewall Manager Module for i5X00 | F5-ADD-BIG-AFM-i5XXX |
| BIG-IP Advanced Firewall Manager Module for i4X00 | F5-ADD-BIG-AFM-i4XXX |
| BIG-IP Advanced Firewall Manager Module for i2X00 | F5-ADD-BIG-AFM-i2XXX |
| BIG-IP Advanced Firewall Manager Module for 10X5Xs | F5-ADD-BIG-AFM-10000 |

VIPRION Advanced Firewall Manager (AFM)

| Description | Part Number |
|--|----------------------|
| VIPRION 4800 Advanced Firewall Manager Chassis (8 x Slots, 2 x AC Power Supplies) | F5-VPR-AFM-C4800-AC |
| VIPRION 4480 Advanced Firewall Manager Chassis (4 x Slots, 4 x AC Power Supplies) | F5-VPR-AFM-C4480-AC |
| VIPRION 4800 Advanced Firewall Manager Chassis NEBS (8 x Slots, 2 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-AFM-C4800-DCN |
| VIPRION 4480 Advanced Firewall Manager Chassis NEBS (4 x Slots, 4 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-AFM-C4480-DCN |
| VIPRION 4450 Advanced Firewall Manager Blade NEBS (256 GB Memory, 6 x QSFP+ Ports, 2 x QSFP28 Ports, NEBS Level 3 Certified) | F5-VPR-AFM-B4450N |
| VIPRION 2400 Advanced Firewall Manager Chassis (4 x Slots, 2 x AC Power Supplies) | F5-VPR-AFM-C2400-AC |
| VIPRION 2200 Advanced Firewall Manager Chassis (2 x Slots, 2 x AC Power Supplies) | F5-VPR-AFM-C2200-AC |
| VIPRION 2200 Advanced Firewall Manager Chassis (2 x Slots, 2 x DC Power Supplies) | F5-VPR-AFM-C2200-DC |
| VIPRION 2250 Advanced Firewall Manager Blade (64 GB Memory, SSD, 4 x QSFP+ Ports) | F5-VPR-AFM-B2250 |

Advanced Firewall Manager (AFM) Add-on Modules for VIPRION

| Description | Part Number |
|---|----------------------|
| VIPRION Advanced Firewall Manager Module for 4800 Chassis (Max SSL) | F5-ADD-VPR-AFM-C4800 |
| VIPRION Advanced Firewall Manager Module for 4480 Chassis (Max SSL) | F5-ADD-VPR-AFM-C4400 |
| VIPRION Advanced Firewall Manager Module for 2X00 Chassis (Max SSL) | F5-ADD-VPR-AFM-C2400 |

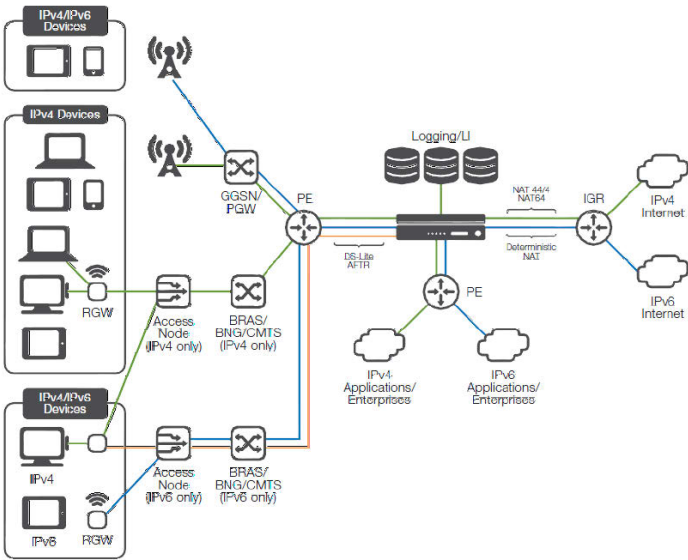
BIG-IP CARRIER GRADE NAT

Stay ahead of the IPv4 to IPv6 migration

BIG-IP Carrier-Grade NAT (CGN) offers a broad set of tools that enables service providers to successfully migrate to IPv6 while continuing to support and interoperate with existing IPv4 devices and content. BIG-IP CGN offers service providers tunneling solutions with Dual-Stack Lite capabilities as well as native network address translation solutions, such as NAT44 and NAT64.

Key benefits

- Optimise network performance with carrier-grade performance and scalability
- Reduce servers and management costs
- Manage address depletion and IPv6 migration with flexible deployment options



BIG-IP Virtual Edition Carrier Grade NAT (CGN)

| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition Carrier Grade NAT High Performance (24 vCPUs, v13.x - v18.x) | F5-BIG-CGN-VE-24-V18 |
| BIG-IP Virtual Edition Carrier Grade NAT High Performance (20 vCPUs, v13.x - v18.x) | F5-BIG-CGN-VE-20-V18 |
| BIG-IP Virtual Edition Carrier Grade NAT High Performance (16 vCPUs, v13.x - v18.x) | F5-BIG-CGN-VE-16-V18 |
| BIG-IP Virtual Edition Carrier Grade NAT High Performance (12 vCPUs, v13.x - v18.x) | F5-BIG-CGN-VE-12-V18 |
| BIG-IP Virtual Edition Carrier Grade NAT High Performance (8 vCPUs, v13.x - v18.x) | F5-BIG-CGN-VE-08-V18 |
| BIG-IP Virtual Edition Carrier Grade NAT 10 Gbps (v12.1.x - v18.x) | F5-BIG-CGN-VE-10GV18 |
| BIG-IP Virtual Edition Carrier Grade NAT 5 Gbps (v12.1.x - v18.x) | F5-BIG-CGN-VE-5G-V18 |
| BIG-IP Virtual Edition Carrier Grade NAT 3 Gbps (v12.1.x - v18.x) | F5-BIG-CGN-VE-3G-V18 |
| BIG-IP Virtual Edition Carrier Grade NAT 1 Gbps (v12.1.x - v18.x) | F5-BIG-CGN-VE-1G-V18 |
| BIG-IP Virtual Edition Carrier Grade NAT 200 Mbps (v12.1.x - v18.x) | F5-BIG-CGN-VE200MV18 |
| BIG-IP Virtual Edition Carrier Grade NAT 25 Mbps (v12.1.x - v18.x) | F5-BIG-CGN-VE-25MV18 |

Carrier Grade NAT (CGN) Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|--|----------------------|
| BIG-IP Virtual Edition Carrier Grade NAT Add-on License High Performance (4 vCPUs) | F5-ADD-BIG-CGN-VE-04 |
| BIG-IP Virtual Edition Carrier Grade NAT Add-on License 10 Gbps | F5-ADD-BIG-CGN-VE10G |
| BIG-IP Virtual Edition Carrier Grade NAT Add-on License 5 Gbps | F5-ADD-BIG-CGN-VE-5G |
| BIG-IP Virtual Edition Carrier Grade NAT Add-on License 3 Gbps | F5-ADD-BIG-CGN-VE-3G |
| BIG-IP Virtual Edition Carrier Grade NAT Add-on License 1 Gbps | F5-ADD-BIG-CGN-VE-1G |
| BIG-IP Virtual Edition Carrier Grade NAT Add-on License 200 Mbps | F5-ADD-BIG-CGNVE200M |
| BIG-IP Virtual Edition Carrier Grade NAT Add-on License 25 Mbps | F5-ADD-BIG-CGN-VE25M |

