



Supported Devices Table for IP Communications Operations Manager 1.0

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Note

Node-to-node tests and synthetic tests are supported on specific devices. The devices that can run these tests are specified in the applicable tables.

When you install IP Communications Operations Manager 1.0, you also install device support for all of the devices listed in this document.

Keep these points in mind when you view the device support table:

- The devices listed in this document might be categorized differently in the Operations Manager display.
- This list contains the Cisco model names of all devices that are supported by Operations Manager 1.0. Variants to the generic device (device model names that have unique extensions) are not supported unless they are specifically listed. The device support tables provide SysObjectIDs to help you verify which devices are supported.
- Operations Manager does not support switch clusters. A switch cluster is a group of switches that comprises a master switch and slave switches. This relationship allows NMSs to query the master switch for information about the slave switches.

Devices Supported by IP Communications Operations Manager 1.0

Table 1 *Broadband Cable¹*

Series	Devices Supported	SysObjectID	Node-To-Node Test Support
Cisco uBR10012 Universal Broadband RouterS	UBR10012	1.3.6.1.4.1.9.1.317	—
Cisco uBR7200 Series Broadband Routers	UBR7223	1.3.6.1.4.1.9.1.210	Yes
	UBR7246	1.3.6.1.4.1.9.1.179	
	UBR7246VXR	1.3.6.1.4.1.9.1.271	
Cisco uBR7100 Series Universal Broadband Routers	UBR7111	1.3.6.1.4.1.9.1.344	Yes
	UBR7111E	1.3.6.1.4.1.9.1.345	
	UBR7114	1.3.6.1.4.1.9.1.346	
	UBR7114E	1.3.6.1.4.1.9.1.347	
Cisco uBR900 Series Cable Access Routers	UBR904	1.3.6.1.4.1.9.1.191	—
	UBR905	1.3.6.1.4.1.9.1.351	—
	UBR924	1.3.6.1.4.1.9.1.255	—

1. Supported as IP infrastructure devices.

Table 2 *Content Networking¹*

Series	Devices Supported	SysObjectID
Cisco CSS 11500 Series Content Services Switches	CSS11501	1.3.6.1.4.1.2467.4.7
	CSS11503	1.3.6.1.4.1.2467.4.5
	CSS11506	1.3.6.1.4.1.2467.4.6
Cisco CSS 11000 Series Content Services Switches ²	CSS11050	1.3.6.1.4.1.2467.4.4
	CSS11150	1.3.6.1.4.1.2467.4.3
Cisco 7300 Series Content Engines	CE-7305	1.3.6.1.4.1.9.1.504
	CE-7320	1.3.6.1.4.1.9.1.412
	CE-7325	1.3.6.1.4.1.9.1.492
Cisco 4600 Series Content Distribution Managers	CDM-4630	1.3.6.1.4.1.9.1.486
	CDM-4650	1.3.6.1.4.1.9.1.487
Cisco 4000 Series Routers	4700-M	1.3.6.1.4.1.9.1.50
Cisco Global Site Selector Platforms	GSS-4490	1.3.6.1.4.1.9.1.517
Cisco 500 Series Content Engines	CE-507	1.3.6.1.4.1.9.1.409
	CE-507AV	1.3.6.1.4.1.9.1.432
	CE-510	1.3.6.1.4.1.9.1.505
	CE-511	1.3.6.1.4.1.9.1.595
	CE-560	1.3.6.1.4.1.9.1.410
	CE-560AV	1.3.6.1.4.1.9.1.433
	CE-565	1.3.6.1.4.1.9.1.491
	CE-590	1.3.6.1.4.1.9.1.411

1. Supported as IP infrastructure devices.

2. Operations Manager recognizes CSS 11000 Content Services Switches running Cisco Web Network Services (Web NS) Version 5.00.

Table 3 *DSL and Long-Reach Ethernet¹*

Series	Devices Supported	SysObjectID
Cisco Catalyst 6000 Series Switches	6200	1.3.6.1.4.1.9.1.192
Cisco Catalyst 6000 Series IP DSL Switches	6015	1.3.6.1.4.1.9.1.299
	6160	1.3.6.1.4.1.9.1.297
	6260	1.3.6.1.4.1.9.1.253
Cisco Catalyst 2950 LRE Series Switches	2950-ST-8-LRE	1.3.6.1.4.1.9.1.483
	2950-ST-24-LRE	1.3.6.1.4.1.9.1.482
Cisco 500 Series LRE CPE Devices	CS500	1.3.6.1.4.1.9.1.9

1. Supported as IP infrastructure devices.

Table 4 *Interfaces and Modules*

Series	Modules Supported	Node-To-Node Test Support
RPM-XF Service Module for MGX 8800 Series Switches	RPM-XF	—
Cisco IGX Universal Router Module for 8400 Series Switches	IGX-URM-2FE	—
	IGX-URM-2FE-2V	—
Cisco Route Processor Module (RPM-PR) for Cisco MGX 8000 Series Multiservice Switches	RPM-PR	Yes
Cisco Multiprocessor WAN Application Module (MWAM) for Cisco Catalyst 6500 Series Switches and Cisco 7600 Series Internet Routers	MWAM	—
Cisco Catalyst 6500 and Cisco 7600 Series Communications Media Module (CMM)	WS-SVC-CMM	Yes
Network Analysis Module (NAM) for Cisco Catalyst 6500 Series Switches and Cisco 7600 Series Routers	WS-SVC-NAM-1	—
	WS-SVC-NAM-2	—
Cisco SSL Service Module for the Cisco Catalyst 6500 Series and Cisco 7600 Series	WS-SVC-SSL-1-K9	—
Network Analysis Module (NAM) for Cisco Catalyst 6000 Series Switches	WS-X6380-NAM	—
Cisco Catalyst 6000 Series Switches Multilayer Switch Module (MSM)	WS-X6302MSM	—
Cisco Catalyst 6000 Series Switches Module Switch Feature Card (MSFC)	WS-F6K-MSFC	—
	WS-F6K-MSFC2	Yes
	WS-F6K-MSFC3	—
Cisco Catalyst 6000 and Catalyst 6500 Series Switches	WS-X6148-GE-TX	—
	WS-X6148-RJ21V	—
	WS-X6148-RJ45V	—
	WS-X6196-RJ21	—
	WS-X6196-RJ45	—
	WS-X6248-ARJ45	—
	WS-X6248-RJ45	—
	WS-X6348-RJ21	—
	WS-X6348-RJ45	—
	WS-X6516-GE-TX	—
	WS-X6548-GE-TX	—
	WS-X6548-RJ21	—
	WS-X6548-RJ45	—
	WS-X6608-E1	—
	WS-X6608-T1	—
	WS-X6224-FXS	—
SVC-FWM-1	—	

