



# **Network Access Control Capabilities of Network Devices with Cisco Identity Services Engine**

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### **Overview**

Cisco ISE supports protocol standards like RADIUS, its associated RFC Standards, and TACACS+. For more information, see the ISE Community Resources.

Cisco ISE interoperates fully with third-party RADIUS devices that adhere to the standard protocols. Support for RADIUS functions depends on the device-specific implementation.

Cisco ISE interoperates fully with third-party TACACS+ client devices that adhere to the governing protocols. Support for TACACS+ functions depends on the device-specific implementation.



Note

This document lists only the devices that are validated with Cisco ISE. Hence, this is not the complete list of devices that are supported by Cisco ISE.

The following notations are used to mark the device support:

- $\sqrt{\phantom{a}}$ : Fully supported
- $\bullet$  X : Not supported
- ! : Limited support, some functionalities are not supported.

### **Network Access Control Capabilities of Cisco Switches**

Table 1: Network Access Control Capabilities of Cisco Switches

Device	Validated OS <sup>1</sup>	AAA	Profiling	BYOD	Guest	Guest Originating	Posture	MDM	TrustSec <sup>2</sup>
	Minimum OS <sup>3</sup>					URL			
IE2000	Cisco IOS 15.2(2)E4	<b>√</b>	√	√	√	√	√	√	√
IE3000	Cisco IOS 15.2(4)EA6								
	Cisco IOS 15.0(2)EB	√	<b>√</b>	$\checkmark$	√	X	√	√	√
IE-3400-8P2S	Cisco IOS XE 17.12.1	√	√	$\checkmark$	√	√			√
	Cisco IOS XE 17.11.1								
	Cisco IOS XE 17.10.1								
	Cisco IOS XE 17.9.1								

Device	Validated OS <sup>1</sup>	AAA	Profiling	BYOD	Guest	Guest	Posture	MDM	TrustSec <sup>2</sup>
	Minimum OS <sup>3</sup>					Originating URL			
IE4000	Cisco IOS 15.2(2)E5	<b>√</b>	√	<b>√</b>	√	√	√	√	√
IE5000	Cisco IOS 15.2(4)E2								
	Cisco IOS 15.2(4)EA6								
	Cisco IOS 15.0.2A-EX5	√	<b>√</b>	√	√	<b>√</b>	√	√	<b>√</b>
IE4010	Cisco IOS 15.2(2)E5	<b>√</b>	√	<b>√</b>	√	√	√	√	√
	Cisco IOS 15.2(4)E2								
	Cisco IOS 15.0.2A-EX5	√	<b>√</b>	√	<b>√</b>	<b>√</b>	√	<b>√</b>	<b>√</b>
IR1101-K9	Cisco IOS XE 17.12.1	<b>√</b>	Not	Not	Not	Not	Not	Not	V
	Cisco IOS XE 17.11.1		validated	validated	validated	validated	validated	validated	
	Cisco IOS XE 17.10.1								
	Cisco IOS XE 17.9.1								
IR8340	Cisco IOS XE 17.12.1	<b>√</b>	Not	Not	Not	Not	Not	Not	√
	Cisco IOS XE 17.11.1		validated	validated	validated	validated	validated	validated	
	Cisco IOS XE 17.10.1								
CGS 2520	Cisco IOS 15.2(3)E3	<b>√</b>	<b>√</b>	√	√	X	√	√	
	Cisco IOS 15.2(3)E3	<b>√</b>	<b>√</b>	√	√	X	√	√	√
Catalyst	Cisco IOS 15.2(7)E3	<b>√</b>	<b>√</b>	√	√	V	√	√	X
1000	Cisco IOS 15.2(7)E3	<b>√</b>	<b>√</b>	√	√	√	<b>√</b>	√	X
Catalyst 2960 LAN	Cisco IOS 15.0(2)SE11	√	<b>√</b>	√	<b>√</b>	X	√	<b>√</b>	X
Base	Cisco IOS v12.2(55)SE5 <sup>4</sup>	√	<b>√</b>	√	!	X	!	!	X
Catalyst 2960-C	Cisco IOS 15.2(2)E4	<b>√</b>	√	√	√	√	√	√	√
Catalyst 3560-C	Cisco IOS 12.2(55)EX3	<b>√</b>	√	<b>√</b>	√	<b>√</b>	√	√	<b>√</b>
Catalyst 2960-L	Cisco IOS 15.2(6.1.27)E2	√	√	√	√	√	√	√	X
	Cisco IOS 15.2(6)E2	<b>√</b>	√	√	√	√	√	√	X

