

Cisco Adaptive Security Virtual Appliance

Not always the first thing you consider with cloud, security and network configuration are critical to your success with IaaS and DRaaS – which is why iland offers you the Cisco ASAv.

networking in the cloud

When purchasing cloud services, whether Infrastructure-as-a-Service or Disaster-Recovery-as-a-Service, it's commonplace to begin by considering resource quantities, service levels and performance targets. What is often forgotten is the topic of network connectivity and security – and it's a key part of a successful cloud services architecture.

At iland, we know that companies have different requirements for network security. Packaged in with our service is access to an SSL-VPN option, which can be configured through our iland Secure Cloud ConsoleSM. However, many customers are interested in a different alternative – the Cisco Adaptive Security Virtual Appliance, or ASAv.

choosing the Cisco ASAv

The Cisco ASAv is a firewall and VPN virtual appliance used in a virtual environment, like the iland Secure CloudSM. It runs within your cloud footprint, as a VM, and supports site-to-site VPN, remote-access VPN, and clientless VPN functionality.

Customers standardizing on-premises upon a Cisco networking infrastructure may want to extend that standard into the cloud, enabling unified management and consistent operations. The Cisco ASAv provides:

- Detailed logging and packet analysis
- Support for a large number of remote access users leveraging SSL
- Granular role-based control of SSL-VPN permissions
- Support for an internal routing protocol or a GRE tunnel.
- Consistency with an on-premises Cisco environment and Cisco management interface

If your needs confirm a requirement for the Cisco ASAv appliance in your IaaS or DRaaS environment, iland is happy to accommodate you.

why choose iland

- 20+ years supporting customers and their critical workloads
- 97%+ customer satisfaction for technical support
- 8 global data centers in NA, EMEA and APAC with further growth plans
- Consultative, flexible customer relationships
- Leader – Gartner Magic Quadrant for DRaaS 2016 & 2017
- Leader – Forrester Wave for DRaaS Providers 2014 - 2017



sizing options for the Cisco ASAv

The Cisco ASAv appliance comes in three sizes: the ASAv5, ASAv10 and ASAv30. The primary drivers for selecting a bigger appliance are typically throughput requirements or numbers of end users.

Feature	Cisco ASAv5	Cisco ASAv10	Cisco ASAv30
Stateful inspection throughput (Maximum)	100mbps	1gbps	2gbps
Stateful inspection throughput (Multiprotocol)	50mbps	500mbps	1gbps
Triple Data Encryption Standard/Advanced Encryption Standard (3DES/AES) VPN throughput ³	30mbps	125mbps	300mbps
Connections per second	8k	20k	60k
Concurrent sessions	50k	100k	500k
VLANs	25	50	200
Bridge Groups	12	25	100
IPsec VPS peers	50	250	750
Cisco AnyConnect® or clientless VPN user sessions	50	250	750
Cisco Cloud Web Security Users	250	1000	5000
Unified communications phone proxy	50	250	1000
High availability	Active/Standby		

system requirements

The Cisco ASAv appliances can live within your iland Secure Cloud footprint, consuming on the resources required to operate their VM:

- The ASAv5 and ASAv10 both require 1 vCPU, 2GB of memory and 8GB of storage
- The ASAv30 requires 4 vCPUs, 8GB of memory and 16GB of storage

help along the way

iland's team of cloud experts will help deploy and configure your ASAv appliance, recommending configurations and testing connectivity. Once deployed, if you have additional questions or troubleshooting needs, our support team will be happy to advise you at any time.

so, what's next?

Reach out to iland to learn more about our secure cloud offerings, and how we can help your business grow.

about iland

iland is a global cloud service provider of secure and compliant hosting for infrastructure (IaaS), disaster recovery (DRaaS), and backup as a service (BaaS). They are recognized by industry analysts as a leader in disaster recovery. The award-winning iland Secure Cloud ConsoleSM natively combines deep layered security, predictive analytics, and compliance to deliver unmatched visibility and ease of management for all of iland's cloud services. Headquartered in Houston, Texas and London, UK, iland delivers cloud services from its data centers throughout the Americas, Europe, Australia and Asia. Learn more at iland.com.

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