

Fortinet VM On-Demand Program

The Fortinet VM On-Demand Program is designed to enable Managed Security Service Providers (MSSPs) and Cloud Providers to deliver award-winning Fortinet firewall and other protection in an on-demand, pay-as-you-grow model that is better aligned with the agility and elasticity of modern cloud-based workloads. Members of Fortinet's MSSP Partner Program, as well as other qualified Communication Service Providers globally, can deploy scalable virtualized firewalls and advanced security services on an as-needed, per-tenant basis with actual costs automatically and transparently measured based on actual usage.



Aligns with OpEx Service Delivery Model

Avoids excessive capitalization costs from over-provisioning of capacity and aligns infrastructure cost with tenant/customer service revenues.



Zero-Touch and Automatic Metering

Tight integration of On-Demand VM licensing, service provisioning, usage metering, and billing.

Unlimited and automatic VM instance activations to support any size of elastic workloads.



Includes Security Subscription Services and 24x7 Support

Includes FortiGuard services and FortiCare support. FortiManager is required but not provided.



Highlights

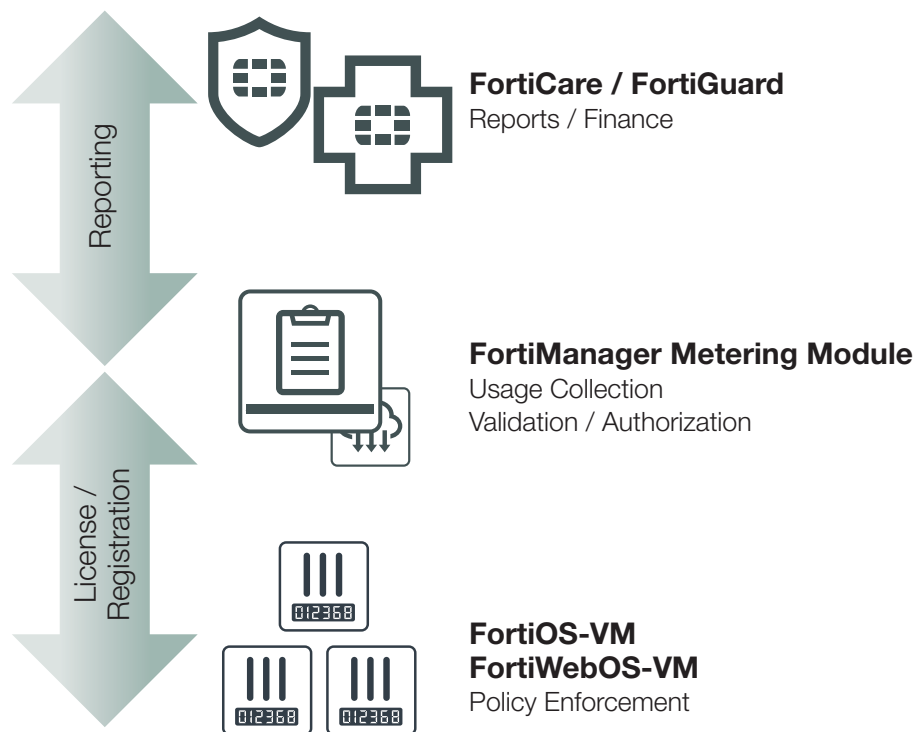
- VM On-Demand program is primarily designed for hosted cloud deployments.
- Choice of two consumption models — Traffic volume or hourly usage metering of next-generation firewall and web application firewall services.
- Traffic volume metering is cost-effective in virtual CPE deployments (on-premise or hosted cloud), typically offered in the Managed Security Services (MSS).
- Resource metering is an all-purpose solution and cost-effective for east-west traffic inspection in hosted data center deployments.
- Proven integration with fully orchestrated SDN/NFV environments.

HIGHLIGHTS

Components

The Fortinet VM On-Demand Program encompasses existing, proven Fortinet technologies to enable Communication Service Providers to deliver advanced security services to their customers/tenants.