Device	Validated OS <sup>1</sup>	AAA	Profiling	BYOD	Guest	Guest	Posture	MDM	TrustSec <sup>2</sup>
	Minimum OS <sup>3</sup>					Originating URL			
Catalyst 2960-Plus	Cisco IOS 15.2(2)E4	<b>√</b>	√	√	<b>√</b>	√	√	√	√
Catalyst 2960-SF	Cisco IOS 15.0(2)SE7	<b>√</b>	√	√	√	√	√	<b>√</b>	X
Catalyst 2960-CX	Cisco IOS 15.2(3)E1	<b>√</b>	√	√	√	√	√	√	√
Catalyst 3560-CX	Cisco IOS 15.2(3)E	<b>√</b>	√	√	√	√	√	<b>√</b>	√
Catalyst 2960-S	Cisco IOS 15.2.2E8	<b>√</b>	√	√	√	√	√	√	√
Catalyst 2960-XR Catalyst 2960-X	Cisco IOS 15.0(2)SE11	√	√	√	√	√	√	√	√
Catalyst 3560V2	Cisco IOS 12.2(55)SE10	√	<b>√</b>	√	<b>√</b>	V	√	<b>√</b>	√
Catalyst 3750V2	Cisco IOS 12.2(55)SE5	√	<b>√</b>	√	√	√	√	<b>√</b>	<b>√</b>
Catalyst 3560-E	Cisco IOS 15.0(2)SE11	√	<b>√</b>	√	√	√	√	√	√
	Cisco IOS 12.2(55)SE5	√	<b>√</b>	√	√	√	√	<b>√</b>	<b>√</b>
Catalyst 3560-G	Cisco IOS 15.0(2)SE11 Cisco IOS 15.2(2)E6 Cisco IOS 12.2(55)SE11	√	√	√	√	√	√	√	√
	Cisco IOS 12.2(55)SE5	√	<b>√</b>	√	<b>√</b>	V	√	√	√
Catalyst 3560-X	Cisco IOS 15.2.4E10 Cisco IOS 15.2(4)E9 Cisco IOS 15.2(2)E6 Cisco IOS 15.2(2)E5	√	√	√	√	√	√	√	√
	Cisco IOS 12.2(55)SE5	√	√	√	√	√	√	√	√

Device	Validated OS <sup>1</sup>	AAA	Profiling	BYOD	Guest	Guest	Posture	MDM	TrustSec <sup>2</sup>
	Minimum OS <sup>3</sup>					Originating URL			
Catalyst	Cisco IOS XE 16.3.3	<b>√</b>	√	√	√	√	√	√	√
3650	Cisco IOS XE 3.6.5E								
Catalyst 3650-X	Cisco IOS 16.6.2 ES								
Catalyst	Cisco IOS 16.9.1 ES								
3850	Cisco IOS XE 16.12.1								
	Cisco IOS XE 3.3.5.SE	<b>√</b>	√	√	√	√	√	√	√
Catalyst	Cisco IOS 15.2(2) E6	<b>√</b>	√	√	√	√	√	√	√
3750-E Catalyst	Cisco IOS 12.2(55)SE5								
3750-G	Cisco IOS 12.2(55)SE10								
	Cisco IOS 12.2(55)SE11								
	Cisco IOS 15.0(2)SE11								
	Cisco IOS 12.2(55)SE5	<b>√</b>	<b>√</b>	√	√	√	√	√	√
Catalyst	Cisco IOS 15.2(2) E6	<b>√</b>	<b>√</b>	√	√	√	√	√	√
3750-X	Cisco IOS 15.2(2)E5								
	Cisco IOS 15.2(4)E2								
	Cisco IOS 12.2(55)SE5	√	<b>√</b>	√	√	√	√	√	<b>√</b>
Catalyst	Cisco IOS 3.11.0E ED	<b>√</b>	√	<b>√</b>	√	√	<b>√</b>	√	√
4500 Supervisor	Cisco IOS 3.10.3E								
8-E	Cisco IOS XE 3.6.8E								
	Cisco IOS XE 3.6.4								
	Cisco IOS XE 3.3.2 XO	<b>√</b>	<b>√</b>	√	√	√	√	√	√
Catalyst	Cisco IOS XE 3.6.4	<b>√</b>	√	√	√	√	√	√	√
4500 Supervisor 7-E, 7L-E	Cisco IOS XE 3.4.4 SG	<b>√</b>	√	√	√	X	<b>√</b>	√	<b>√</b>