Table 4 *Interfaces and Modules (continued)*

Series	Modules Supported	Node-To-Node Test Support
Cisco Catalyst 5000 Series Switches Router Switch Module (RSM)	WS-X5302	Yes
Cisco Catalyst 5000 Series Switches Router Switch Feature Card (RSFC)	WS-F5541 (5kRsfc)	Yes
Cisco Catalyst 5000 and Catalyst 5500 Series Switches	WS-X5010	—
	WS-X5012	—
	WS-X5013	—
	WS-X5014	—
	WS-X5020	—
	WS-X5113	—
	WS-X5203	—
	WS-X5213	—
	WS-X5213A	—
	WS-X5224	—
	WS-X5225R	—
	WS-X5234	—
	WS-X5239	—
	Cisco Catalyst 4000 and Catalyst 4500 Series Switches	WS-X4013
WS-X4014		—
WS-X4148-RJ		—
WS-X4148-RJ21		—
WS-X4148-RJ45V		—
WS-X4232-GB-RJ		—
WS-X4232-L3 ¹		—
WS-X4232-RJ-XX		—
WS-X4248-RJ21V		—
WS-X4248-RJ45V		—
WS-X4424-GB-RJ45		—
WS-X4448-GB-RJ45		—
WS-X4515		—
WS-X4548-GB-RJ45 ¹		—
WS-X4548-GB-RJ45V		—
WS-X4604-GWY ¹		—
WS-X2948-GB-RJ		—
WS-X2980-GB-RJ		—
WS-X2980-RJ		—
Cisco Gigabit Ethernet Switch Module (CGESM) for HP Blade Server		CGESM

Table 4 *Interfaces and Modules (continued)*

Series	Modules Supported	Node-To-Node Test Support
Cisco Systems Intelligent Gigabit Ethernet Switch Module (IGESM) for IBM eServer BladeCenter	IGESM	—
Cisco 2600 Series Content Engine Modules	CE-2636	—
Cisco Serial Mobile Interface Cards (SMIC) for Cisco 3200 Series Mobile Access Routers	3201	—
Cisco 1800 Series Integrated Services Routers	NAM	—
Cisco 2600 Series Multiservice Platforms	NM-16ESW	—
Cisco 2800 Series Integrated Services Routers	NM-16ESW-1GIG	—
Cisco 3600 Series Multiservice Platforms	NM-16ESW-PWR	—
Cisco 3700 Series Multiservice Access Routers	NM-16ESW-PWR-1GIG	—
Cisco 3800 Series Integrated Services Routers	NMD-36ESW	—
	NMD-36ESW-2GIG	—
	NMD-36ESW-PWR	—
	NMD-36ESW-PWR-2GIG	—
Cisco 1800/2800/3800 Series 4-Port EtherSwitch High-Speed WAN Interface Card	HWIC-4ESW	—
Cisco 1800/2800/3800 Series 9-Port EtherSwitch High-Speed WAN Interface Card	HWIC-D-9ESW	—

1. Supported with CatOS only.

Table 5 *Network Management¹*

Series	Devices Supported	SysObjectID
Cisco Wireless LAN Solution Engine	2.8	1.3.6.1.4.1.9.1.459
CiscoWorks for Wireless LAN Solution Engine	1030	1.3.6.1.4.1.9.1.631
	1130	1.3.6.1.4.1.9.1.630

1. Supported as IP infrastructure devices.

Table 6 *Optical Networking¹*

Series	Devices Supported	SysObjectID
Cisco ONS 15500 Series	ONS-15501-AC	1.3.6.1.4.1.1869.11.11.5.3
	ONS-15501-DC	1.3.6.1.4.1.1869.11.11.5.1
	ONS-15530-ETSI	1.3.6.1.4.1.9.1.462
	ONS-15530	1.3.6.1.4.1.9.1.460
	ONS-15530-NEBS	1.3.6.1.4.1.9.1.460
	ONS-15540-ESP	1.3.6.1.4.1.9.1.406
	ONS-15540-ESPx	1.3.6.1.4.1.9.1.481
Cisco ONS 15400 Series	ONS-15454	1.3.6.1.4.1.3607.1.20.10.10

1. Supported as IP infrastructure devices.

Table 7 *Routers and Routing Systems*

Series	Devices Supported	Supported as		SysObjectID	Node-To-Node Test Support
		Infrastructure	Telephony		
Cisco 12000 Series Internet Routers	12004	X	-	1.3.6.1.4.1.9.1.181	Yes
	12008	X	-	1.3.6.1.4.1.9.1.182	
	12010 GSR	X	-	1.3.6.1.4.1.9.1.348	
	12012	X	-	1.3.6.1.4.1.9.1.173	
	12016	X	-	1.3.6.1.4.1.9.1.273	
	12404 GSR	X	-	1.3.6.1.4.1.9.1.423	
	12406 GSR	X	-	1.3.6.1.4.1.9.1.388	
	12410 GSR	X	-	1.3.6.1.4.1.9.1.394	
	12416 GSR	X	-	1.3.6.1.4.1.9.1.385	
Cisco 10700 Series Routers	10720	X	-	1.3.6.1.4.1.9.1.397	—
Cisco 10000 Series Internet Routers	10005 ESR	X	-	1.3.6.1.4.1.9.1.437	—
	10008 ESR	X	-	1.3.6.1.4.1.9.1.438	—
Cisco 7600 Series Routers	7603	X	-	1.3.6.1.4.1.9.5.53 (CatOS)	—
		X	-	1.3.6.1.4.1.9.1.401 (IOS)	—
	7606	X	-	1.3.6.1.4.1.9.5.54 (CatOS)	—
		X	-	1.3.6.1.4.1.9.1.402 (IOS)	—
	7609	X	-	1.3.6.1.4.1.9.5.55 (CatOS)	—
		X	-	1.3.6.1.4.1.9.1.509 (IOS)	—
	7613	X	-	1.3.6.1.4.1.9.5.60 (CatOS)	—
		X	-	1.3.6.1.4.1.9.1.528 (IOS)	—

Table 7 Routers and Routing Systems (continued)