BIG-IP iSeries Carrier Grade NAT (CGN)

| Description | Part Number |
|---|---------------------|
| BIG-IP i15800 Carrier Grade NAT (512 GB Memory, SSD, Dual AC Power Supplies) | F5-BIG-CGN-i15800 |
| BIG-IP i11800 Carrier Grade NAT (256 GB Memory, SSD, Dual AC Power Supplies) | F5-BIG-CGN-i11800 |
| BIG-IP i10800 Carrier Grade NAT (128 GB Memory, Dual SSD, Dual AC Power Supplies) | F5-BIG-CGN-i10800-D |
| BIG-IP i10800 Carrier Grade NAT (128 GB Memory, SSD, Dual AC Power Supplies) | F5-BIG-CGN-i10800 |
| BIG-IP i7800 Carrier Grade NAT (96 GB Memory, Dual SSD, Dual AC Power Supplies) | F5-BIG-CGN-i7800-D |
| BIG-IP i7800 Carrier Grade NAT (96 GB Memory, SSD, Dual AC Power Supplies) | F5-BIG-CGN-i7800 |
| BIG-IP i5800 Carrier Grade NAT (48 GB Memory, SSD) | F5-BIG-CGN-i5800 |
| BIG-IP i4800 Carrier Grade NAT (32 GB Memory) | F5-BIG-CGN-i4800 |
| BIG-IP i2800 Carrier Grade NAT (16 GB Memory) | F5-BIG-CGN-i2800 |
| BIG-IP i15600 Carrier Grade NAT (512 GB Memory, SSD, Dual AC Power Supplies) | F5-BIG-CGN-i15600 |
| BIG-IP i11600 Carrier Grade NAT (256 GB Memory, SSD, Dual AC Power Supplies) | F5-BIG-CGN-i11600 |
| BIG-IP i10600 Carrier Grade NAT (128 GB Memory, Dual SSD, Dual AC Power Supplies) | F5-BIG-CGN-i10600-D |
| BIG-IP i10600 Carrier Grade NAT (128 GB Memory, SSD, Dual AC Power Supplies) | F5-BIG-CGN-i10600 |

| | |
|--|---------------------|
| BIG-IP 17600 Carrier Grade NAT (96 GB Memory, Dual SSD, Dual AC Power Supplies) | F5-BIG-CGN-I7600-D |
| BIG-IP 17600 Carrier Grade NAT (96 GB Memory, SSD, Dual AC Power Supplies) | F5-BIG-CGN-I7600 |
| BIG-IP i5600 Carrier Grade NAT (48 GB Memory, SSD) | F5-BIG-CGN-I5600 |
| BIG-IP i4600 Carrier Grade NAT (32 GB Memory) | F5-BIG-CGN-I4600 |
| BIG-IP i2600 Carrier Grade NAT (16 GB Memory) | F5-BIG-CGN-I2600 |
| BIG-IP 10350v Carrier Grade NAT NEBS (128 GB Memory, SSD, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-CGN-10350V-N |
| BIG-IP 10150s Carrier Grade NAT NEBS (128 GB Memory, SSD, Dual DC Power Supplies only, NEBS Level 3 Certified) | F5-BIG-CGN-10150S-N |

Carrier Grade NAT (CGN) Add-on Modules for BIG-IP iSeries

| Description | Part Number |
|--|----------------------|
| BIG-IP Carrier Grade NAT Module for i15X00 | F5-ADD-BIG-CGNI15XXX |
| BIG-IP Carrier Grade NAT Module for i11X00 | F5-ADD-BIG-CGNI11XXX |
| BIG-IP Carrier Grade NAT Module for i10X00 | F5-ADD-BIG-CGNI10XXX |
| BIG-IP Carrier Grade NAT Module for i7X00 | F5-ADD-BIG-CGN-I7XXX |
| BIG-IP Carrier Grade NAT Module for i5X00 | F5-ADD-BIG-CGN-I5XXX |
| BIG-IP Carrier Grade NAT Module for i4X00 | F5-ADD-BIG-CGN-I4XXX |
| BIG-IP Carrier Grade NAT Module for i2X00 | F5-ADD-BIG-CGN-I2XXX |
| BIG-IP Carrier Grade NAT Module for 10X5Xs | F5-ADD-BIG-CGN-10000 |

VIPRION Carrier Grade NAT (CGN)

| Description | Part Number |
|--|----------------------|
| VIPRION 4800 Carrier Grade NAT Chassis (8 x Slots, 2 x AC Power Supplies) | F5-VPR-CGN-C4800-AC |
| VIPRION 4480 Carrier Grade NAT Chassis (4 x Slots, 4 x AC Power Supplies) | F5-VPR-CGN-C4480-AC |
| VIPRION 4800 Carrier Grade NAT Chassis NEBS (8 x Slots, 2 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-CGN-C4800-DCN |
| VIPRION 4480 Carrier Grade NAT Chassis NEBS (4 x Slots, 4 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-CGN-C4480-DCN |
| VIPRION 4450 Carrier Grade NAT Blade NEBS (256 GB Memory, 6 x QSFP+ Ports, 2 x QSFP28 Ports, NEBS Level 3 Certified) | F5-VPR-CGN-B4450N |
| VIPRION 2400 Carrier Grade NAT Chassis (4 x Slots, 2 x AC Power Supplies) | F5-VPR-CGN-C2400-AC |
| VIPRION 2200 Carrier Grade NAT Chassis (2 x Slots, 2 x AC Power Supplies) | F5-VPR-CGN-C2200-AC |
| VIPRION 2200 Carrier Grade NAT Chassis (2 x Slots, 2 x DC Power Supplies) | F5-VPR-CGN-C2200-DC |
| VIPRION 2250 Carrier Grade NAT Blade (64 GB Memory, SSD, 4 x QSFP+ Ports) | F5-VPR-CGN-B2250 |
| VIPRION 2150 Carrier Grade NAT Blade (32 GB Memory, SSD, 8 x SFP+ Ports with 2 x 10GBASE-SR Transceivers included) | F5-VPR-CGN-B2150 |

Carrier Grade NAT (CGN) Add-on Modules for VIPRION

| Description | Part Number |
|----------------------------------|----------------|
| VIPRION Carrier Grade NAT Module | F5-ADD-VPR-CGN |

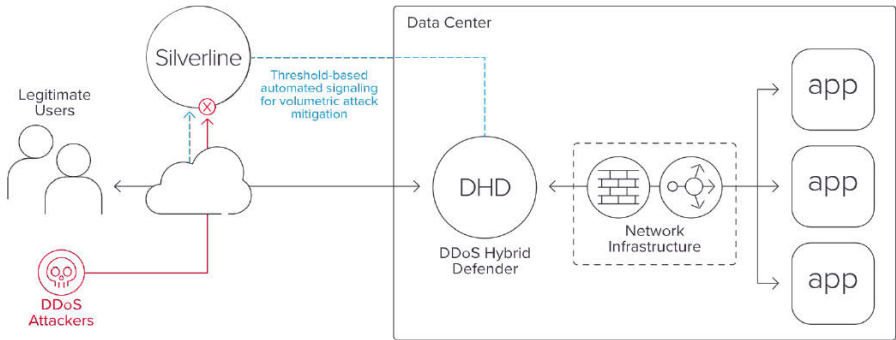
BIG-IP DDOS HYBRID DEFENDER

Hybrid DDoS defence for the data center

F5 DDoS Hybrid Defender provides comprehensive DDoS protection for your network and at the application layer with flexibility and scale for inline, out-of-band, and hybrid deployments. DDoS Hybrid Defender is the only multi-layered defence that protects against blended network attacks and sophisticated application attacks, while enabling full SSL decryption, anti-bot capabilities, and advanced detection methods – all in one appliance.