Device	Validated OS <sup>1</sup>	AAA	Profiling	BYOD	Guest	Guest	Posture	MDM	TrustSec <sup>2</sup>
	Minimum OS <sup>3</sup>					Originating URL			
Catalyst	Cisco IOS 15.2(2)E4	<b>√</b>	√	<b>√</b>	√	X	<b>√</b>	√	√
4500 Supervisor 6-E, 6L-E	Cisco IOS 15.2(2)E	<b>√</b>	√	√	V	X	$\sqrt{}$	√	√
Catalyst	Cisco IOS XE 3.6.6 E	<b>√</b>	√	√	√	√	√	√	√
4500-X	Cisco IOS 15.2(2)E5								
	Cisco IOS 15.2(4)E2								
	Cisco IOS 15.2(6)E								
	Cisco IOS XE 3.4.4 SG	√	√	$\sqrt{}$	√	√	√	√	√
Catalyst 5760	Cisco IOS XE 3.7.4	√	<b>√</b>	√	√	X	√	√	<b>√</b>
Catalyst 6500-E	Cisco IOS 12.2(33)SXJ10	√	<b>√</b>	√	√	X	√	<b>√</b>	<b>√</b>
(Supervisor 32)	Cisco IOS 12.2(33)SXI6	√	<b>√</b>	√	√	X	√	<b>√</b>	<b>√</b>
Catalyst	Cisco IOS 15.1(2)SY7	<b>√</b>	<b>√</b>	<b>√</b>	√	X	<b>√</b>	√	√
6500-E (Supervisor 720)	Cisco IOS v12.2(33)SXI6	√	√	√	√	X	√	√	√
Catalyst	Cisco IOS 152-1.SY1a	<b>√</b>	√	<b>√</b>	√	X	<b>√</b>	√	√
6500-E (VS-S2T-10G)	Cisco IOS 15.0(1)SY1	<b>√</b>	√	√	√	X	√	√	√
Catalyst	Cisco IOS 152-1.SY1a	<b>√</b>	<b>√</b>	<b>√</b>	√	X	<b>√</b>	√	√
6807-XL Catalyst 6880-X (VS-S2T-10G)	Cisco IOS 15.0(1)SY1	√	√	√	√	X	√	√	√
Catalyst 6500-E	Cisco IOS 12.2(33)SXJ10	<b>√</b>	<b>√</b>	√	√	X	√	√	<b>√</b>
(Supervisor 32)	Cisco IOS 12.2(33)SXI6	<b>√</b>	<b>√</b>	√	<b>√</b>	X	√	√	<b>√</b>
Catalyst	Cisco IOS 152-1.SY1a	<b>√</b>	√	<b>√</b>	<b>√</b>	X	<b>√</b>	√	√
6848ia	Cisco IOS 15.1(2) SY+	<b>√</b>	√	√	√	X	<b>√</b>	√	√