Series	Devices Supported	Supported as		SysObjectID	Node-To-Node Test Support
		Infrastructure	Telephony		
Cisco 7500 Series Routers	7505	X	X	1.3.6.1.4.1.9.1.48	Yes
	7507	X	X	1.3.6.1.4.1.9.1.45	
	7507mx	X	X	1.3.6.1.4.1.9.1.290	
	7507z	X	X	1.3.6.1.4.1.9.1.288	
	7513	X	X	1.3.6.1.4.1.9.1.46	
	7513mx	X	X	1.3.6.1.4.1.9.1.291	
	7513z	X	X	1.3.6.1.4.1.9.1.289	
	7576	X	-	1.3.6.1.4.1.9.1.204	
Cisco 7400 Series Routers	7401	X	X	1.3.6.1.4.1.9.1.403	—
Cisco 7300 Series Multiservice Access Routers	7301	X	X	1.3.6.1.4.1.9.1.476	—
	7304	X	-	1.3.6.1.4.1.9.1.439	—
Cisco 7200 Series Routers	7202	X	X	1.3.6.1.4.1.9.1.194	Yes
	7204	X	X	1.3.6.1.4.1.9.1.125	
	7204VXR	X	X	1.3.6.1.4.1.9.1.223	
	7206	X	X	1.3.6.1.4.1.9.1.108	
	7206VXR	X	X	1.3.6.1.4.1.9.1.222	
Cisco 7000 Series Routers	7000	X	-	1.3.6.1.4.1.9.1.8	Yes
	7010	X	-	1.3.6.1.4.1.9.1.12	
Cisco 6400 Series Broadband Aggregators	6400NRP	X	-	1.3.6.1.4.1.9.1.211	Yes
Cisco 4000M Series Routers	4000	X	-	1.3.6.1.4.1.9.1.7	—
	4500	X	-	1.3.6.1.4.1.9.1.14	—
	Pro4500	X	-	1.3.6.1.4.1.9.1.66	—
	4700	X	-	1.3.6.1.4.1.9.1.50	—
	Pro4700	X	-	1.3.6.1.4.1.9.1.142	—
Cisco MC3810 Multiservice Access Concentrators	MC3810	X	X	1.3.6.1.4.1.9.1.157	—
	MC3810-V3	X	X	1.3.6.1.4.1.9.1.286	—
Cisco 3800 Series Integrated Services Routers	3825	X	X	1.3.6.1.4.1.9.1.543	Yes
	3845	X	X	1.3.6.1.4.1.9.1.544	
Cisco 3700 Series Multiservice Access Routers ¹	3725	X	X	1.3.6.1.4.1.9.1.414	Yes
	3745	X	X	1.3.6.1.4.1.9.1.436	

Table 7 Routers and Routing Systems (continued)

Series	Devices Supported	Supported as		SysObjectID	Node-To-Node Test Support
		Infrastructure	Telephony		
Cisco 3600 Series Multiservice Platforms ¹	3620	X	X	1.3.6.1.4.1.9.1.122	Yes
	3631	X	X	1.3.6.1.4.1.9.1.425	
	3640	X	X	1.3.6.1.4.1.9.1.110	
	SC3640	X	-	1.3.6.1.4.1.9.1.189	
	3660	X	X	1.3.6.1.4.1.9.1.205	
	3661Ac	X	X	1.3.6.1.4.1.9.1.338	
	3661Dc	X	X	1.3.6.1.4.1.9.1.339	
	3662Ac	X	X	1.3.6.1.4.1.9.1.340	
	3662Dc	X	X	1.3.6.1.4.1.9.1.341	
	3662AcCo	X	X	1.3.6.1.4.1.9.1.342	
	3662DcCo	X	X	1.3.6.1.4.1.9.1.343	
Cisco 3200 Series Mobile Access Routers	3251	X	-	1.3.6.1.4.1.9.1.479	Yes
	3220	X	-	1.3.6.1.4.1.9.1.553	
Cisco 3000 Series Routers	3000	X	-	1.3.6.1.4.1.9.1.6	—
	3101	X	-	1.3.6.1.4.1.9.1.32	—
	3102	X	-	1.3.6.1.4.1.9.1.33	—
	3103	X	-	1.3.6.1.4.1.9.1.34	—
	3104	X	-	1.3.6.1.4.1.9.1.35	—
	3202	X	-	1.3.6.1.4.1.9.1.36	—
	3204	X	-	1.3.6.1.4.1.9.1.37	—
Cisco 2800 Series Integrated Services Routers	2801	X	X	1.3.6.1.4.1.9.1.619	Yes
	2811	X	X	1.3.6.1.4.1.9.1.576	
	2821	X	X	1.3.6.1.4.1.9.1.577	
	2851	X	X	1.3.6.1.4.1.9.1.578	

Table 7 Routers and Routing Systems (continued)

Series	Devices Supported	Supported as		SysObjectID	Node-To-Node Test Support
		Infrastructure	Telephony		
Cisco 2600 Series Multiservice Platforms ¹	2610	X	X	1.3.6.1.4.1.9.1.185	Yes
	2610XM	X	X	1.3.6.1.4.1.9.1.466	
	2610XM-DC	X	X		
	2610XM-RP5	X	X		
	2611	X	X	1.3.6.1.4.1.9.1.186	
	2611XM	X	X	1.3.6.1.4.1.9.1.467	
	2611XM-DC	X	X		
	2611XM-RP5	X	X		
	2612	X	X	1.3.6.1.4.1.9.1.187	
	2613	X	X	1.3.6.1.4.1.9.1.195	
	2620	X	X	1.3.6.1.4.1.9.1.208	
	2620XM	X	X	1.3.6.1.4.1.9.1.468	
	2620XM-DC	X	X		
	2620XM-RP5	X	X		
	2621	X	X	1.3.6.1.4.1.9.1.209	
	2621XM	X	X	1.3.6.1.4.1.9.1.469	
	2621XM-DC	X	X		
	2621XM-RP5	X	X		
	2650	X	X	1.3.6.1.4.1.9.1.319	
	2650XM	X	X	1.3.6.1.4.1.9.1.470	
	2650XM-DC	X	X		
	2650XM-RP5	X	X		
	2651	X	X	1.3.6.1.4.1.9.1.320	
	2651XM	X	X	1.3.6.1.4.1.9.1.471	
2651XM-DC	X	X			
2651XM-RP5	X	X			
2691	X	X	1.3.6.1.4.1.9.1.413		

Table 7 Routers and Routing Systems (continued)

