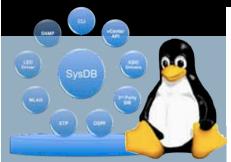# ARISTA

EOS 4.6 Release Brief

Arista Extensible Operating System (EOS)

- Fine-grained modularity

- Linux based kernel

- System Database for state sharing and rapid stable development

- Self healing

- Live patching through ISSU

- Multi Chassis LAG

- Single binary image across all products

- Access to Linux tools

- VMTracer for virtual machines

- Extensible platform

Arista EOS 4.6 Overview

The Arista EOS 4.6 software release adds additional Layer-2, Layer-3 and management features to the Arista portfolio. By design, the same binary image can be used across all Arista products.

Features introduced in EOS 4.6 are listed below:

New Hardware Support

- Arista 7504 Modular Switching Chassis, an addition to the Arista 7500 Series with up to 192 wirespeed 1/10GbE ports
- DWDM SFP+ transceivers
- 100BASE-TX support using Arista 100/1000-TX SFP

Layer-2 Features

- 32 port LAG between MLAG pairs
- STP root guard
- STP loop guard
- STP bridge assurance
- Broadcast storm control

Layer-3 Features

- Route map support
- Route Redistribution
- BGP authentication

IP Multicast Features

- Anycast rendezvous point
- PIM scaling enhancements
- Multicast boundaries

Management Features

- sFlow
- VM Tracer Adaptive Segmentation: Automatic VLAN provisioning for VMware Virtual Machines
- NTP update source interface
- Link flap detection

For feature support by platform, please visit:

http://www.aristanetworks.com/en/support/supportedfeatures