Component	Description
FortiOS Virtual Appliance	FortiOS provides industry-leading protection, superior visibility and control, and extensive networking capabilities. With FortiOS, you can set consolidated policies that include granular security controls. Every security service is managed through a similar paradigm of control and can be easily plugged into a consolidated policy.
FortiWebOS Virtual Appliance	FortiWebOS provides complete security for your external and internal web-based applications from the OWASP Top 10 and many other threats. Using IP Reputation services, botnets and other malicious sources are automatically screened out before they can do any damage. DoS detection and prevention keeps your applications safe from being overloaded by Layer 7 DoS attacks.
FortiManager	FortiManager lets you maintain control over your FortiGate and FortiAP topologies through an easy-to-use, centralized, single-pane-of-glass management console. Easily control the deployment of security policies, FortiGuard content security updates, firmware revisions, and individual configurations for thousands of FortiOS-enabled devices.
FortiGuard/FortiCare	FortiCare is a centralized hub to search, update and generate reports on registered solutions such as location and entitlement. Metering Group assignment and reports are all done from this one centralized location. FortiGuard Labs provides the industry-leading security services and threat intelligence delivered through Fortinet solutions. FortiOS manages the broad range of FortiGuard services available, including application control, intrusion prevention, web filtering, antivirus, advanced threat protection and SSL inspection.



HIGHLIGHTS

Metering

Fortinet devised and implemented a simple point system for traversing multiple currency zones enabling a unified method of metering wherever tenants/data centers are deployed. Points are consumed by authorized Fortinet virtual appliances securing traffic to and from tenant's secured assets/workloads. Fully configurable, granular service options allow for multiple security profiles to be assigned to authorized Fortinet virtual appliances enabling incremental metering levels.

FortiOS-VM Service Option	Description
Firewall	Enables all features of FortiOS virtual appliance except Security Profiles for advanced L4-L7 service like IPS and Application Control. 24x7 support included. DEFAULT
Web Filter	Adds Web Filtering service to the authorized instance.
AntiVirus	Adds AntiVirus service to the authorized instance.
App Control	Adds Application Control service to the authorized instance.
IPS	Adds IPS (Intrusion Prevention) service to the authorized instance.
Full UTM	Enables all FortiOS features including all L4-L7 security services. Includes 24x7 support.
FortiWebOS-VM Service Option	Description
FortiWeb	Enables all features of FortiWebOS virtual appliances including AntiVirus, FortiWeb Security Service and IP Reputation. 24x7 support included. DEFAULT

Service levels may be changed at any point by the administrator via the Web UI, CLI or through existing FortiManager APIs.

Program Options

Two flexible options are available within the VM On-Demand Program to better fit a wide variety of Service Providers' metering requirements.

Resource-Based

Resource-Based metering allows Service Providers to meter an instance's assigned resources (virtual CPUs and RAM) and service level hourly. With this method, there are no variations in cost to run the Fortinet virtualized security solution. An example is a Service Provider who charges a monthly set price for a Fortinet security solution with a set instance size and specific security profile — the cost will not vary month-to-month. They will know exactly what the cost will be and allow them to set a specific cost for their tenant.

Volume-Based

Volume-Based metering allows Service Providers to deploy instances with any amount of resources required for an individual tenant's requirements for any scheduled timeframe that the Service Provider sets. Metering is based on the amount of traffic volume that the security engine processes. As opposed to the Resource-Based option, which meters the security solution on the amount of resources assigned over time, the Volume-Based option is truly pay-for-use. The harder it works, the more it costs — and lightly used instances cost less.

SPECIFICATIONS

Component	Firmware Requirement
FortiOS Virtual Appliance	v5.6 and later
FortiWebOS Virtual Appliance	v5.7 and later
FortiManager or FortiManager-VM	v5.6 and later

ORDER INFORMATION

Program	SKU	Description
Fortinet VM On-Demand Program Subscription (Volume-Based)	FC-10-SPVOL-402-02-12	Annual Fortinet VM On-Demand program fee for deployment and metering of Fortinet Virtual Appliance (VM) solutions. Metering metric based on traffic volume processed.
Fortinet VM On-Demand Program Subscription (Resource-Based)	FC-10-SPCRO-402-02-12	Annual Fortinet VM On-Demand program fee for deployment and metering of Fortinet Virtual Appliance (VM) solutions. Metering metric based on hourly consumption of VM resources (vCPU/RAM).
Point Packs	SKU	Description
Fortinet VM On-Demand Program Point Package	SP-VM5K	Adds 5,000 points to the Fortinet VM On-Demand program account for metering of Fortinet Virtual Appliance (VM) solutions.
	SP-VM10K	Adds 10,000 points to the Fortinet VM On-Demand program account for metering of Fortinet Virtual Appliance (VM) solutions.
	SP-VM25K	Adds 25,000 points to the Fortinet VM On-Demand program account for metering of Fortinet Virtual Appliance (VM) solutions.



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