Series	Devices Supported	Supported as		SysObjectID	Node-To-Node Test Support
		Infrastructure	Telephony		
Cisco 2500 Series Routers	2500	X	-	1.3.6.1.4.1.9.1.13	Yes
	Pro2500PCE	X	-	1.3.6.1.4.1.9.1.55	
	2501	X	-	1.3.6.1.4.1.9.1.17	
	2501 FRADFX	X	-	1.3.6.1.4.1.9.1.165	
	2501 LANFRADFX	X	-	1.3.6.1.4.1.9.1.166	
	Pro2501	X	-	1.3.6.1.4.1.9.1.56	
	2502	X	-	1.3.6.1.4.1.9.1.18	
	2502LANFRADFX	X	-	1.3.6.1.4.1.9.1.167	
	Pro2502	X	-	1.3.6.1.4.1.9.1.130	
	2503	X	-	1.3.6.1.4.1.9.1.19	
	Pro2503	X	-	1.3.6.1.4.1.9.1.57	
	2504	X	-	1.3.6.1.4.1.9.1.20	
	Pro2504	X	-	1.3.6.1.4.1.9.1.131	
	2505	X	-	1.3.6.1.4.1.9.1.21	
	Pro2505	X	-	1.3.6.1.4.1.9.1.58	
	2506	X	-	1.3.6.1.4.1.9.1.22	
	Pro2506	X	-	1.3.6.1.4.1.9.1.132	
	2507	X	-	1.3.6.1.4.1.9.1.23	
	Pro2507	X	-	1.3.6.1.4.1.9.1.59	
	2508	X	-	1.3.6.1.4.1.9.1.24	
Pro2508	X	-	1.3.6.1.4.1.9.1.133		
2509	X	-	1.3.6.1.4.1.9.1.25		
Cisco 2500 Series Routers	Pro2509	X	-	1.3.6.1.4.1.9.1.60	
	2509RJ	X	-	1.3.6.1.4.1.9.1.153	
	2510	X	-	1.3.6.1.4.1.9.1.26	
	Pro2510	X	-	1.3.6.1.4.1.9.1.134	
	2511	X	-	1.3.6.1.4.1.9.1.27	
	2511RJ	X	-	1.3.6.1.4.1.9.1.154	
	Pro2511	X	-	1.3.6.1.4.1.9.1.61	
	2512	X	-	1.3.6.1.4.1.9.1.28	
	Pro2512	X	-	1.3.6.1.4.1.9.1.135	
	2513	X	-	1.3.6.1.4.1.9.1.29	
	Pro2513	X	-	1.3.6.1.4.1.9.1.136	
	2514	X	-	1.3.6.1.4.1.9.1.30	
	Pro2514	X	-	1.3.6.1.4.1.9.1.62	

Table 7 Routers and Routing Systems (continued)

Series	Devices Supported	Supported as		SysObjectID	Node-To-Node Test Support
		Infrastructure	Telephony		
Cisco 2000 Series Routers	2000	X	-	1.3.6.1.4.1.9.1.10	Yes
	2102	X	-	1.3.6.1.4.1.9.1.15	
	2202	X	-	1.3.6.1.4.1.9.1.16	
Cisco MWR 1900 Mobile Access Routers	1900	X	-	1.3.6.1.4.1.9.1.398	Yes
	MWR 1941-DC	X	-	1.3.6.1.4.1.9.1.520	
Cisco 1800 Series Integrated Services Routers	1841	X	-	1.3.6.1.4.1.9.1.620	—
Cisco 1700 Series Access Routers	1701	X	-	1.3.6.1.4.1.9.1.550	Yes
	1710-VPN-M/K9	X	-	1.3.6.1.4.1.9.1.200	
	1711	X	-	1.3.6.1.4.1.9.1.538	
	1712	X	-	1.3.6.1.4.1.9.1.539	
	1720VPN	X	-	1.3.6.1.4.1.9.1.201	
	1721	X	-	1.3.6.1.4.1.9.1.444	
	1750	X	X	1.3.6.1.4.1.9.1.216	
	1751, 1751(V)	X	X	1.3.6.1.4.1.9.1.326	
1760(V)	X	X	1.3.6.1.4.1.9.1.416		
Cisco 1600 Series Routers	1600	X	-	1.3.6.1.4.1.9.5.8	Yes
	1601	X	-	1.3.6.1.4.1.9.1.113	
	Pro1601	X	-	1.3.6.1.4.1.9.1.117	
	1602	X	-	1.3.6.1.4.1.9.1.114	
	Pro1602	X	-	1.3.6.1.4.1.9.1.118	
	1603	X	-	1.3.6.1.4.1.9.1.115	
	Pro1603	X	-	1.3.6.1.4.1.9.1.119	
	1604	X	-	1.3.6.1.4.1.9.1.116	
	Pro1604	X	-	1.3.6.1.4.1.9.1.120	
	1605	X	-	1.3.6.1.4.1.9.1.172	
Cisco 1400 Series Routers	1401	X	-	1.3.6.1.4.1.9.1.206	Yes
	1417	X	-	1.3.6.1.4.1.9.1.250	

Table 7 Routers and Routing Systems (continued)

Series	Devices Supported	Supported as		SysObjectID	Node-To-Node Test Support
		Infrastructure	Telephony		
Cisco 1000 Series Routers	1000	X	-	1.3.6.1.4.1.9.1.40	Yes
	1003	X	-	1.3.6.1.4.1.9.1.41	
	Pro1003	X	-	1.3.6.1.4.1.9.1.51	
	1004	X	-	1.3.6.1.4.1.9.1.44	
	Pro1004	X	-	1.3.6.1.4.1.9.1.52	
	1005	X	-	1.3.6.1.4.1.9.1.49	
	Pro1005	X	-	1.3.6.1.4.1.9.1.53	
	1020	X	-	1.3.6.1.4.1.9.1.43	
Cisco 800 Series Routers	801	X	-	1.3.6.1.4.1.9.1.212	Yes
	802	X	-	1.3.6.1.4.1.9.1.213	
	803	X	-	1.3.6.1.4.1.9.1.214	
	804	X	-	1.3.6.1.4.1.9.1.215	
	805	X	-	1.3.6.1.4.1.9.1.245	
	806	X	-	1.3.6.1.4.1.9.1.384	
	811	X	-	1.3.6.1.4.1.9.1.395	
	813	X	-	1.3.6.1.4.1.9.1.396	
	826	X	-	1.3.6.1.4.1.9.1.322	
	827	X	-	1.3.6.1.4.1.9.1.284	
	827H	X	-	1.3.6.1.4.1.9.1.446	
	827QuadV	X	-	1.3.6.1.4.1.9.1.270	
	828	X	-	1.3.6.1.4.1.9.1.382	
	831	X	-	1.3.6.1.4.1.9.1.497	
	836	X	-	1.3.6.1.4.1.9.1.499	
	837	X	-	1.3.6.1.4.1.9.1.495	

Table 7 Routers and Routing Systems (continued)