Device	Validated OS <sup>1</sup>	AAA	Profiling	BYOD	Guest	Guest Originating	Posture	MDM	TrustSec <sup>2</sup>
	Minimum OS <sup>3</sup>					URL			
Cisco	Cisco IOS XE 17.12.1	<b>√</b>	√	√	√		√	<b>√</b>	$\checkmark$
Catalyst 9000 series	Cisco IOS XE 17.11.1								
switch	Cisco IOS XE 17.10.1								
family including:	Cisco IOS XE 17.9.1								
Catalyst	Cisco IOS XE 17.8.1								
9200	Cisco IOS XE 17.7.1								
Catalyst	Cisco IOS XE 17.6.1								
9300	Cisco IOS XE 17.5.1								
Catalyst 9400	Cisco IOS XE 17.4.1								
Catalyst	Cisco IOS XE 17.3.1								
9500	Cisco IOS XE 17.2.1								
Catalyst	Cisco IOS XE 17.1.1								
9600	Cisco IOS XE 16.12.1								
	Cisco IOS XE 16.9.1								
	Cisco IOS XE 16.6.2								
	Cisco IOS XE 16.6.1	<b>√</b>	√	√	√	√	√	√	√

 $<sup>^{1}</sup>$  Validated OS is the version tested for compatibility and stability.

### **Network Access Control Capabilities of Cisco Wireless LAN Controllers**

Table 2: Network Access Control Capabilities of Cisco Wireless LAN Controllers

Device	Validated OS <sup>5</sup>	AAA	Profiling	BYOD	Guest	Guest Originating URL	Posture	MDM	TrustSec <sup>6</sup>
WLC 2100	AireOS 7.0.252.0	!	√	X	!	X	X	X	X
	AireOS 7.0.116.0 (minimum)	!	√	X	!	X	X	X	X
WLC 2504	AirOS 8.5.120.0(ED)	<b>√</b>	√	√	√	√	√	√	√

See the Cisco TrustSec Product Bulletin for a complete list of Cisco TrustSec feature support.

<sup>&</sup>lt;sup>3</sup> Minimum OS is the version in which the features got introduced.

<sup>&</sup>lt;sup>4</sup> The IOS 12.x version does not fully support the Posture and Guest flows because of CSCsx97093. As a workaround, when you configure URL redirect in Cisco ISE, assign a value to "coa-skip-logical-profile."

Device	Validated OS <sup>5</sup>	AAA	Profiling	BYOD	Guest	Guest Originating URL	Posture	MDM	TrustSec 6
WLC 3504	AirOS 8.5.105.0	<b>√</b>	√	√	<b>√</b>	√	√	<b>√</b>	Not validated
WLC 4400	AireOS 7.0.252.0	!	√	X	!	X	X	X	X
	AireOS 7.0.116.0 (minimum)	!	√	X	!	X	X	X	X
WLC 2500	AireOS 8.0.140.0	<b>√</b>	√	√	√	X	√	√	X
	AireOS 8.2.121.0	<b>√</b>	√	√	√	X	√	√	√
	AireOS 8.3.102.0	<b>√</b>	√	√	√	X	√	√	√
	AireOS 8.4.100.0	<b>√</b>	√	√	√	X	√	√	√
	AireOS 7.2.103.0 (minimum)	!	√	√	√	X	√	<b>√</b>	X
WLC 5508	AireOS 8.0.140.0	<b>√</b>	√	√	√	X	√	√	X
	AireOS 8.2.121.0	<b>√</b>	√	√	√	X	√	<b>√</b>	√
	AireOS 8.3.102.0	<b>√</b>	√	√	√	X	√	√	√
	AireOS 8.3.114.x	<b>√</b>	√	√	√	X	√	√	√
	AireOS 8.3.140.0	<b>√</b>	√	√	√	X	√	√	√
	AireOS 8.4.100.0	<b>√</b>	√	√	<b>√</b>	X	√	√	√
	AireOS 7.0.116.0 (minimum)	!	√	X	!	X	X	X	√
WLC 5520	AireOS 8.0.140.0	<b>√</b>	√	√	√	X	<b>√</b>	√	X
	AireOS 8.2.121.0	<b>√</b>	√	√	√	X	√	√	√
	AireOS 8.3.102.0	<b>√</b>	√	√	√	X	√	√	√
	AireOS 8.4.100.0	<b>√</b>	√	√	√	X	√	√	√
	AireOS 8.5.1.x	<b>√</b>	√	√	√	√	<b>√</b>	<b>√</b>	√
	AireOS 8.6.1.x	<b>√</b>	√	√	√	√	√	<b>√</b>	√
	AirOS 8.6.101.0(ED)	<b>√</b>	√	√	√	√	<b>√</b>	<b>√</b>	√
	AireOS 8.1.122.0 (minimum)	√	<b>√</b>	√	√	X	√	<b>√</b>	√

