



Platform-Specific Feature Set Guide

Arista Networks

www.arista.com

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Headquarters	Support	Sales
5453 Great America Parkway Santa Clara, CA 95054 USA +1 408 547-5500 www.arista.com	+1 408 547-5502 +1 866 476-0000 support@arista.com	+1 408 547-5501 +1 866 497-0000 sales@arista.com

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1 Platform-specific Feature Set Guide

This guide provides the list of Arista products which provide ZTP platform support and platform support for hardware authentication.

- [ZTP Platform support for CloudVision as-a-Service](#)
- [Platform support for Hardware Authentication](#)



Note: This document is intended to be a reference of feature support for certain platform-specific capabilities and is organized on a feature-by-feature basis. For broader feature set support on a particular platform, please consult the appropriate product data sheet.

1.1 ZTP Platform support for CloudVision as-a-Service

Arista Zero Touch Provisioning (ZTP) as-a-Service is a feature that allows customers to bootstrap and provision EOS devices with the CloudVision Service. ZTP as-a-Service uses an "Enrollment Token" to enable the functionality. Arista supports two token-based models: User-Generated Token and Embedded Token.

All Arista switching platforms support the User-Generated Token. The Embedded Token functionality is only available on a specific subset of Arista switching platforms. All new platform SKUs introduced since October 2020 support the Embedded Token functionality, with the specific list of supported platform SKUs listed below:

Table 1: ZTP Platform support for CloudVision as-a-Service

SKU
DCS-7280SR3-48YC8
DCS-7280SR3K-48YC8
DCS-7280CR3MK-32D4S
CCS-720XP-96ZC2
(CCS-758-CH)*
(CCS-755-CH)*

* Chassis SKUs

1.2 Platform support for Hardware Authentication

Hardware Authentication is provided through a Trusted Platform Module (TPM) chip embedded into new Arista platforms. TPM chip provides hardware-based authentication and tamper detection.



Note: ZTP as-a-Service uses an Enrollment Token; therefore, Hardware Authentication is not required for ZTP as-a-Service.

The following listed Arista switch products (DCS and CCS-based SKUs) support Hardware Authentication.

Table 2: Platform support for Hardware Authentication

SKU
DCS-7280SR3-48YC8
DCS-7280SR3K-48YC8
CCS-720XP-96ZC2
DCS-7050TX3-48C8
DCS-7050CX3M-32S
DCS-7280PR3-24
DCS-7280PR3K-24
DCS-7280DR3-24
DCS-7280DR3K-24
DCS-7280CR3K-32D4
DCS-7050SX3-48YC8
DCS-7050SX3-48C8
DCS-7050SX3-96YC8
DCS-7280CR3-32P4
DCS-7280CR3K-32P4
DCS-7280CR3-32D4
DCS-7280CR3MK-32D4S
DCS-7280CR3-96
DCS-7280CR3K-96

1.3 Platform support for Secure Boot

Secure Boot is a feature of Arista hardware that enables an operator to only allow signed EOS images to boot on that hardware.

Secure Boot leverages a Trusted Platform Module (TPM) chip embedded into recent Arista platforms. The following listed Arista switch products (DCS and CCS-based SKUs) support Hardware Authentication.

Table 3: Product Families with Support for Secure Boot

Product Family	Exceptions
CCS-720 Series	<ul style="list-style-type: none"> 720XP-24Y 720XP-24ZY4 720XP-48Y6 720XP-48ZC2
CCS-750 Series Supervisors	
DCS-7050X3 Series	<ul style="list-style-type: none"> 7050CX3-32S 7050SX3-48YC12
DCS-7280R3 Series	
DCS-7800R3 Supervisors	

Table 4: Product Families with No Support for Secure Boot

DCS-7000 Series (e.g. 7048T)	DCS-7160 Series
DCS-7010 Series	DCS-7250X Series
DCS-7020 Series	DCS-7260X Series
DCS-7050 Series	DCS-7260X3 Series
DCS-7050X Series	DCS-7280E Series
DCS-7050X2-Series	DCS-7280R/RA Series
DCS-7060X Series	DCS-7280R2/R2A Series
DCS-7060X2 Series	DCS-7300X, 7300X3, 7320X Supervisors
DCS-7060X4 Series	DCS-7368X4 Supervisor
DCS-7100 Series (e.g. 7124S, 7120T)	DCS-7500 Supervisors
DCS-7150 Series	