Series	Devices Supported	Supported as		SysObjectID	Node-To-Node Test Support
		Infrastructure	Telephony		
Cisco 700 Series ISDN Access Routers	751	X	-	1.3.6.1.4.1.9.1.81	—
	Pro751	X	-	1.3.6.1.4.1.9.1.76	—
	752	X	-	1.3.6.1.4.1.9.1.82	—
	Pro752	X	-	1.3.6.1.4.1.9.1.77	—
	753	X	-	1.3.6.1.4.1.9.1.82	—
	Pro753	X	-	1.3.6.1.4.1.9.1.78	—
	761	X	-	1.3.6.1.4.1.9.1.98	—
	762	X	-	1.3.6.1.4.1.9.1.99	—
	765	X	-	1.3.6.1.4.1.9.1.102	—
	Pro765	X	-	1.3.6.1.4.1.9.1.92	—
	766	X	-	1.3.6.1.4.1.9.1.103	—
	Pro766	X	-	1.3.6.1.4.1.9.1.93	—
	771	X	-	1.3.6.1.4.1.9.1.126	—
	772	X	-	1.3.6.1.4.1.9.1.127	—
	775	X	-	1.3.6.1.4.1.9.1.128	—
	776	X	-	1.3.6.1.4.1.9.1.129	—
Cisco 500 Series LRE CPE Devices	CS500	X	-	1.3.6.1.4.1.9.1.9	—
Cisco Small Business Routers	SB-101	X	-	1.3.6.1.4.1.9.1.627	—
	SB-106	X	-	1.3.6.1.4.1.9.1.628	—
	SB-107	X	-	1.3.6.1.4.1.9.1.629	—
Cisco SOHO 90 Series Secure Broadband Routers	SOHO 91	X	-	1.3.6.1.4.1.9.1.498	—
	SOHO 96	X	-	1.3.6.1.4.1.9.1.500	—
	SOHO 97	X	-	1.3.6.1.4.1.9.1.496	—
Cisco SOHO 70 Series	SOHO 76	X	-	1.3.6.1.4.1.9.1.354	—
	SOHO 77H	X	-	1.3.6.1.4.1.9.1.353	—
	SOHO 78	X	-	1.3.6.1.4.1.9.1.383	—
Cisco IGS Router Series	IGS/L, IGS/R	X	-	1.3.6.1.4.1.9.1.5	—

1. For supported interfaces and modules, see [Table 4](#).

Table 8 **Security and VPN¹**

Series	Devices Supported	SysObjectID
Cisco PIX Firewall	PixFirewall	1.3.6.1.4.1.9.1.227
	1220i	1.3.6.1.4.1.9.5.30
Cisco PIX 500 Series Firewalls	501	1.3.6.1.4.1.9.1.417
	506	1.3.6.1.4.1.9.1.389
	506E	1.3.6.1.4.1.9.1.450
	515	1.3.6.1.4.1.9.1.390
	515E	1.3.6.1.4.1.9.1.451
	520	1.3.6.1.4.1.9.1.391
	525	1.3.6.1.4.1.9.1.392
	535	1.3.6.1.4.1.9.1.393
Cisco VPN 3000 Series Concentrators	VPN 3000	1.3.6.1.4.1.3076.1.2.1.1.1.2
	VPN 3002	1.3.6.1.4.1.3076.1.2.1.1.3.1
Cisco 7100 Series VPN Routers	7120-T3	1.3.6.1.4.1.9.1.260
	7120-E3	1.3.6.1.4.1.9.1.261
	7120-AT3	1.3.6.1.4.1.9.1.262
	7120-AE3	1.3.6.1.4.1.9.1.263
	7120-SMI3	1.3.6.1.4.1.9.1.264
	7120-4T1	1.3.6.1.4.1.9.1.259
	7140-2T3	1.3.6.1.4.1.9.1.265
	7140-2E3	1.3.6.1.4.1.9.1.266
	7140-2AT3	1.3.6.1.4.1.9.1.267
	7140-2AE3	1.3.6.1.4.1.9.1.268
	7140-2FE	1.3.6.1.4.1.9.1.277
	7140-2MM3	1.3.6.1.4.1.9.1.269
	7160	1.3.6.1.4.1.9.1.358

1. Supported as IP infrastructure devices.

Table 9 **Storage Networking¹**

Series	Devices Supported	SysObjectID
Cisco MDS 9000 Series Multilayer Switches	MDS-9120	1.3.6.1.4.1.9.12.3.1.3.414
	MDS-9140	1.3.6.1.4.1.9.12.3.1.3.411
	MDS-9216	1.3.6.1.4.1.9.12.3.1.3.380
	MDS-9216A	1.3.6.1.4.1.9.12.3.1.3.442
	MDS-9506	1.3.6.1.4.1.9.12.3.1.3.375
	MDS-9509	1.3.6.1.4.1.9.12.3.1.3.376

Table 9 **Storage Networking¹ (continued)**

Series	Devices Supported	SysObjectID
Cisco SN 5400 Series Storage Routers	SN-5420	1.3.6.1.4.1.9.1.407
	SN-5428	1.3.6.1.4.1.9.1.475

1. Supported as IP infrastructure devices.

Table 10 Switches

Series	Devices Supported	Supported as		SysObjectID	Device Operating System			Node-To-Node Test Support
		Infrastructure	Telephony		CatOS	IOS		
						Full Support	Partial Support ¹	
Cisco MGX 8800 Series Switches	MGX 8830	X	-	1.3.6.1.4.1.9.1.229	-	-	X	—
	MGX 8850	X	-	1.3.6.1.4.1.9.1.228	-	-	X	—
	MGX 8860	X	-	1.3.6.1.4.1.9.1.239	-	-	X	—
Cisco BPX 8600 Series Switches	BPX 8620	X	-	1.3.6.1.4.1.9.1.237	-	-	X	—
	BPX 8650	X	-	1.3.6.1.4.1.9.1.238	-	-	X	—
Cisco Catalyst 8500 Series Multiservice Switch Routers (MSRs)	8510MSR	X	-	1.3.6.1.4.1.9.1.230	-	-	X	—
	8510	X	-	1.3.6.1.4.1.9.1.190	-	-	X	—
	8515MSR	X	-	1.3.6.1.4.1.9.1.231	-	-	X	—
	8515	X	-	1.3.6.1.4.1.9.1.196	-	-	X	—
	8540MSR	X	-	1.3.6.1.4.1.9.1.202	-	-	X	—
	8540	X	-	1.3.6.1.4.1.9.1.203	-	-	X	—
Cisco IGX 8400 Series Switches	IGX 8410	X	-	1.3.6.1.4.1.9.1.232	-	-	X	—
	IGX 8420	X	-	1.3.6.1.4.1.9.1.233	-	-	X	—
Cisco Lightstream ATM Switches	LS1010	X	-	1.3.6.1.4.1.9.1.107	-	X	-	—
	LS1010 Chassis	X	-	1.3.6.1.4.1.9.5.11	-	X	-	—
	LS1015	X	-	1.3.6.1.4.1.9.1.164	-	X	-	—
Cisco Catalyst 6500 Series Switches	6503	X	X	1.3.6.1.4.1.9.5.56	X ^{2,3,4}	-	-	Yes
		X	X	1.3.6.1.4.1.9.1.449	-	X	-	
	6506	X	X	1.3.6.1.4.1.9.5.45	X ^{2,3,4}	-	-	
		X	X	1.3.6.1.4.1.9.1.282	-	X	-	
	6509	X	X	1.3.6.1.4.1.9.5.44	X ^{2,3,4}	-	-	
		X	X	1.3.6.1.4.1.9.1.283	-	X	-	
	6509-NEB	X	X	1.3.6.1.4.1.9.5.47	X ^{2,3,4}	-	-	
		X	X	1.3.6.1.4.1.9.1.310	-	X	-	
	6509-NEBA	X	X	1.3.6.1.4.1.9.1.534	-	X	-	
	6513	X	X	1.3.6.1.4.1.9.5.50	X ^{2,3,4}	-	-	
X		X	1.3.6.1.4.1.9.1.400	-	X	-		
Cisco Catalyst 6000 Series Switches	6000	X	-	1.3.6.1.4.1.9.1.241	X	-	-	Yes ⁵
	WS-C6006	X	X	1.3.6.1.4.1.9.5.38	X ^{2,3,4}	-	-	
		X	X	1.3.6.1.4.1.9.1.280	-	X	-	
	WS-C6009	X	X	1.3.6.1.4.1.9.5.39	X ^{2,3,4}	-	-	
		X	X	1.3.6.1.4.1.9.1.281	-	X	-	
6400NSP	X	-	1.3.6.1.4.1.9.1.180	X	-	-		