Key benefits

- Stateful security, stateless scale
- Ultra-resilient hybrid design
- Operations speed
- Self-tuning and automated behavioural defence
- F5 security intelligence
- Deployment where you need it most



BIG-IP Virtual Edition DDoS Hybrid Defender (DHD)

| Description | Part Number |
|---|----------------------|
| BIG-IP Virtual Edition DDoS Hybrid Defender High Performance (8 vCPUs, v13.x - v18.x) | F5-BIG-DDOS-VE-08V18 |

DDoS Hybrid Defender (DHD) Add-on Licenses for BIG-IP Virtual Edition

| Description | Part Number |
|---|-----------------------|
| BIG-IP Virtual Edition DDoS Hybrid Defender Add-on License High Performance (8 vCPUs) | F5-ADD-BIG-DDOS-VE-04 |

BIG-IP iSeries DDoS Hybrid Defender (DHD)

| Description | Part Number |
|--|---------------------|
| BIG-IP i115800 DDoS Hybrid Defender (512 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-DDOS-i115800 |
| BIG-IP i11800 DDoS Hybrid Defender (256 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-DDOS-i11800 |
| BIG-IP i10800 DDoS Hybrid Defender (128 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-DDOS-i10800 |
| BIG-IP i7800 DDoS Hybrid Defender (96 GB Memory, SSD, Max SSL, Max Compression, vCMP, Dual AC Power Supplies) | F5-BIG-DDOS-i7800 |
| BIG-IP i5800 DDoS Hybrid Defender (48 GB Memory, SSD, Max SSL, Max Compression) | F5-BIG-DDOS-i5800 |

VIPRION DDoS Hybrid Defender (DHD)

| Description | Part Number |
|---|----------------------|
| VIPRION 4800 DDoS Hybrid Defender Chassis (8 x Slots, 2 x AC Power Supplies) | F5-VPR-DDOS-C4800-AC |
| VIPRION 4480 DDoS Hybrid Defender Chassis (4 x Slots, 4 x AC Power Supplies) | F5-VPR-DDOS-C4480-AC |
| VIPRION 4800 DDoS Hybrid Defender Chassis NEBS (8 x Slots, 2 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-DDOS-C4800DCN |
| VIPRION 4480 DDoS Hybrid Defender Chassis NEBS (4 x Slots, 4 x DC Power Supplies, NEBS Level 3 Certified) | F5-VPR-DDOS-C4480DCN |
| VIPRION 4450 DDoS Hybrid Defender Blade NEBS (256 GB Memory, 6 x QSFP+ Ports, 2 x QSFP28 Ports, NEBS Level 3 Certified) | F5-VPR-DDOS-B4450N |

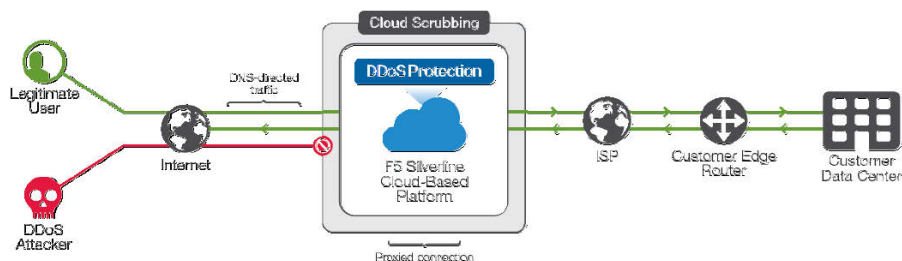
SILVERLINE MANAGED DDOS PROTECTION SERVICES

Cloud-delivered DDoS protection

Silverline DDoS Protection is a fully managed, cloud-delivered service that detects and mitigates large-scale, SSL, or application-targeted attacks in real time – defending your business from even those attacks that exceed hundreds of gigabits per second. Silverline reduces the burden on in-house security teams with cloud-based DDoS protections. It includes 24x7 access to experts from F5's Security Operations Center.

Key benefits

- Keep business online during a DDoS attack
- Protect against all DDoS attack vectors
- Gain attack mitigation insights
- Defend against volumetric attacks
- Get expert service
- Drive efficiencies with hybrid DDoS solution



Silverline DDoS Protection Subscription Services

| Description | Part Number |
|---|-----------------|
| Silverline DDoS Protection Offering | F5-FAS-DOS |
| Silverline DDoS Protection Service Always On (Base, 1-Month Subscription) | F5-FAS-DOS-AO |
| Silverline DDoS Protection Service Always Available (Base, 1-Month Subscription) | F5-FAS-DOS-AA |
| Throughput for Silverline DDoS Protection Service Always On (Per 1 Mbps Clean Bandwidth) | F5-FAS-DOS-TPAO |
| Throughput for Silverline DDoS Protection Service Always Available (Per 1 Mbps Clean Bandwidth) | F5-FAS-DOS-TPAA |

Additional Options for Silverline DDoS Protection Subscription Services

| Description | Part Number |
|--|--------------|
| Additional Data Center for Silverline DDoS Protection Service (1-Month Subscription) | F5-FAS-DC |
| Additional Proxy Address for Silverline DDoS Protection Service (1-Month Subscription) | F5-FAS-IP |
| Router Monitoring for Silverline DDoS Protection Service (1-Month Subscription) | F5-FAS-RM |
| Silverline Service Deployment Fee (standard hours) | F5-UTL-FEE-S |
| Silverline Service Deployment Fee (premium hours) | F5-UTL-FEE-P |

Silverline Shape Defense Bot Protection Subscription Services

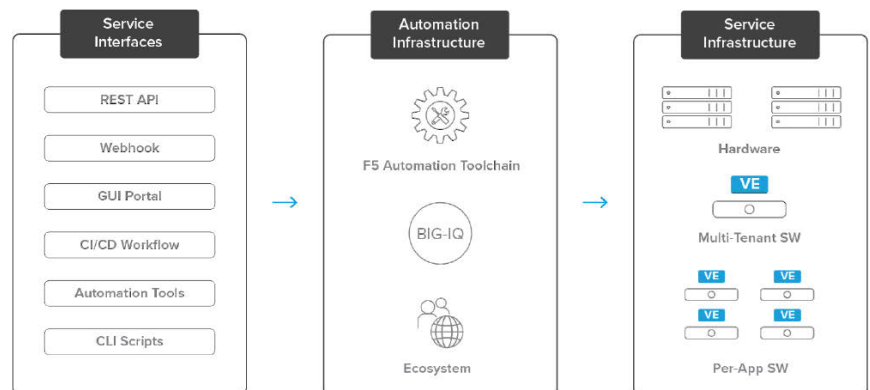
| Description | Part Number |
|--|-----------------|
| Silverline Shape Defense Bot Protection Offering | F5-FAS-BOT |
| Silverline Shape Defense Bot Protection Service (Base, 1-Month Subscription) | F5-FAS-BOT-MGND |
| Throughput for Silverline Shape Defense Bot Protection Service (Per 1 Mbps) | F5-FAS-BOT-TP |
| Fully Qualified Domain Name for Silverline Shape Defense Bot Protection Service (One FQDN, 1-Month Subscription) | F5-FAS-BOT-FQDN |

AUTOMATION, ORCHESTRATION, AND MANAGEMENT

AUTOMATION TOOLCHAIN

Empower DevOps with automation tools

F5 Automation Toolchain is a set of automation tools that makes it faster and easier to deploy and configure application services. The toolchain allows services such as traffic management and application security to be managed programmatically, through simple, declarative APIs. F5 Automation Toolchain enables developers to programmatically extend F5 application services and integrate with CI/CD toolchains, orchestration systems, and 3rd-party ecosystems.



Key benefits

- Faster and easier deploy and configure F5 devices and application services
- Easily implement agile methodology with declarative model
- Integrate with 3rd-party automation and orchestration systems
- Monitor and analyse applications through BIG-IP or Telemetry Streaming
- Manage application-specific configurations on BIG-IP

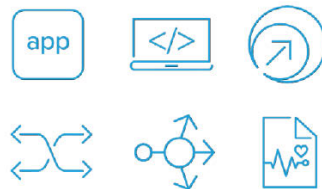
TECHNOLOGIES AND PROGRAMMABILITY

Technologies to deliver every app, anywhere

F5 technologies help deliver applications and data with greater agility, security, availability, performance, and scalability. F5 products and the platforms they run on ensure your apps are fast, secure, and available – anywhere on any device.

