Overview

This announcement describes new features and hardware support in our EOS 4.5.0 software release. Key features introduced in this release are:

Single binary image across all products: Starting with EOS 4.5.0, the same binary image can be used across all Arista platforms - 7048, 7100S, 7100T and 7500 series switches. A single binary image makes it easy for network operations teams to qualify the software just once leverage that across all switching infrastructure in the data center.

PIM Sparse Mode: Arista 7100 switches now support Protocol Independent Multicast routing in hardware, allowing for the lowest latency financial trading and video distribution networks.

OSPF - Area Border Router functionality: With support for up to 63 areas, EOS now supports area border router functionality.

Layer 2 Access Lists: Using MAC address based access lists on a per port basis, any invalid traffic can be dropped at its source without impacting performance of the switch.

VM on EOS: Users can now run their applications in a Virtual Machine, maintaining clean separation of resource allocation & fault isolation for the highest uptime requirements.

VMTracer - VM Auto Discovery: Find which ESX Hosts and VMs are on a given port in the network. VM Tracer provides visibility into the network reachability of a given virtual machine and its transient state.

Management over IPv6: Arista switches can now be managed over an IPv6 network using telnet, ssh or SNMP. This allows for smooth integration in IPv6 enabled networks.

SNMP - Entity MIB: Network Management Systems can now monitor all hardware components and get traps on failure of any field replaceable units (FRU) such as a power supply or fan.

'min-links' for Link Aggregation: Users can now manage fail over of a link aggregation group by controlling how many active links are required at a minimum. This allows administrators to provide predictable interconnect bandwidth in case of link failures.

SVI 'no autostate': An SVI can now be forced to always remain up so that it can be reached via its associated IP addresses even if all ports in the corresponding VLAN are down.

A complete list of all supported features across various products is available under the Support section of our website: www.aristanetworks.com/en/support

Customers can download EOS 4.5.0, user manual and release notes from the download section: www.aristanetworks.com/en/support/download

For more information, please contact sales@aristanetworks.com