Table 10 Switches (continued)

Series	Devices Supported	Supported as		SysObjectID	Device Operating System			Node-To-Node Test Support
		Infrastructure	Telephony		CatOS	IOS		
						Full Support	Partial Support ¹	
Cisco Catalyst 5500 Series Switches	5500	X	X ⁴	1.3.6.1.4.1.9.5.17	X	-	-	—
	5505	X	X ⁴	1.3.6.1.4.1.9.5.34	X	-	-	—
	5509	X	X ⁴	1.3.6.1.4.1.9.5.36	X	-	-	—
Cisco Catalyst 5000 Series Switches	5000	X	X ⁴	1.3.6.1.4.1.9.5.7	X	-	-	—
	5002	X	X ⁴	1.3.6.1.4.1.9.5.29	X	-	-	—
Cisco Catalyst G-L3 Series Switches	4840G-L3	X	-	1.3.6.1.4.1.9.1.312	-	X	-	—
	4908G-L3	X	-	1.3.6.1.4.1.9.1.298	-	X	-	—
Cisco Catalyst 4500 Series Switches ⁶	4503	X	X	1.3.6.1.4.1.9.1.503	-	X	-	—
		X	X	1.3.6.1.4.1.9.5.58	X	-	-	—
	4506	X	X	1.3.6.1.4.1.9.1.502	-	X	-	—
		X	X	1.3.6.1.4.1.9.5.59	X	-	-	—
	4507	X	X	1.3.6.1.4.1.9.1.501	-	X	-	—
	4510	X	X	1.3.6.1.4.1.9.1.537		X		—
Cisco Catalyst 4200 Series Switches	4224 Access Gateway 8 Port Flex Card	X	X	1.3.6.1.4.1.9.1.399	-	X	-	Yes
Cisco Catalyst 4000 Series Switches	4003	X	X ⁴	1.3.6.1.4.1.9.5.40	X	-	-	Yes ⁷
	4006 ⁸	X	X ⁴	1.3.6.1.4.1.9.5.46	X	-	-	
		X	X ⁴	1.3.6.1.4.1.9.1.448	-	X	-	
	4232L3	X	-	1.3.6.1.4.1.9.1.300	X	-	-	
	4912G	X	X ⁴	1.3.6.1.4.1.9.5.41	X	-	-	
	4948	X	-	1.3.6.1.4.1.9.1.626	-	X	-	
Cisco Catalyst 3900 Series Switches	3900	X	-	1.3.6.1.4.1.9.5.33	-	X	-	—
	3920	X	-	1.3.6.1.4.1.9.5.37	-	X	-	—
Cisco Catalyst 3750 Series Switches	3750-stack	X	X	1.3.6.1.4.1.9.1.516	-	X	-	Yes
	ME-C3750-24T E-MD	X	X	1.3.6.1.4.1.9.1.574	-	X	-	
Catalyst 3750 Metro Series AC/DC Switch	ME-C3750-24T E-M	X	X				X	

Table 10 Switches (continued)

Series	Devices Supported	Supported as		SysObjectID	Device Operating System			Node-To-Node Test Support
		Infrastructure	Telephony		CatOS	IOS		
						Full Support	Partial Support ¹	
Cisco Catalyst 3560 Series Switches	3560-24PS	X	X	1.3.6.1.4.1.9.1.563	-	X	-	Yes
	3560-48PS	X	X	1.3.6.1.4.1.9.1.564	-	X	-	
	3560G-24PS	X	X	1.3.6.1.4.1.9.1.614				
	3560G-24TS	X	X	1.3.6.1.4.1.9.1.615				
	3560G-48PS	X	X	1.3.6.1.4.1.9.1.616				
	3560G-48TS	X	X	1.3.6.1.4.1.9.1.617				
Cisco Catalyst 3550 Series Switches	3550-24	X	X	1.3.6.1.4.1.9.1.366	-	X	-	—
	3550-48	X	X	1.3.6.1.4.1.9.1.367	-	X	-	—
	3550-12T	X	X	1.3.6.1.4.1.9.1.368	-	X	-	—
	3550-12G	X	X	1.3.6.1.4.1.9.1.431	-	X	-	—
	3550-24Dc	X	X	1.3.6.1.4.1.9.1.452	-	X	-	—
	3550-24Mmf	X	X	1.3.6.1.4.1.9.1.453	-	X	-	—
	3550-24-PWR (-SMI or -EMI)	X	X	1.3.6.1.4.1.9.1.485	-	X	-	—
Cisco Catalyst 3500 Series XL Switches	3508G-XL	X	-	1.3.6.1.4.1.9.1.246	-	-	X	Yes
	3512XL	X	X	1.3.6.1.4.1.9.1.247	-	-	X	
	3524-PWR XL	X	X	1.3.6.1.4.1.9.1.287	-	-	X	
	3524XL	X	X	1.3.6.1.4.1.9.1.248	-	-	X	
	3548XL	X	X	1.3.6.1.4.1.9.1.278	-	-	X	
Cisco Catalyst 3000 Series Switches	3000	X	-	1.3.6.1.4.1.9.5.10	X	-	-	—
	3001	X	-	1.3.6.1.4.1.9.5.26	X	-	-	—
	3100	X	-	1.3.6.1.4.1.9.5.23	X	-	-	—
	3200	X	-	1.3.6.1.4.1.9.5.15	X	-	-	—
Cisco Catalyst 2970 Series Switches	2970-24	X	X	1.3.6.1.4.1.9.1.527	-	X	-	—
	2970-G-24TS-E	X	X	1.3.6.1.4.1.9.1.561	-	X	-	—
Cisco Catalyst 2950 Long-Reach Ethernet Series Switches	2950-ST-24-LRE	X	-	1.3.6.1.4.1.9.1.482	-	X	-	—
	2950-ST-8-LRE	X	-	1.3.6.1.4.1.9.1.483	-	X	-	—