Key technologies

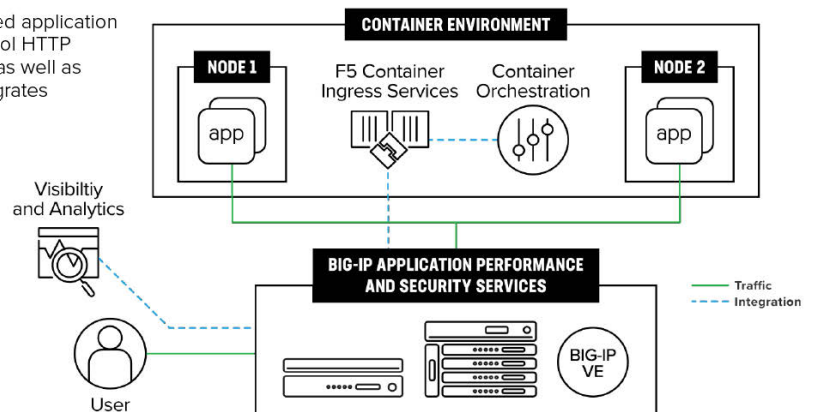
- **iApps**: Automating and saving time
- **iRules**: Custom scripting
- **iControl LX**: Programmable extensibility layer
- **iControl REST**: Integration at your fingertips
- **iCall**: Device configuration
- **iHealth**: Diagnostic tool for BIG-IP



BIG-IP CONTAINER INGRESS SERVICES

Deploy faster with self-service and automated app scale and security

F5 Container Ingress Services makes it easy to deliver advanced application services to your container deployments, enabling ingress control HTTP routing, load balancing, and application delivery performance, as well as robust security services. Container Ingress Services easily integrates BIG-IP solutions with native container environments, such as Kubernetes, and PaaS container orchestration and management systems, such as Red Hat OpenShift.



Key benefits

- Dynamic application services for PaaS and containers
- Self-service selection and automated event discovery
- Scalability and security with app services insertion
- Faster deployment and end-to-end visibility

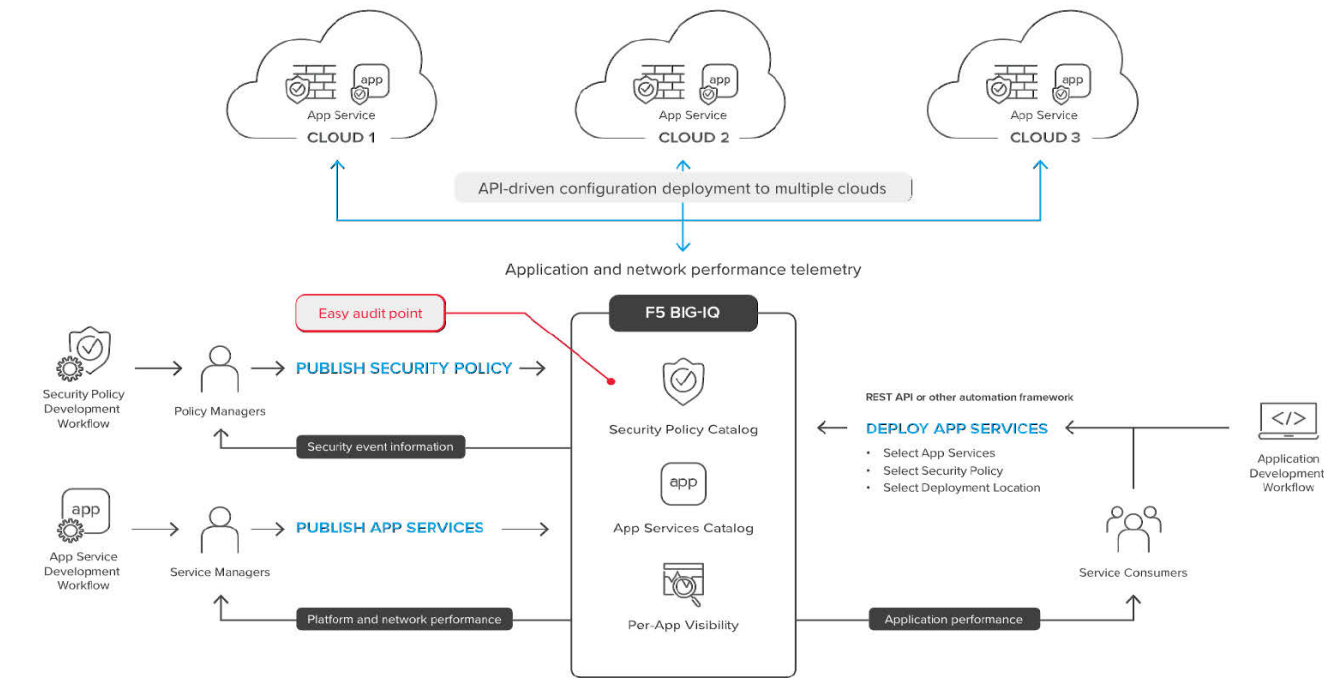
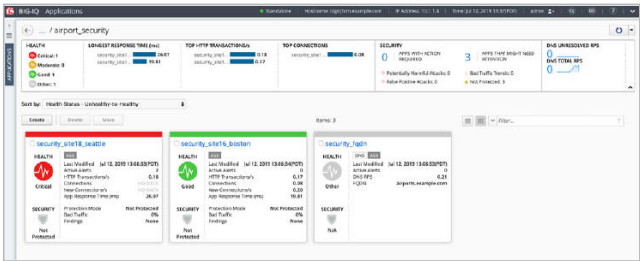
BIG-IQ CENTRALIZED MANAGEMENT

Simplified management in an app-centric world

BIG-IQ Centralized Management provides a unified point of control for your entire F5 portfolio – devices, modules, and licences – helping you deliver optimal application availability, performance, and security. BIG-IQ supports BIG-IP Virtual Editions (VEs), BIG-IP Per-App VEs, BIG-IP iSeries appliances, and VIPRION platforms. BIG-IQ manages policies, licences, SSL certificates, images, and configurations for F5 appliances and modules.

Key benefits

- Spin-up application services across cloud and on-premises environments
- Create new Virtual Editions directly from BIG-IQ
- Holistically manage up to 1200 BIG-IP devices
- Automate and simplify certificate and key management
- Configure and centrally manage encrypted traffic policies
- Fine-tune and deploy threat campaign mitigation for F5 Advanced WAF
- Automate device provisioning with Declarative Onboarding
- Integrate with popular automation platforms and CI/CD pipeline tools



BIG-IQ Virtual Edition Centralized Manager

| Description | Part Number |
|---|-------------------|
| BIG-IQ Virtual Edition Centralized Manager (Max BIG-IP Instances) | F5-BIQ-VE-MAX |
| BIG-IQ Virtual Edition Centralized Manager (100 BIG-IP Instances) | F5-BIQ-VE-M |
| BIG-IQ Virtual Edition Centralized Manager (30 BIG-IP Instances) | F5-BIQ-VE-S |
| BIG-IQ Virtual Edition Centralized Manager (5 BIG-IP Instances) | F5-BIQ-VE-XS |
| BIG-IQ Virtual Edition Add-on License for Max BIG-IP Instances | F5-ADD-BIQ-VE-MAX |
| BIG-IQ Virtual Edition Add-on License for 20 BIG-IP Instances | F5-ADD-BIQ-VE-20 |
| BIG-IQ Virtual Edition Lab License (Full Management for 2 Devices, License Management for 25 Devices) | F5-BIQ-VE-LAB |
| BIG-IQ Virtual Edition Lab Add-on License (License Management for 25 Devices) | F5-ADD-BIQ-LAB-25 |

BIG-IQ Cloud Edition Centralized Manager

| Description | Part Number |
|---|--------------------|
| BIG-IQ Cloud Edition Centralized Manager (Max BIG-IP Cloud Edition Instances) | F5-BIQ-CE-MAX |
| BIG-IQ Centralized Manager Data Collection Device | F5-BIQ-VE-LOG-NODE |

BIG-IQ 7000 Centralized Manager

| Description | Part Number |
|--|---------------------|
| BIG-IQ 7000 Centralized Manager (Max BIG-IP Instances) | F5-BIQ-7000-MAX |
| BIG-IQ 7000 Centralized Manager (100 BIG-IP Instances) | F5-BIQ-7000-M |
| BIG-IQ 7000 Centralized Manager (30 BIG-IP Instances) | F5-BIQ-7000-S |
| BIG-IQ 7000 Centralized Manager (5 BIG-IP Instances) | F5-BIQ-7000-XS |
| BIG-IQ 7000 Add-on License for Max BIG-IP Instances | F5-ADD-BIQ-7000-MAX |
| BIG-IQ 7000 Add-on License for 20 BIG-IP Instances | F5-ADD-BIQ-7000-20 |