Device	Validated OS <sup>5</sup>	AAA	Profiling	BYOD	Guest	Guest Originating URL	Posture	MDM	TrustSec 6
WLC 7500	AireOS 8.0.140.0	<b>√</b>	√	√	<b>√</b>	X	√	√	X
	AireOS 8.2.121.0	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	X	<b>√</b>	<b>√</b>	√
	AireOS 8.2.154.x	<b>√</b>	<b>√</b>	<b>√</b>	√	X	√	<b>√</b>	√
	AireOS 8.3.102.0	<b>√</b>	√	√	<b>√</b>	X	<b>√</b>	<b>√</b>	√
	AireOS 8.4.100.0	<b>√</b>	<b>√</b>	√	<b>√</b>	X	√	<b>√</b>	√
	AirOS 8.5.120.0(ED)	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	√	<b>√</b>	<b>√</b>	√
	AireOS 7.2.103.0 (minimum)	!	<b>√</b>	X	X	X	X	X	X
WLC 8540	AireOS 8.1.131.0	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	X	<b>√</b>	<b>√</b>	X
	AireOS 8.1.122.0 (minimum)	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	X	<b>√</b>	<b>√</b>	X
WiSM1 6500	AireOS 7.0.252.0	!	<b>√</b>	X	!	X	X	X	X
	AireOS 7.0.116.0 (minimum)	!	<b>√</b>	X	!	X	X	X	X
WiSM2 6500	AireOS 8.0.135.0	√	√	<b>√</b>	√	X	√	<b>√</b>	√
	AireOS 7.2.103.0 (minimum)	!	√	√	<b>√</b>	X	√	<b>√</b>	√
WLC 5760	IOS XE 3.6.4	<b>√</b>	√	√	<b>√</b>	√	√	<b>√</b>	√
	IOS XE 3.3 (minimum)	<b>√</b>	√	√	<b>√</b>	X	√	<b>√</b>	√
Catalyst 9800-80	Cisco IOS XE 17.12.1	<b>√</b>	<b>√</b>	<b>√</b>	√	√	<b>√</b>	<b>√</b>	√
Catalyst 9800-40	Cisco IOS XE 17.11.1								
Catalyst 9800-L	Cisco IOS XE 17.10.1								
Catalyst 9800-CL	Cisco IOS XE 17.9.1								
	Cisco IOS XE 17.6.1								
	Cisco IOS XE 17.5.1								
	Cisco IOS XE 17.4.1								
	Cisco IOS XE 17.3.1								
	Cisco IOS XE 17.2.1								
	Cisco IOS XE 17.1.1								
	Cisco IOS XE 16.12.1								
	Cisco IOS XE 16.10.1	<b>√</b>	√	<b>√</b>	<b>√</b>	√	<b>√</b>	<b>√</b>	<b>√</b>

Device	Validated OS <sup>5</sup>	AAA	Profiling	BYOD	Guest	Guest Originating URL	Posture	MDM	TrustSec 6
WLC for ISR (ISR2 ISM, SRE700, and	AireOS 7.0.116.0	!	√	X	!	X	X	X	X
SRE900)	AireOS 7.0.116.0 (minimum)	!	$\checkmark$	X	!	X	X	X	X
Embedded Wireless	Cisco IOS XE 17.6.1	√	√	√	<b>√</b>	√	<b>√</b>	<b>√</b>	X
Controller on Catalyst Access Points:	Cisco IOS XE 17.5.1								
Catalyst 9130 Series	Cisco IOS XE 17.4.1								
Catalyst 9120 Series	Cisco IOS XE 17.3.1								
Catalyst 9117 Series	Cisco IOS XE 17.2.1								
Catalyst 9115 Series	Cisco IOS XE 17.1.1								
Catalyst 9105 Series	IOS XE 16.12.1	√	√	√	<b>√</b>	√	√	<b>√</b>	X

<sup>&</sup>lt;sup>5</sup> Validated OS is the version tested for compatibility and stability.

