ARISTA

Platform-Specific Feature Set Guide

CloudVision as-a-Service CVaaS

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

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1 Platform-specific Feature Set Guide

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

- ZTP Embedded Token Platform support for CloudVision as-a-Service
- Platform Support for Hardware Authentication

1.1   ZTP Embedded Token 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.

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

SKU	
DCS-7010TX-48	CCS-710P-12
DCS-7010TX-48C	CCS-710P-16P
DCS-7028CR3K-32D4A	CCS-720DF-48Y
DCS-7050DX4-32S	CCS-720DF-48Y-M-S
DCS-7050PX4-32S	CCS-720DP-48S
DCS-7050SX3-48C8	CCS-720DP-48S-M-S
DCS-7050SX3-48C8C	CCS-720DT-48S
DCS-7050SX3-48YC8	CCS-720DP-24S
DCS-7050SX3-48YC8C	CCS-720DP-24S-M-S
DCS-7280CR3K-32P4A	CCS-720DT-24S
DCS-7280CR3MK-32D4S	CCS-720DT-24S-M-S
DCS-7280CR3-36S	CCS-720DP-48ZS
DCS-7280CR3K-36S	CCS-720DP-24ZS
DCS-7280SR3-40YC6	CCS-720XP-48TXH-2C
DCS-7280SR3E-40YC6	CCS-722XPM-48Y4
DCS-7280SR3-48YC8	CCS-722XPM-48ZY8
DCS-7280SR3K-48YC8	CCS-720XP-96ZC2
DCS-7280SR3M-48YC8	CCS-720XP-96ZC2-M-S
DCS-7816-SUP	CCS-720XP models (24Y6, 48Y6, 24Y4, 48ZC2) manufactured after 01/2021
	AWE-5310
	AWE-5510
	AWE-7220R
	AWE-7230R
	AWE-7250R
	(CCS-755-CH)*
	(CCS-758-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-720DP-24S	DCS-7280PR3-24
DCS-720DT-24S	DCS-7280PR3K-24
DCS-720DP-48ZS	DCS-7280DR3-24
DCS-722XPM-48Y4	DCS-7280DR3K-24
DCS-7050CX3-32C	DCS-7280CR3K-32D4
DCS-7280CR3MK-32P4S	DCS-7050SX3-48YC8
DCS-7280CR3-32P4-M	DCS-7050SX3-48C8
DCS-7280CR3-32D4-M	DCS-7050SX3-96YC8
DCS-7816-SUP	DCS-7280CR3-32P4
DCS-7280SR3-48YC8	DCS-7280CR3K-32P4
DCS-7280SR3K-48YC8	DCS-7280CR3-32D4
CCS-720XP-96ZC2	DCS-7280CR3MK-32D4S
DCS-7050TX3-48C8	DCS-7280CR3-96
DCS-7050CX3M-32S	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 Secure Boot.

Table 3: Product Families with Support for Secure Boot

Product Family	Exceptions
CCS-720 Series	• 720XP-24Y • 720XP-24ZY4 • 720XP-48Y6 • 720XP-48ZC2
CCS-750 Series Supervisors	
DCS-7050X3 Series	• 7050CX3-32S • 7050SX3-48YC12
DCS-7280R3 Series	
DCS-7800R3 Supervisors	

Table 4: Product Families with No Support for Secure Boot

Product Family	Exceptions
DCS-7000 Series (e.g. 7048T)	DCS-7160 Series
DCS-7010 Series	DCS-7170 Series
DCS-7020 Series	DCS-7250X Series
DCS-7050 Series	DCS-7260X Series
DCS-7050X Series	DCS-7260X3 Series
DCS-7050X2-Series	DCS-7280E Series
DCS-7060X Series	DCS-7280R/RA Series
DCS-7060X2 Series	DCS-7280R2/R2A Series
DCS-7060X4 Series	DCS-7300X, 7300X3, 7320X Supervisors
DCS-7100 Series (e.g. 7124S, 7120T)	DCS-7368X4 Supervisor
DCS-7130 Series	DCS-7500 Supervisors
DCS-7150 Series	