Table 10 Switches (continued)

Series	Devices Supported	Supported as		SysObjectID	Device Operating System			Node-To-Node Test Support
		Infrastructure	Telephony		CatOS	IOS		
						Full Support	Partial Support ¹	
Cisco Catalyst 2950 Series Switches	2950-12	X	X	1.3.6.1.4.1.9.1.323	-	X	-	Yes
	2950-24	X	X	1.3.6.1.4.1.9.1.324	-	X	-	
	2950C-24	X	X	1.3.6.1.4.1.9.1.325	-	X	-	
	2950G-12	X	X	1.3.6.1.4.1.9.1.427	-	X	-	
	2950G-24	X	X	1.3.6.1.4.1.9.1.428	-	X	-	
	2950G-48	X	X	1.3.6.1.4.1.9.1.429	-	X	-	
	2950G-24-DC	X	X	1.3.6.1.4.1.9.1.472	-	X	-	
	2950SX-24	X	X	1.3.6.1.4.1.9.1.480	-	X	-	
	2950SX-48	X	X	1.3.6.1.4.1.9.1.560	-	X	-	
	2950T-24	X	X	1.3.6.1.4.1.9.1.359	-	X	-	
	2950T-48	X	X	1.3.6.1.4.1.9.1.559	-	X	-	
	2955C-12	X	X	1.3.6.1.4.1.9.1.489	-	X	-	
	2955S-12	X	X	1.3.6.1.4.1.9.1.508	-	X	-	
	2955T-12	X	X	1.3.6.1.4.1.9.1.488	-	X	-	
Cisco Catalyst 2940 Series Switches	2940-8TF	X	X	1.3.6.1.4.1.9.1.542	-	X	-	—
	2940-8TT	X	X	1.3.6.1.4.1.9.1.540	-	X	-	—
Cisco Catalyst 2900 Series Switches	2900	X	-	1.3.6.1.4.1.9.5.12	X	-	-	—
	2926	X	-	1.3.6.1.4.1.9.5.35	X	-	-	—
	2926G	X	X ⁴	1.3.6.1.4.1.9.5.35	-	X	-	—
	2948G	X	X ⁴	1.3.6.1.4.1.9.5.42	X	-	-	—
	2948G-L3	X		1.3.6.1.4.1.9.1.275	-	X	-	—
	2948G-GE-TX	X	-	1.3.6.1.4.1.9.5.62	X	-	-	—
	2980G	X	X ⁴	1.3.6.1.4.1.9.5.49	X	-	-	—
	2980G-A	X	-	1.3.6.1.4.1.9.5.51	X	-	-	—
Cisco Catalyst 2900 Series LRE XL Switches	2912LRE-XL	X	-	1.3.6.1.4.1.9.1.370	X	-	-	—
	2924LRE-XL	X	-	1.3.6.1.4.1.9.1.369	X	-	-	—

Table 10 Switches (continued)

Series	Devices Supported	Supported as		SysObjectID	Device Operating System			Node-To-Node Test Support
		Infrastructure	Telephony		CatOS	IOS		
						Full Support	Partial Support ¹	
Cisco Catalyst 2900 Series XL Switches	2908XL	X	X	1.3.6.1.4.1.9.1.170	-	-	X	—
	2912XL	X	X	1.3.6.1.4.1.9.1.219	-	-	X	—
	2912MF-XL	X	X	1.3.6.1.4.1.9.1.221	-	-	X	—
	2916M-XL	X	X	1.3.6.1.4.1.9.1.171	-	-	X	—
	2924XL	X	X	1.3.6.1.4.1.9.1.183	-	-	X	—
	2924XL-V	X	X	1.3.6.1.4.1.9.1.217	-	-	X	—
	2924C-XL	X	X	1.3.6.1.4.1.9.1.184	-	-	X	—
	2924C-XL-V	X	X	1.3.6.1.4.1.9.1.218	-	-	X	—
	2924M-XL	X	X	1.3.6.1.4.1.9.1.220	-	-	X	—
Cisco Catalyst 2800 Series Switches	2828	X	-	1.3.6.1.4.1.9.5.20	X	-	-	—
Cisco Catalyst 1900 Series Switches	wsc1900LiteFx	X	-	1.3.6.1.4.1.9.5.175	X	-	-	—
	cpw1900	X	-	1.3.6.1.4.1.9.5.16	X	-	-	—
	1900c	X	-	1.3.6.1.4.1.9.5.28	X	-	-	—
	1900i	X	-	1.3.6.1.4.1.9.5.31	X	-	-	—
	1912C	X	-	1.3.6.1.4.1.9.1.175	X	-	-	—
Cisco Catalyst 1600 Series Switches	1924	X	-	1.3.6.1.4.1.9.5.18	X	-	-	—
	cpw1600	X	-	1.3.6.1.4.1.9.5.9	X	-	-	—
Cisco 1500 Series Micro Hubs	1502	X	-	1.3.6.1.4.1.9.1.161	N/A			—
	1503	X	-	1.3.6.1.4.1.9.1.160	N/A			—
	1538M	X	-	1.3.6.1.4.1.9.1.224	N/A			—
	1548M	X	-	1.3.6.1.4.1.9.1.225	N/A			—
Cisco Workgroup Concentrators	1000	X	-	1.3.6.1.4.1.9.5.3				—
	1100	X	-	1.3.6.1.4.1.9.5.4				—
	1400	X	-	1.3.6.1.4.1.9.5.6				—
Cisco 1420 EtherSwitch	cpw1420	X	-	1.3.6.1.4.1.9.5.21	X	-	-	—

Table 10 Switches (continued)

Series	Devices Supported	Supported as		SysObjectID	Device Operating System			Node-To-Node Test Support
		Infrastructure	Telephony		CatOS	IOS		
						Full Support	Partial Support ¹	
Cisco 1220 EtherSwitch Series	EtherSwitch 1200	X	-	1.3.6.1.4.1.9.5.5	X	-	-	—
	EtherSwitch 1220	X	-	1.3.6.1.4.1.9.5.19	X	-	-	—
	EtherSwitch 1220C	X	-	1.3.6.1.4.1.9.5.27	X	-	-	—
Cisco FastHub 100 Series Hubs	100	X	-	1.3.6.1.4.1.9.1.226	N/A			—
		X	-					—
	116C	X	-	1.3.6.1.4.1.9.1.151				—
	116T	X	-	1.3.6.1.4.1.9.1.150				—
	216T	X	-	1.3.6.1.4.1.9.1.169				—
	316C	X	-	1.3.6.1.4.1.9.1.148				—
	316T	X	-	1.3.6.1.4.1.9.1.147				—
	1116	X	-	1.3.6.1.4.1.9.1.152				—
	3116	X	-	1.3.6.1.4.1.9.1.149				—
	FastHubBMMF X Bridge Management Module	X	-	1.3.6.1.4.1.9.1.178				—
FastHubBMMT X Bridge Management Module	X	-	1.3.6.1.4.1.9.1.178				—	