BIG-IP SovLabs Integration

| Description | Part Number |
|---|----------------------|
| BIG-IP SovLabs Starter Integration (250 VMs, 1-Year Subscription, Basic Support) | F5-SBS-BIG-SOVSTR1YR |
| BIG-IP SovLabs Basic Integration (500 VMs, 1-Year Subscription, Basic Support) | F5-SBS-BIG-SOVBAS1YR |
| BIG-IP SovLabs Advanced Integration (1000 VMs, 1-Year Subscription, Basic Support) | F5-SBS-BIG-SOVADV1YR |
| BIG-IP SovLabs Enterprise Integration (2500 VMs, 1-Year Subscription, Basic Support) | F5-SBS-BIG-SOVENT1YR |
| BIG-IP SovLabs Starter Integration (250 VMs, 1-Year Subscription, Basic Support, Professional Services) | F5-SBSBIGSOVSTRPS1YR |
| BIG-IP SovLabs Basic Integration (500 VMs, 1-Year Subscription, Basic Support, Professional Services) | F5-SBSBIGSOVBASPS1YR |
| BIG-IP SovLabs Advanced Integration (1000 VMs, 1-Year Subscription, Basic Support, Professional Services) | F5-SBSBIGSOVADVPS1YR |
| BIG-IP SovLabs Enterprise Integration (2500 VMs, 1-Year Subscription, Basic Support, Professional Services) | F5-SBSBIGSOVENTPS1YR |

NGINX CONTROLLER APPLICATION DELIVERY PLATFORM

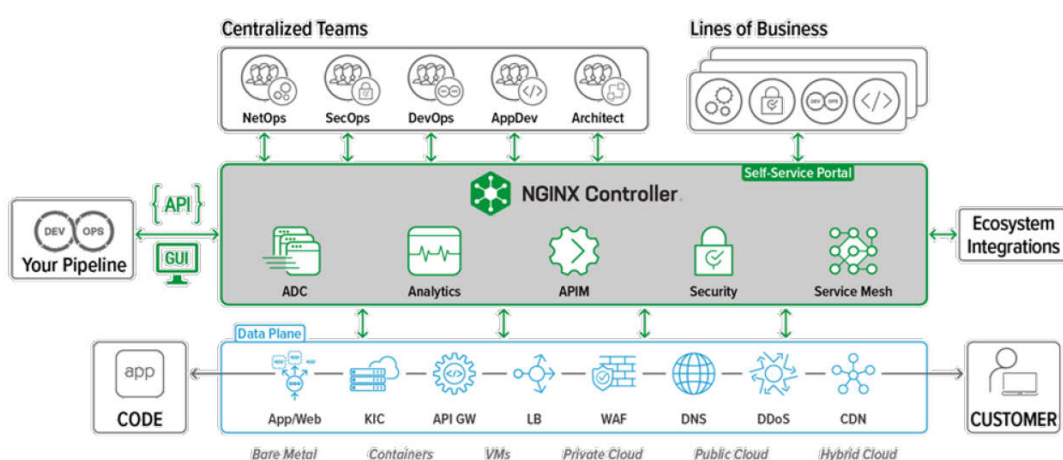
NGINX Controller

DevOps driven, multi cloud application platform for modern app teams

From NetOps to DevOps, modern app teams need a self service, API driven platform that integrates easily into CI/CD workflows to accelerate app deployment – whether your app has a hybrid or microservices architecture – and makes app lifecycle management easier. Built to manage NGINX Plus instances, NGINX Controller is a cloud-native, secure, and high-performance application delivery platform.

Key benefits

- **Simplify code to customer delivery:** Increase your speed to market by eliminating tool sprawl
- **Gain application insights:** Improve your app performance and uptime by leveraging valuable analytics and actionable insights
- **Win loyal customers:** Give your customers something to rave about by accelerating delivery of your digital experiences



| Description | Part Number |
|---|----------------------|
| NGINX Controller Application Delivery (Per Month, 50 Workloads, Max 100 GB Aggregate Data Per Hour) | F5-NGX-CTRL-AD-50WL |
| NGINX Controller Application Delivery (Per Month, 100 Workloads, Max 200 GB Aggregate Data Per Hour) | F5-NGX-CTRL-AD-100WL |
| NGINX Controller Application Delivery (Per Month, 250 Workloads, Max 500 GB Aggregate Data Per Hour) | F5-NGX-CTRL-AD-250WL |
| NGINX Controller Application Delivery (Per Month, 500 Workloads, Max 1 TB Aggregate Data Per Hour) | F5-NGX-CTRL-AD-500WL |
| NGINX Controller Application Delivery (Per Month, 1000 Workloads, Max 2 TB Aggregate Data Per Hour) | F5-NGX-CTRL-AD-1KWL |
| NGINX Controller Application Delivery (Per Month, 100 GB Aggregate Data Per Hour) | F5-NGX-CTRL-AD-100GB |
| NGINX Controller Application Delivery (Per Month, 200 GB Aggregate Data Per Hour) | F5-NGX-CTRL-AD-200GB |
| NGINX Controller Application Delivery (Per Month, 500 GB Aggregate Data Per Hour) | F5-NGX-CTRL-AD-500GB |
| NGINX Controller Application Delivery (Per Month, 1 TB Aggregate Data Per Hour) | F5-NGX-CTRL-AD-1TB |
| NGINX Controller Application Delivery (Per Month, 2 TB Aggregate Data Per Hour) | F5-NGX-CTRL-AD-2TB |
| NGINX Controller Base License with Enterprise Support (Per Month, 7x24 Support) | F5-NGX-CTRL-BASE-ENT |
| NGINX Controller Configuration License with Enterprise Support (Per Month, 7x24 Support) | F5-NGX-CTRL-ENT-CFG |
| NGINX Controller Base License Non-Production with Enterprise Support (Per Month, 7x24 Support) | F5-NGX-CTRL-BASE-NP |
| NGINX Controller Configuration License Non-Production with Enterprise Support (Per Month, 7x24 Support) | F5-NGX-CTRL-NP-CFG |
| Analytics Module for NGINX Controller (Per Month, 5 Instances) | F5-NGX-CTRL-AM-ENT |
| Analytics Module for NGINX Controller (Per Month, 1 Instance) | F5-NGX-CTRL-AM-IN |

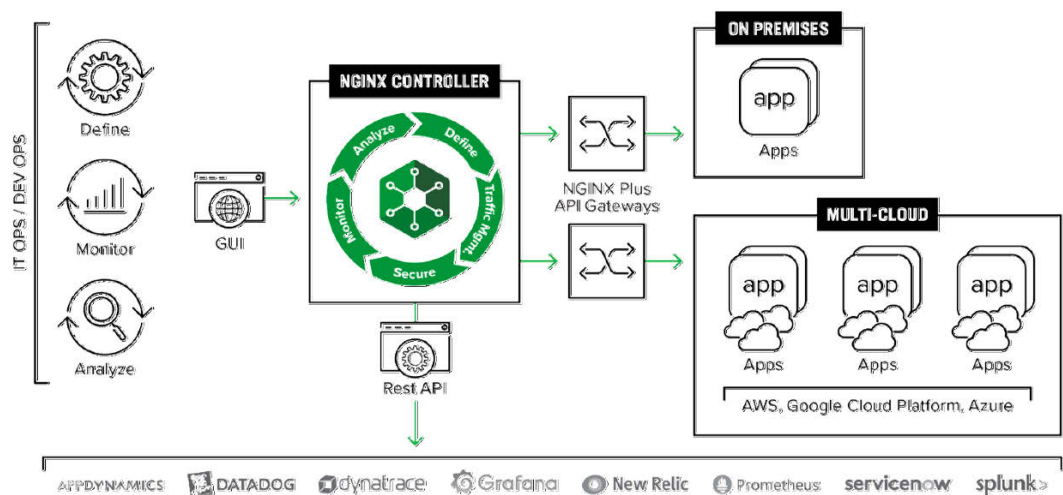
API Management Module for NGINX Controller

Robust API management solution

The API Management Module combines the raw power and efficiency of NGINX Plus as an API gateway with new control plane functionality. NGINX Controller empowers teams to define, publish, secure, monitor, and analyse APIs, while keeping developers in control of API design. Rich monitoring and alerting capabilities help ensure application availability, performance, and reliability.

