imperva

DATASHEET

Imperva Virtual Appliances

Imperva Virtual Appliances enable customers to deploy Imperva's Web Application Firewall and Database Security product lines 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.

Imperva Virtual Appliances are available as individually licensed products or can be licensed within Imperva's FlexProtect licensing program. 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 simplicity and flexibility of Imperva Virtual Appliances enable organizations of any size to quickly provision new security services as requirements change. Software images for both AWS EC2 and Azure can be deployed from the AWS and Azure marketplace after a license entitlement is acquired.

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

VMWare ESX and Microsoft Hyper-V Hypervisors

Imperva Virtual Appliances for VMWare and Microsoft Hypervisor 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), Database Activity Monitoring (DAM) and Database Firewall (DBF) 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), Database Activity Monitoring (DAM) and Database Firewall (DBF) software to 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.**

Google Cloud Platform

Imperva Virtual Appliances for Google Cloud Platform (GCP) enable Imperva Web Application Firewall (WAF), Database Activity Monitoring (DAM) and Database Firewall (DBF) software to run on GCP and leverage the built-in features in GCP to provide scalability, disaster recovery and other GCP benefits.

Kernel-based Virtual Machine (KVM)

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

Virtual appliance platform specifications

	V6500	V4500	V2500	V1000	VM150
Supported Products	Database Activity Monitoring Database Firewall	Web Application Firewall[4] Database Activity Monitoring Database Firewall	Web Application Firewall[4] Database Activity Monitoring Database Firewall	Web Application Manager Firewall[4]	Imperva MX Management Server Imperva Security Operations Manager (SOM)
Throughput (WAF Gateway Only)	Up to 2 Gbps	Up to 1 Gbps	Up to 500 Mbps	Up to 100 Mbps	Not applicable
TPS (Database Security only)	21,600 TPS	10,800 TPS	6,000 TPS	Not applicable	Not applicable
MINIMUM REQUIREMENTS PER PHYSICAL HOST					
VMware Hypervisor	ESX/ESXi 5.x, 6.x				
Hyper-V Hypervisor	Microsoft Hyper-V 2012/2016				
Memory (Number in Parenthesis represents: DAM Only)	16GB (32GB)	16GB (16GB)	4GB (8GB)	4GB (4GB)	8GB (8GB)
Hard Drive	250GB				
Network Interface	Hypervisor-supported network interface card				
MINIMUM REQUIREMENTS FOR EACH GUEST IMPERVA VIRTUAL APPLIANCE					
CPU	8	8	4	2	4
Memory	32GB	16GB	8GB	4GB	8GB
Disk Space	250GB	160GB	160GB	160GB	160GB

1. Expandable to 32GB for virtual appliances with software release V12.0 and above.
2. 4GB memory required for virtual appliances up to software release V12; 8GB memory required for V13 and above.
3. 2 CPUs required for virtual appliances V11 and V12; 4 CPUs required for virtual appliances V13 and above.
4. Web Application Firewall Support for Microsoft Hypervisor not currently available.

Imperva Virtual Appliances for Amazon Web Services

	AV6500	AV2500	AV1000	AVM150
Supported Products	Database Activity Monitoring Database Firewall	Web Application Firewall Database Activity Monitoring Database Firewall	Web Application Firewall	MX- Management Server SOM- Security Operations Managers
Throughput (WAF Gateways only)	Not applicable	Up to 500 Mbps	Up to 100 Mbps	Not applicable
TPS (Database Security only)	21,600 TPS	6,000 TPS	Not applicable	Not applicable
MINIMUM AWS INSTANCE TYPE FOR EACH GUEST IMPERVA APPLIANCE				
Web Application Firewall	Not applicable	M4 Extra Large	M4 Large	M4 Extra Large
Database Security	R4 2x Extra Large	M4 Extra Large	Not applicable	
IMPERVA APPLIANCE FOR AWS TECHNICAL DETAILS				
AWS Service Integration	EC2, CloudFormation, CloudWatch, VPC, AutoScale (WAF only)			
Imperva Appliance Operating System	CentOS 7.5			
Delivery Method	64-bit Amazon Machine Image (AMI)			

Imperva Virtual Appliances for Microsoft Azure

	MV6500	MV2500	MV1000	MVM150
Supported Products	Database Activity Monitoring Database Firewall	Web Application Firewall Database Activity Monitoring Database Firewall	Web Application Firewall	MX- Management Server
Throughput (WAF Gateways only)	Not applicable	Up to 500 Mbps	Up to 100 Mbps	Not applicable
TPS (Database Security only)	21,600 TPS	6,000 TPS	Not applicable	Not applicable

Imperva Virtual Appliances for Google Cloud Platform

	GV6500	GV2500	GV1000	GVM150
Supported Products	Database Activity Monitoring Database Firewall	Web Application Firewall Database Activity Monitoring Database Firewall	Web Application Firewall	MX- Management Server
Throughput (WAF Gateways only)	Not applicable	Up to 500 Mbps	Up to 100 Mbps	Not applicable
TPS (Database Security only)	21,600 TPS	6,000 TPS	Not applicable	Not applicable

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

imperva.com
+1.866.926.4678