Imperva Virtual Appliances

Imperva Virtual Appliances enable customers to deploy Imperva's Web Application Firewall in a software-only form factor. Virtual appliances provide a cost effective and flexible way to align deployment of Imperva security solutions with an organization's data center virtualization or cloud strategies.

With Imperva Virtual Appliances, customers can leverage their enterprise virtualization platform for hardware consolidation, maximize the utilization of their servers and network infrastructure, and cut power, cooling and support costs. The deployment process is further streamlined by leveraging Terraform, a cloud provisioning tool, enabling seamless integration with cloud environments. Additionally, our support extends to features such as Load Balancing, Auto Scaling, and Dual NIC environments, enhancing the adaptability and scalability of security services. The simplicity and flexibility inherent in Imperva Virtual Appliances enables organizations of any size to rapidly provision new security services in response to evolving requirements. Software images compatible with both AWS EC2 and Azure are readily deployable from the respective marketplaces after obtaining the necessary license entitlement.

Appliance software images are available for all of the following virtualization environments.

VMWare ESX

Imperva Virtual Appliances for VMWare support these popular data center virtualization platforms. Within a virtualized server environment, Imperva Virtual Appliances can inspect traffic and support disaster recovery and workload migration requirements.

Amazon Web Services

Imperva Virtual Appliances for Amazon Web Services (AWS) enable Imperva Web Application Firewall (WAF) software to run on AWS EC2 and natively leverage important AWS features including VPC, CloudFormation, CloudWatch, and Elastic Load Balancing.

Microsoft Azure

Imperva Virtual Appliances for Azure enable Imperva Web Application Firewall (WAF) run in the Microsoft Azure cloud. Azure enabled virtual appliances leverage the built-in features in Azure to provide scalability, disaster recovery and other Azure provided benefits.

Imperva also provides **hardware appliances** for customers who prefer to deploy software on a dedicated hardware system.

Imperva Hardware Appliances are **high assurance, fast, cost-effective, and easy to manage.**

Imperva is an analyst-recognized, **cybersecurity leader** championing the fight to **secure data and applications** wherever they reside.

Google Cloud Platform

Imperva Virtual Appliances for Google Cloud Platform (GCP) enable Imperva Web Application Firewall (WAF).

Alibaba Cloud

Imperva Virtual Appliances for Alibaba Cloud (Aliyun) enables Imperva Web

Application Firewall (WAF) to run in Alibaba Cloud environment. Imperva is easily deployed with Terraform, with uncapped throughput, and with scalable and uninterrupted protection from the industry-leading Imperva WAF Gateway.

Kernel-based Virtual Machine (KVM)

KVM is a supported platform with WAF Gateway (SecureSphere version 13.6 and above).

Virtual appliance platform specifications

	V4500	V2500	V1000	VM150
Supported Products	Web Application Firewall[1]	Web Application Firewall[1]	Web Application Manager Firewall[1]	Imperva MX Management Server
WAF Gateway Throughput	Up to 1 Gbps	Up to 500 Mbps	Up to 100 Mbps	Not applicable
MINIMUM REQUIREMENTS PER PHYSICAL HOST				
VMware Hypervisor	vSphere ESXI support V6.X and V7.X			
WAF Memory	16GB	4GB	4GB	8GB
Hard Drive	250GB			
Network Interface	Hypervisor-supported network interface card			
MINIMUM REQUIREMENTS FOR EACH GUEST IMPERVA VIRTUAL APPLIANCE				
CPU	8	4	2	4
Memory	16GB	8GB	4GB	8GB
Disk Space	160GB	160GB	160GB	160GB

1. Web Application Firewall Support for Microsoft Hypervisor not currently available.

2. Large Scale Configuration requires the use of Imperva Sonar

Imperva Virtual Appliances for Amazon Web Services

	AV2500	AV1000	AVM150
Supported Products	Web Application Firewall	Web Application Firewall	MX- Management Server SOM- Security Operations Managers
Throughput	Up to 500 Mbps	Up to 100 Mbps	Not applicable

Imperva Virtual Appliances for Microsoft Azure

	MV2500	MV1000	MVM150
Supported Products	Web Application Firewall	Web Application Firewall	MX- Management Server
Throughput	Up to 500 Mbps	Up to 100 Mbps	Not applicable

Imperva Virtual Appliances for Google Cloud Platform

	GV2500	GV1000	GVM150
Supported Products	Web Application Firewall	Web Application Firewall	MX- Management Server
Throughput	Up to 500 Mbps	Up to 100 Mbps	Not applicable