Key benefits

- **API definition and publication:** Define APIs, manage upstream groups and backend servers, route resources to upstreams, publish configuration files
- **Authentication and authorisation:** Create and manage API keys, authenticate API consumers, share and import keys
- **Rate limiting:** Mitigate DDoS attacks and protect applications, enforce rate limits
- **Visibility:** Troubleshoot faster by gaining deep visibility and critical insights into more than 200 metrics
- **Multi-cloud support:** Deploy on any public or private cloud to manage multiple API gateway instances



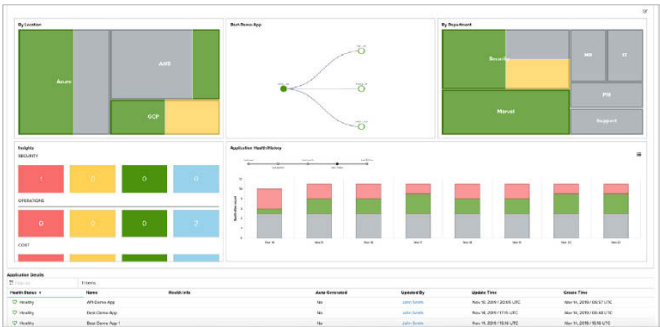
| Description | Part Number |
|--|----------------------|
| API Management Module for NGINX Controller (Per Month) | F5-NGX-CTRL-API-ENT |
| API Requests for NGINX Controller (Per Month, Up to 250 Million) | F5-NGX-CTRL-APIM250M |
| API Requests for NGINX Controller (Per Month, Up to 1 Billion) | F5-NGX-CTRL-APIM-1B |
| API Requests for NGINX Controller (Per Month, Up to 5 Billion) | F5-NGX-CTRL-APIM-5B |
| API Requests for NGINX Controller (Per Month, Up to 20 Billion) | F5-NGX-CTRL-APIM-20B |
| API Requests for NGINX Controller (Per Month, Up to 75 Billion) | F5-NGX-CTRL-APIM-75B |
| API Requests for NGINX Controller (Per Month, Up to 275 Billion) | F5-NGX-CTRL-APIM275B |
| API Requests for NGINX Controller (Per Month, Up to 1 Trillion) | F5-NGX-CTRL-APIM-1T |

BEACON APPLICATION VISIBILITY AND ANALYTICS

Beacon Cloud Service

Application visibility and analytics

F5 Beacon empowers you to achieve full visibility across your application landscape, obtain app insights and business intelligence, and make fast, impactful, and better-informed decisions. With the Beacon Insight Engine, you can leverage pre-built insights or create your own custom insights. Beacon also integrates with many types of deployment across hybrid and multi-cloud environments – and provides a rich set of app stats in a simple, easy-to-consume SaaS model.



Key benefits

- Achieve full visibility, transparency, and monitoring of your application landscape
- Get simple, powerful, easy-to-consume insights
- Make fast and impactful decisions based on app dashboards and analytics
- Integrate across your ecosystem for actionable intelligence on your business capabilities

| Description | Part Number |
|--|-----------------|
| Beacon Cloud Service Subscription (Per Application or Custom Insight, Per Month) | F5-CS-BCN-SUB-1 |

GLOBAL SERVICES

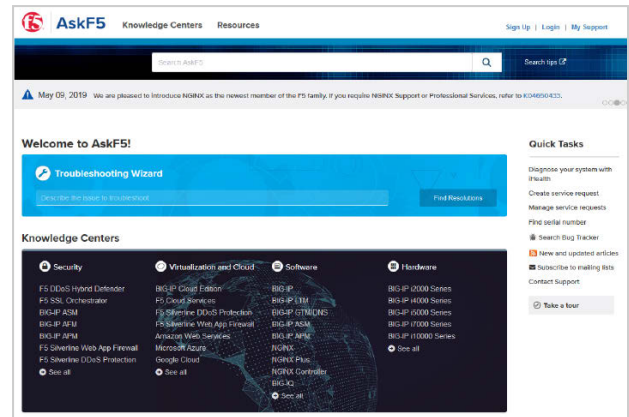
From downloads to training to community discussions

F5 Global Services offers world-class support, training, and consulting to help you get the most from your F5 investment. Whether it's providing fast answers to questions, training internal teams, or handling entire implementations from design to deployment, F5 Global Services can help ensure your applications are always secure, fast, and reliable.

SUPPORT SERVICES

Global reach, local touch

F5 Network Support Centers are strategically located for partners and customers and regionally located support centers enable F5 to provide support in a number of languages through native-speaking support engineers. Support options include business day response centers, premium around-the-clock access, or a dedicated support team assigned to your account. The AskF5 Knowledge Base houses product guides, release notes, solutions to known issues, how-to and hotfix information, downloads, and more.



Support Services for Application Services Products

| Description | Part Number |
|---|----------------------|
| Level 1-3 Premium Service for BIG-IP (7x24) | F5-SVC-BIG-PRE-L1-3 |
| Level 1-3 Standard Service for BIG-IP (5x10) | F5-SVC-BIG-STD-L1-3 |
| Level 1-3 Premium Service for BIG-IP Virtual Edition (7x24) (VersionPlus only) | F5-SVC-BIG-VE+PREL13 |
| Level 1-3 Standard Service for BIG-IP Virtual Edition (5x10) (VersionPlus only) | F5-SVC-BIG-VE+STD13 |
| Level 1-3 Premium Service for BIG-IP Virtual Edition (7x24) | F5-SVC-BIG-VE-PREL13 |
| Level 1-3 Standard Service for BIG-IP Virtual Edition (5x10) | F5-SVC-BIG-VE-STD13 |
| Level 1-3 Premium Service for VIPRION (7x24) | F5-SVC-VPR-PRE-L1-3 |
| Four-Hour Hardware Replacement Service (RMA) for BIG-IP (on-site technician) | F5-SVC-BIG-RMA-4-E |
| Four-Hour Hardware Replacement Service (RMA) for BIG-IP | F5-SVC-BIG-RMA-3 |
| Next-Business-Day Hardware Replacement Service (RMA) for BIG-IP | F5-SVC-BIG-RMA-2 |
| Four-Hour Hardware Replacement Service (RMA) for VIPRION (on-site technician) | F5-SVC-VPR-RMA-4-E |
| Four-Hour Hardware Replacement Service (RMA) for VIPRION | F5-SVC-VPR-RMA-3 |
| Next-Business-Day Hardware Replacement Service (RMA) for VIPRION | F5-SVC-VPR-RMA-2 |

Support Services for Management Products

| Description | Part Number |
|--|----------------------|
| Level 1-3 Premium Service for Enterprise Manager (7x24) | F5-SVC-EM-PRE-L1-3 |
| Level 1-3 Standard Service for Enterprise Manager (5x10) | F5-SVC-EM-STD-L1-3 |
| Four-Hour Hardware Replacement Service (RMA) for Enterprise Manager (on-site technician) | F5-SVC-EM-RMA-4-E |
| Four-Hour Hardware Replacement Service (RMA) for Enterprise Manager | F5-SVC-EM-RMA-3 |
| Next-Business-Day Hardware Replacement Service (RMA) for Enterprise Manager | F5-SVC-EM-RMA-2 |
| Level 1-3 Premium Service for Enterprise Manager Virtual Edition (7x24) | F5-SVC-EM-VE-PREL13 |
| Level 1-3 Standard Service for Enterprise Manager Virtual Edition (5x10) | F5-SVC-EM-VE-STD13 |
| Level 1-3 Premium Service for BIG-IQ (7x24) | F5-SVC-BIQ-PRE-L1-3 |
| Level 1-3 Standard Service for BIG-IQ (5x10) | F5-SVC-BIQ-STD-L1-3 |
| Four-Hour Hardware Replacement Service (RMA) for BIG-IQ (on-site technician) | F5-SVC-BIQ-RMA-4-E |
| Four-Hour Hardware Replacement Service (RMA) for BIG-IQ | F5-SVC-BIQ-RMA-3 |
| Next-Business-Day Hardware Replacement Service (RMA) for BIG-IQ | F5-SVC-BIQ-RMA-2 |
| Level 1-3 Premium Service for BIG-IQ Virtual Edition (7x24) | F5-SVC-BIQ-VE-PREL13 |
| Level 1-3 Standard Service for BIG-IQ Virtual Edition (5x10) | F5-SVC-BIQ-VE-STD13 |

