

Arista Networks vEOS Solution

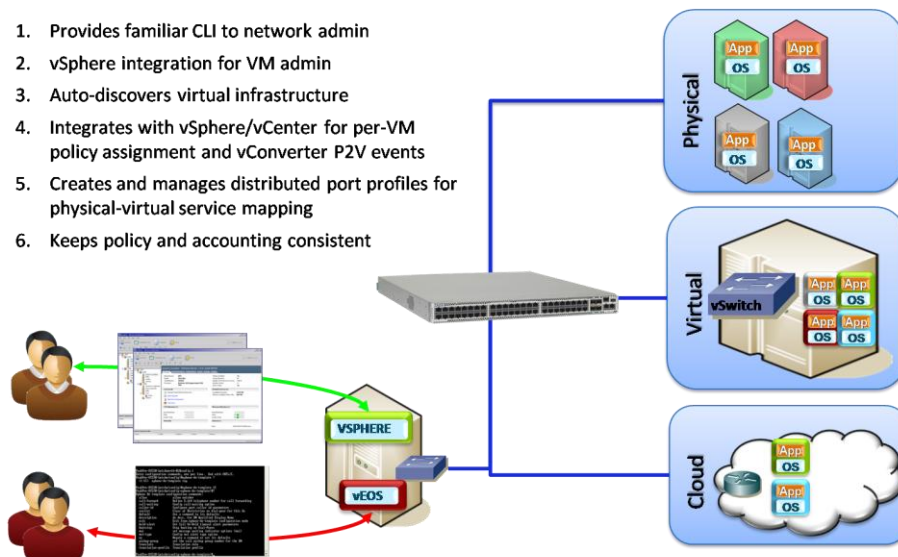
Enabling Seamless Operational Management Across Virtual and Physical Networks with VMware

To address the growing challenges of managing virtual and physical infrastructures with multiple network operating systems, Arista Networks has introduced vEOS (virtualized Extensible Operating System), integrated networking software that peers with VMware's vSphere to link physical and virtual machines to network policy and profiles. With vEOS, IT organizations can now move applications from physical servers to virtual machines and to cloud infrastructures while maintaining segmentation, trust boundaries, and policy.

What is Arista vEOS?

vEOS is a single system image that runs on the Arista 7000 Family of switches or as a VMware virtual appliance running on any host. It is an implementation of Arista EOS that manages VMware vNetwork Distributed Switches (vDS). vEOS provides an industry-standard and familiar network interface to the administrator for configuration and monitoring, without disrupting the virtualized infrastructure.

Arista vEOS Workflow and Operation

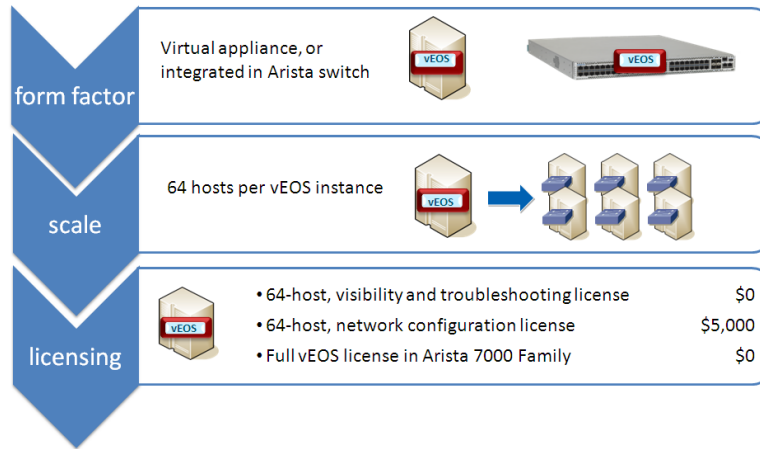


Arista vEOS Key Attributes

Arista vEOS is an implementation of Arista EOS that manages VMware Distributed Switches.

- Consistent policy and accounting for physical ports, virtual machines, and cloud deployments
- Familiar CLI to network admin – integrates with vSphere virtualization platform
- Separation of control and data plane enables hitless software upgrades
- Auto-discovers virtual infrastructure
- Automates network provisioning during VM migration
- Creates and manages distributed port profiles for physical-virtual service mapping
- Supports extensible OVF framework for multi-vendor and cloud interoperability
- Consistent software with EOS running across all Arista switches and now as a virtual appliance

Arista vEOS At-a-Glance



Arista vEOS Unique Value Proposition

- First management system to bridge physical, virtual and cloud networks
- Enables network administrators to treat existing Virtual Distributed Switches as an extension of the physical network and manage them with industry standard CLI and SNMP.
- Relieves the burden of network configuration from VM host administrators

Competitive Comparison

Other solutions require replacing the existing internal vSwitch with vendor specific product. Arista's vEOS is unique in its ability to work with existing virtual switches while providing a consistent administrative experience across physical ports, and virtual machines. Here is a comparison:

	Arista vEOS	Alternative
Versions of vSphere supported	Enterprise Plus	Enterprise Plus
Network Friendly Interface	Yes	Yes
vSphere Integration	Yes	Yes
VMware vSwitch support	Yes	No
Supports physical and virtual machines	Yes	No
Extends network policy to IaaS clouds	Yes	No
User loadable modules and software	Yes	No
# of network O/S variations	1	>4
Form-factor	Virtual Appliance or Switch Integrated	Virtual Appliance
List Price for 64 Servers (2-socket)	\$5,000	\$88,960

Additional Information

Go to <http://www.aristanetworks.com> for more information, including collateral materials and pricing.

Contact your counterpart in the Arista sales organization for support in customer situations. If you are unsure of whom to contact, email: sales@aristanetworks.com.