Refer to the Cisco Wireless Solutions Software Compatibility Matrix for a complete list of supported operating systems.



Note

Due to CSCvi10594, IPv6 RADIUS CoA fails in AireOS Release 8.1 and later. As a workaround, you can use IPv4 RADIUS or downgrade Cisco Wireless LAN Controller to AireOS Release 8.0.



Note

Cisco Wireless LAN Controllers (WLCs) and Wireless Service Modules (WiSMs) do not support downloadable ACLs (dACLs), but support named ACLs. Autonomous AP deployments do not support endpoint posturing. Profiling services are supported for 802.1X-authenticated WLANs starting from WLC release 7.0.116.0 and for MAB-authenticated WLANs starting from WLC 7.2.110.0. FlexConnect, previously known as Hybrid Remote Edge Access Point (HREAP) mode, is supported with central authentication configuration deployment starting from WLC 7.2.110.0. For additional details regarding FlexConnect support, refer to the release notes for the applicable wireless controller platform.

<sup>&</sup>lt;sup>6</sup> See the Cisco TrustSec Product Bulletin for a complete list of Cisco TrustSec feature support.

# **Network Access Control Capabilities of Cisco Access Points**

Table 3: Network Access Control Capabilities of Cisco Access Points

Cisco Access Point	Minimum Cisco Mobility Express Version	AAA	Profiling	BYOD	Guest	Guest Originating URL	Posture	MDM	TrustSec
Cisco Aironet 1540 Series	Cisco Mobility Express 8.7.106.0	√	X	√	√	X	X	X	X
Cisco Aironet 1560 Series	Cisco Mobility Express 8.7.106.0	√	X	√	√	X	X	X	X
Cisco Aironet 1815i	Cisco Mobility Express 8.7.106.0	√	X	<b>√</b>	√	X	X	X	X
Cisco Aironet 1815m	Cisco Mobility Express 8.7.106.0	√	X	√	<b>√</b>	X	X	X	X
Cisco Aironet 1815w	Cisco Mobility Express 8.7.106.0	√	X	√	√	X	X	X	X
Cisco Aironet 2800 Series	Cisco Mobility Express 8.7.106.0	√	X	√	<b>√</b>	X	X	X	X
Cisco Aironet 3800 Series	Cisco Mobility Express 8.7.106.0	√	X	√	<b>√</b>	X	X	X	X

# **Network Access Control Capabilities of Cisco Routers**

Table 4: Network Access Control Capabilities of Cisco Routers

Device	Validated OS <sup>7</sup>	AAA	Profiling	BYOD	Guest	Posture	MDM	TrustSec <sup>9</sup>
	Minimum OS <sup>8</sup>							
ISR 88x, 89x	IOS 15.3.2T(ED)	<b>√</b>	X	X	X	X	X	X
Series	IOS 15.2(2)T	<b>√</b>	X	X	X	X	X	X
ASR 1001-HX	IOS XE 17.1.1	<b>√</b>	X	X	X	X	X	√
ASR 1001-X	IOS XE 17.2.1							
ASR 1002-HX ASR 1002-X	IOS XE 17.1.1	√	X	X	X	X	X	√
ISR 19x, 29x, 39x	IOS 15.3.2T(ED)	<b>√</b>	!	X	!	X	X	<b>√</b>
Series	IOS 15.2(2)T	<b>√</b>	!	X	!	X	X	√
CE 9331	IOS XE 17.1.1	<b>√</b>	X	X	X	X	X	√
,	IOS XE 17.1.1	<b>√</b>	X	X	X	X	X	√
C8300-1N1S-4T2X	Cisco IOS XE	<b>√</b>	X	X	X	X	X	√
C8300-1N1S-6T	17.12.1							
C8300-2N2S-4T2X	Cisco IOS XE 17.11.1							
C8300-2N2S-6T	Cisco IOS XE							
C8500-12X	17.10.1							
C8500-12X4QC	Cisco IOS XE 17.9.1							
C8200-1N-4T	Cisco IOS XE 17.6.1							
ISR1100-4G	Cisco IOS XE 17.5.1							
C8500L-8S4G	Cisco IOS XE 17.4.1							
•	Cisco IOS XE 17.4.1	<b>√</b>	X	X	X	X	X	√
CGR 2010	IOS 15.3.2T(ED)	<b>√</b>	!	X	!	X	X	√
	IOS 15.3.2T(ED)	<b>√</b>	!	X	!	X	X	√
4451-XSM-X L2/L3	IOS XE 3.11	√	√	<b>√</b>	<b>√</b>	√	<b>√</b>	V
Ethermodule	IOS XE 3.11	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	√	√