Support Services for Service Provider Products

| Description | Part Number |
|---|-------------------|
| BIG-IP Essential Technical Services for Service Providers | F5-SVC-BIG-SPE |
| BIG-IP Virtual Edition Essential Technical Services for Service Providers | F5-SVC-BIG-VE-SPE |
| VIPRION Essential Technical Services for Service Providers | F5-SVC-VPR-SPE |
| BIG-IQ Essential Technical Services for Service Providers | F5-SVC-BIQ-SPE |
| BIG-IQ Virtual Edition Essential Technical Services for Service Providers | F5-SVC-BIQ-VE-SPE |

Support Services for NGINX Products

| Description | Part Number |
|-----------------------------------|----------------|
| NGINX Enterprise Support (7x24) | F5-NGX-SPT-ENT |
| NGINX Professional Support (7x24) | F5-NGX-SPT-PRO |
| NGINX Basic Support (5x9) | F5-NGX-SPT-BAS |
| NGINX Standard Support (5x10) | F5-NGX-SPT-STD |
| NGINX Premium Support (7x24) | F5-NGX-SPT-PRE |

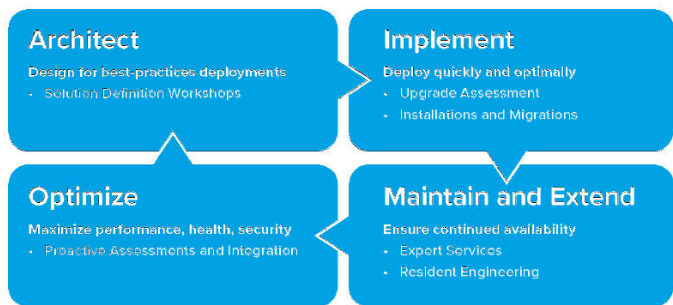
Service and Support Fees

| Description | Part Number |
|--|-------------------|
| Administration Fee for Service Contract Detail Changes | F5-SVC-ADMIN-FEE |
| Lapsed Service Fee | F5-SVC-LAPSED-FEE |
| Recertification Fee (prepaid) | F5-CST-CERT |
| Setup and Migration Service Fee | F5-SVC-SM-FEE |
| No-Fault Service Fee | F5-SVC-NF-FEE |
| Admin Failure Service Fee | F5-SVC-AF-FEE |
| RMA Removable Hard Drive and Compact Flash Card Fee (per unit) | F5-SVC-RMA-OPT |
| Hardware Retention Service with Four-Hour Hardware Replacement Service (RMA) | F5-SVC-RMA-3-HWR |
| Hardware Retention Service with Next-Business-Day Hardware Replacement Service (RMA) | F5-SVC-RMA-2-HWR |

PROFESSIONAL SERVICES

The services you need, when and how you need them

F5 Professional Services provides a full range of consulting services to support you throughout the entire lifecycle of your F5 solution deployment. Our experts can help you architect, implement, maintain, and optimise your solutions to support current and future business initiatives.



Implementation Services

| Description | Part Number |
|---|----------------------|
| BIG-IP Local Traffic Manager Deployment Service (prepaid) | F5-CST-DEPLOY-LTM |
| BIG-IP Cloud Edition Deployment Service (prepaid) | F5-CST-DEPLOY-CE |
| BIG-IP DNS Deployment Service (prepaid) | F5-CST-DEPLOY-DNS |
| BIG-IP Advanced Web Application Firewall Deployment Service (prepaid) | F5-CST-DEPLOY-AWF |
| BIG-IP Application Security Manager Deployment Service (prepaid) | F5-CST-DEPLOY-ASM |
| BIG-IP Advanced Firewall Manager Deployment Service (prepaid) | F5-CST-DEPLOY-AFM |
| BIG-IP Advanced Firewall Manager and Application Security Manager Deployment Service (prepaid) | F5-CST-DEPLOY-AFMASM |
| BIG-IP DDoS Hybrid Defender Deployment Service (prepaid) | F5-CST-DEPLOY-DDOS |
| BIG-IP Access Policy Manager Deployment Service (prepaid) | F5-CST-DEPLOY-APM |
| Virtual Clustered Multiprocessing Deployment Service (2 hosts, 1 guest high availability pair, prepaid) | F5-CST-DEPLOY-VCMP1 |
| BIG-IP Centralized Management Deployment Service (prepaid) | F5-CST-DEPLOY-BIQCM |

Consulting Services Packages

| Description | Part Number |
|--|----------------------|
| Solution Definition Workshop (prepaid) | F5-CST-WKS-SDW |
| Project Definition Workshop (prepaid) | F5-CST-WKS-PDW |
| Proactive Assessment Consulting Service (prepaid) | F5-CST-ASMNT-PROACT |
| Registered iRule Consulting Service 1-50 (prepaid) | F5-CST-PKG-IRULE-01D |
| Registered iRule Consulting Service 51-200 (prepaid) | F5-CST-PKG-IRULE-01E |
| Registered iRule Consulting Service 200+ (prepaid) | F5-CST-PKG-IRULE-01F |
| Trusted Advisor Program Base Service (15 Express Pass, prepaid) | F5-CST-TAP-STD-BASE |
| Trusted Advisor Program Add-on (5 Express Pass, prepaid) | F5-CST-TAP-STD-ADD |
| Trusted Advisor Program Add-on (5 Express Pass+, prepaid) | F5-CST-TAP-PREM-ADD |
| Trusted Advisor Program Add-on (15 On-premises Pass, excludes labour, prepaid) | F5-CST-TAP-SITE-ADD |

Consulting Services for NGINX Products

| Description | Part Number |
|--|----------------------|
| NGINX Customer Success Package Quick Start Consulting Service (prepaid, valid 12 months) | F5-CST-NGX-QKST |
| NGINX Customer Success Package Quick Start and High Availability Consulting Service (prepaid, valid 12 months) | F5-CST-NGX-QKST-HA |
| NGINX Customer Success Package Checkup Consulting Service (prepaid, valid 12 months) | F5-CST-NGX-CKUP |
| NGINX AWS Acceleration Consulting Service | F5-CST-NGX-AWS-ACCEL |
| NGINX Statement of Work Consulting Service | F5-CST-NGX-SOW |
| NGINX Consulting Service (per hour, standard hours, prepaid, valid 12 months) | F5-CST-NGX-HRLY |
| NGINX Designated Engineer (3 months, prepaid) | F5-CST-NGX-ENG-3 |
| NGINX Designated Engineer (6 months, prepaid) | F5-CST-NGX-ENG-6 |
| NGINX Designated Engineer (12 months, prepaid) | F5-CST-NGX-ENG-12 |

Consulting Services per Hour and per Day

| Description | Part Number |
|--|-------------|
| Standard Consulting (per hour, standard hours) | F5-CST-S |
| Premium Consulting (per hour, premium hours) | F5-CST-P |
| Standard Consulting (per hour, standard hours, prepaid) | F5-CST-S1 |
| Premium Consulting (per hour, premium hours, prepaid) | F5-CST-P1 |
| Standard Consulting Expert (per hour, standard hours) | F5-CST-ES |
| Premium Consulting Expert (per hour, premium hours) | F5-CST-EP |
| Standard Consulting Expert (per hour, standard hours, prepaid) | F5-CST-ES1 |
| Premium Consulting Expert (per hour, premium hours, prepaid) | F5-CST-EP1 |

| | |
|--|--------------------|
| Consulting Project Manager (per hour) | F5-CST-PM |
| Consulting Project Manager (per hour, prepaid) | F5-CST-PM1 |
| Travel and Expenses Estimate (actual cost billed) | F5-CST-TE |
| One On-premises Visit (excludes labour fees, prepaid) | F5-CST-ON-PREMISES |
| Standard Daily Consulting (standard hours, max 8 hours) | F5-CST-S-DAY |
| Standard Daily Consulting (standard hours, max 8 hours, prepaid) | F5-CST-S-DAY1 |
| Expert Standard Daily Consulting (standard hours, max 8 hours) | F5-CST-ES-DAY |
| Expert Standard Daily Consulting Prepaid (standard hours, max 8 hours) | F5-CST-ES-DAY1 |
| Premium After Hours Consulting (premium hours, max 4 hours) | F5-CST-P-AH4 |
| Premium After Hours Consulting (premium hours, max 4 hours, prepaid) | F5-CST-P-AH4-1 |
| Expert Premium After Hours Consulting (premium hours, max 4 hours) | F5-CST-EP-AH4 |
| Expert Premium After Hours Consulting Prepaid (premium hours, max 4 hours) | F5-CST-EP-AH4-1 |

Additional Consulting Services

| Description | Part Number |
|--|----------------------|
| Secure Application Services Web Application Firewall Administration Base (5 WAF unique named policies, per year, prepaid) | F5-CST-SAS-WAF-BASE |
| Secure Application Services Web Application Firewall Administration Policy Add-on (1 additional unique named WAF policy, per year, prepaid) | F5-CST-SAS-WAF-ADD-5 |
| Secure Application Services Web Application Firewall Administration Policy Add-on (5 additional unique named WAF policies, per year, prepaid) | F5-CST-SAS-WAF-ADD-1 |
| Secure Application Services Web Application Firewall Administration Multi-Location Add-on (1 additional instance for existing WAF policy, per year, prepaid) | F5-CST-SAS-WAF-DC |
| Operational and Strategic Implementation Services (20) (prepaid) | F5-CST-OASIS-1 |
| Operational and Strategic Implementation Services (55) (prepaid) | F5-CST-OASIS-2 |
| Operational and Strategic Implementation Services (90) (prepaid) | F5-CST-OASIS-3 |
| Operational and Strategic Implementation Services (130) (prepaid) | F5-CST-OASIS-4 |
| Operational and Strategic Implementation Services (300) (prepaid) | F5-CST-OASIS-5 |
| TCP Optimization Service for Communications Service Providers (per pair, standard hours, prepaid) | F5-CST-OPTM-TCP-CSP1 |
| TCP Optimization Service for Enterprises (per pair, standard hours, prepaid) | F5-CST-OPTM-TCP-ENT1 |
| DNS Protection and Acceleration Service (per pair, standard hours) | F5-CST-OPTM-DNS-PNA |
| DNS Parental Control Service (per pair, standard hours) | F5-CST-OPTM-DNS-PC |
| BIG-IP Local Traffic Manager Migration Service (per pair, standard hours, prepaid) | F5-CST-MIG-BIG-LTM |
| Competitive Server Load Balancing Device to BIG-IP Local Traffic Manager Migration Service (per pair, standard hours, prepaid) | F5-CST-MIG-COMP-LTM |
| BIG-IP Application Security Manager Advanced Installation and Policy Review Service (per pair, standard hours, prepaid) | F5-CST-SEC-ASM-ADV |
| BIG-IP Advanced Web Application Firewall LaunchPad Consulting Service (standard hours, prepaid) | F5-CST-SEC-AWF-LP |
| LBaaS Integration Service with Red Hat OpenStack (per pair, standard hours) | F5-CST-CLD-PRV-OPST1 |
| BIG-IP Integration with Cisco APIC (per pair, standard hours) | F5-CST-CLD-PRV-CISC1 |

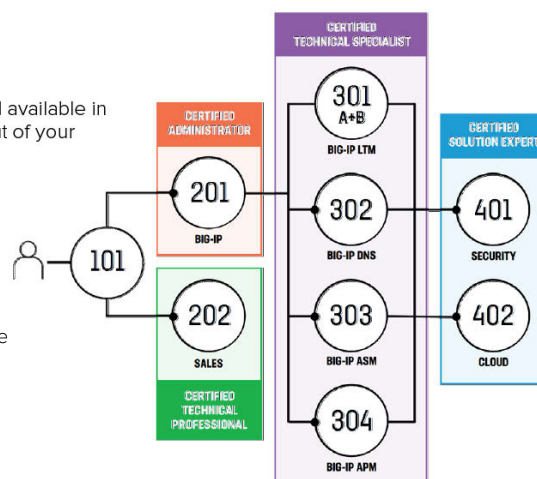
TRAINING SERVICES

Training programs and education

F5 training helps you leverage F5 solutions to ensure your applications are secure, fast, and available in the data center and in the cloud. We offer a variety of programs to help you get the most out of your configurations. Instructor-led classes, subscription learning modules, and online, self-paced learning programs are available to customers throughout our global regions.



F5 Certified exams are developed to deliver consistently reproducible results that guarantee excellence in those who achieve certification. F5 Certification is a differentiator for you in your career and it's a competitive advantage for your employer.



BIG-IP Training Services

| Description | Part Number |
|--|----------------------|
| BIG-IP Best Training Bundle (19 days) | F5-TRG-BIG-BEST |
| BIG-IP Better Training Bundle (12 days) | F5-TRG-BIG-BETTER |
| BIG-IP Good Training Bundle (7 days) | F5-TRG-BIG-GOOD |
| BIG-IP Local Traffic Manager Configuration Training (3 days) | F5-TRG-BIG-LTM-CFG-3 |
| BIG-IP Administration Training (2 days) | F5-TRG-BIG-OP-ADMIN |
| BIG-IP Troubleshooting Training (2 days) | F5-TRG-BIG-TRBL-INT2 |
| BIG-IP Troubleshooting Workshop (2 days) | F5-TRG-BIG-TRBL-WKS2 |
| BIG-IP Automation Training (1 day) | F5-TRG-BIG-AUTO |
| BIG-IP iRule Configuration Training (3 days) | F5-TRG-BIG-IRULE-CFG |
| BIG-IP Security Training (2 days) | F5-TRG-BIG-SEC-2 |
| BIG-IP Advanced Firewall Manager Configuration Training (2 days) | F5-TRG-BIG-AFM-CFG |
| BIG-IP Advanced Web Application Firewall Setting Up DoS Training (1 day) | F5-TRG-BIG-AWF-SU-1 |
| BIG-IP Train-the-Trainer Instructional Techniques | F5-TRG-BIG-TTT |
| VIPRION Instructor Led Training (1 day) | F5-TRG-VPR-1 |
| BIG-IP DNS Training (2 days) | F5-TRG-BIG-DNS-IL |
| BIG-IP Advanced Web Application Firewall Configuration Training (4 days) | F5-TRG-BIG-AWF-CFG |
| BIG-IP Application Security Manager Essentials Training (4 days) | F5-TRG-BIG-ASM-ESS |
| BIG-IP Application Security Manager Workshop (2 days) | F5-TRG-BIG-ASM-WKS2 |
| BIG-IP Access Policy Manager Training (3 days) | F5-TRG-BIG-EGW-APM |
| BIG-IQ Configuration Training (2 days) | F5-TRG-BIQ-CFG |
| On-site Training - Any Combination (1 day) | F5-TRG-ONSITE-1 |
| On-site Training - Any Combination (2 days) | F5-TRG-ONSITE-2 |
| On-site Training - Any Combination (3 days) | F5-TRG-ONSITE-3 |
| On-site Training - Any Combination (4 days) | F5-TRG-ONSITE-4 |
| On-site Training - Any Combination (5 days) | F5-TRG-ONSITE-5 |
| On-site Training - Any Combination (10 days) | F5-TRG-ONSITE-10 |
| Online Training (5 users. 1-year subscription) | F5-SVC-TRG-SUB5-1Y |
| Online Training (10 users. 1-year subscription) | F5-SVC-TRG-SUB10-1Y |
| Online Training (5 users. 3-year subscription) | F5-SVC-TRG-SUB5-3Y |
| Online Training (10 users. 3-year subscription) | F5-SVC-TRG-SUB10-3Y |
| Training Unit | F5-SVC-TRG-UNIT |

NGINX Training Services

| Description | Part Number |
|---|-------------------|
| NGINX Training Credit (prepaid, one unit, valid 12 months) | F5-TRG-NGX-CR |
| NGINX Training Credits (prepaid, one day, on-site, up to 10 Individuals, valid 12 months) | F5-TRG-NGX-CR-DAY |

General disclaimer:

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