Validated OS is the version tested for compatibility and stability.
Minimum OS is the version in which the features got introduced.

<sup>9</sup> See the Cisco TrustSec Product Bulletin for a complete list of Cisco TrustSec feature support.



Note

For CoA to function properly, the minimum IOS version required for Cisco ISR series to work with SM-X-40G8M2X and SM-X-16G4M2X modules is IOS XE 17.4.1.

### **Network Access Control Capabilities of Cisco Remote Access Platforms**

Table 5: Network Access Control Capabilities of Cisco Remote Access Platforms

Device	Validated OS <sup>10</sup>	AAA	Profiling	BYOD	Guest	Posture	MDM	TrustSec 11
	Minimum OS 12							
ASA 5500, ASA 5500-X (Remote Access Only)	ASA 9.2.1	NA	NA	√	NA	√	X	
	ASA 9.1.5	NA	NA	X	NA	X	X	X

 $<sup>^{10}</sup>$  Validated OS is the version tested for compatibility and stability.

### **Validated Cisco Meraki Devices**

Table 6: Cisco Meraki Access Control Capabilities with ISE

Model	802.1X	MAB	VLAN	GPACL	Adaptive Policy	URL Redirect	CoA	Profiling
Wireless								
MR20, MR70, MR28, MR78	<b>√</b>	<b>√</b>	√	√	X	<b>√</b>	√	X

See the Cisco TrustSec Product Bulletin for a complete list of Cisco TrustSec feature support.

Minimum OS is the version in which the features got introduced.

Model	802.1X	MAB	VLAN	GPACL	Adaptive Policy	URL Redirect	CoA	Profiling
MR30H, MR36, MR42/E, MR44, MR45, MR46/E, MR52, MR53E, MR56, MR74, MR76, MR86	√	√	√	<b>V</b>	√	√	√	X
Teleworker	1							I
Z3/C	<b>√</b>	√	X	X	√ Transport MX18.1+	X	X	X
Switching	1	I	I		l		l	
MS120, MS125	<b>√</b>	<b>√</b>	√	X	X	X	<b>√</b>	CDP+LLDP
MS210, MS225, MS250	√	<b>√</b>	√	<b>√</b>	X	<b>√</b>	√	CDP+LLDP
MS350, MS355	√	<b>√</b>	√	<b>√</b>	X	√	√	CDP+LLDP
MS390	√	√	√	√	√	<b>√</b>	<b>√</b>	Full Device Sensor
MS410, MS425, MS450 (aggregation)	√	√	1	√	X	√	√	CDP+LLDP
Security and	SD-WAN		1	1	-	,	ı	1

Model	802.1X	MAB	VLAN	GPACL	Adaptive Policy	URL Redirect	СоА	Profiling
MX64/W, MX67/C/W, MX68/CW/W, MX75, MX84, MX85, MX95, MX100, MX105, MX250, MX450	√ 802.1X or MAB	√ 802.1X or MAB	X	X	√ Transport MX18.1+	X	X	X

#### **Additional References**

The following link contains additional resources that you can use when working with Cisco ISE: https://www.cisco.com/c/en/us/td/docs/security/ise/end-user-documentation/Cisco ISE End User Documentation.html

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