1. “Partial support” indicates that Operations Manager will manage the device but might not report all device attributes because (1) the device operating system does not support one or more of the MIBs polled by Operations Manager, and/or (2) the device MIB contains information that is not correctly populated.
2. T1/E1 ports do not generate an event when the ports are up but not connected. To fix this problem, the Catalyst operating system must be upgraded to version 5.5(8) or later or to version 6.2(3) or later.
3. When a Catalyst 6000 switch is running software version 6.1(1) or 6.1(2), Operations Manager does not recognize the WS-X6348-RJ-45 cards as Inline Power Cards. You can fix this problem by upgrading the Catalyst 6000 NMP card software to version 6.1(3).
4. For supported interfaces and modules, see [Table 4](#).
5. Node-to-node tests are supported on Cisco Catalyst 6000 Switches running Cisco IOS.
6. Operations Manager supports Catalyst 4000/4500 Supervisor Engine IV (WS-X4515 or WS-X4515/2) on the 4006, 4503, 4506, and 4507. Operations Manager supports Catalyst 4000/4500 Supervisor Engine III (WS-X4014) on the C4503, C4506, and 4006. Operations Manager supports the Catalyst 4000/4500 Supervisor Engine II (WS-X4013) on the 4503 and 4506.
7. Node-to-node tests are supported on Cisco Catalyst 4000 Switches running Cisco IOS.
8. On the Cisco Catalyst 4006, Operations Manager supports Supervisor Engines III (WS-X4014) and IV (WS-X4515) running Cisco IOS.

Table 11 Universal Gateways and Access Servers

Series	Devices Supported	SysObjectID	Supports Node-To-Node Tests
Cisco AS5200 Series Universal Access Servers ¹	AS5200	1.3.6.1.4.1.9.1.109	Yes
Cisco AS5300 Series Universal Gateways ²	AS5300 Access Server	1.3.6.1.4.1.9.1.162	Yes
	AS5350 Universal Gateway	1.3.6.1.4.1.9.1.313	
Cisco AS5400 Series Universal Gateways ²	AS5400 Universal Gateway	1.3.6.1.4.1.9.1.274	Yes
Cisco AS5800 Series Universal Gateways ²	AS5800 Access Server	1.3.6.1.4.1.9.1.188	—
	AS5850 Universal Gateway	1.3.6.1.4.1.9.1.308	—

1. Supported as IP infrastructure devices.

2. Supported as IP infrastructure devices and as IP telephony devices.

Table 12 Voice and IP Communications

Series/Software	Devices/Versions	SysObjectID	Node-To-Node or Synthetic Test Support
Note These media servers are supported only when running Cisco CallManager, Customer Response Application, Personal Assistant, Cisco Emergency Responder, or Cisco Conference Connection.	MCS 7820, MCS 7822, MCS 7825, MCS 7830, MCS 7835; IBM Media Server x330, x340, x342, x345	1.3.6.1.4.1.311.1.1.3.1.2	—
	MCS 7825H	1.3.6.1.4.1.9.1.583	—
	MCS7835H	1.3.6.1.4.1.9.1.584	—
	MCS7845I	1.3.6.1.4.1.9.1.587	—
Cisco DPA 7600 Series Gateways ^{1,2}	DPA 7610	1.3.6.1.4.1.9.1.381	—
	DPA 7630	1.3.6.1.4.1.9.1.365	—
Cisco IAD 2400 Series Integrated Access Devices ¹	IAD 2420	1.3.6.1.4.1.9.1.362	Node-to-node
	IAD2430-24FXS	1.3.6.1.4.1.9.1.545	
	IAD2431-T1/E1	1.3.6.1.4.1.9.1.548	
	IAD2431-8FXS	1.3.6.1.4.1.9.1.546	
	IAD2431-16FXS	1.3.6.1.4.1.9.1.547	
Cisco VG200 Gateway ¹	VG200	1.3.6.1.4.1.9.1.279	—
	VG224	1.3.6.1.4.1.9.1.558	—
	VG248 ³	1.3.6.1.4.1.9.1.404	—

Table 12 Voice and IP Communications (continued)

Series/Software	Devices/Versions	SysObjectID	Node-To-Node or Synthetic Test Support
Cisco Digital Gateways ⁴	DT-24+		—
	DE-30+		—
Unity Servers	Windows servers	1.3.6.1.4.1.311.1.1.3.1.2	—
	Domain controllers	1.3.6.1.4.1.311.1.1.3.1.3	—
Cisco IP Contact Center	IPCC	1.3.6.1.4.1.9.1.693	—
Cisco CallManager ⁵	3.3 ⁶ , 4.0, and 4.1	N/A	Synthetic
Cisco CallManager Express	4.0		Synthetic
Cisco Conference Connection	1.2		Synthetic
Cisco Emergency Responder	1.1, and 1.2		Synthetic
Cisco IP Contact Center (IPCC) Enterprise Edition	7.0		—
Cisco IP Contact Center (IPCC) Express Edition	3.5 and 4.0		—
Cisco Personal Assistant	1.3, and 1.4		—
Cisco Unity	4.0, 4.0(4) and later		Synthetic
Cisco Unity Express	2.1.1		Synthetic
Cisco IP Phones	7902		Synthetic
	7905G		Synthetic
	7910		Synthetic
	7912		Synthetic
	7920		Synthetic
	7935		Synthetic
	7936	Synthetic	
	7940	Synthetic	
	7960	Synthetic	
	7961	Synthetic	
	7970	Synthetic	
	7971G	Synthetic	
	SP-12	Synthetic	
	SP-12+	Synthetic	
	SP-30+	Synthetic	
VIP-30	Synthetic		

- Supported as IP infrastructure devices and as IP telephony devices.
- Release 1.2(1) is the minimum supported version of Cisco DPA. However, the following problems that exist in release 1.2(1) are resolved as follows. When the Cisco DPA is configured in hybrid mode, it does not report the status of the PBX port; this problem is fixed in Cisco DPA Release 1.2(1.4). The CPU utilization value shown for the DPA is not correct; this problem is fixed in Cisco DPA Release 1.2(1.8).
- Releases 1.1(2.1.5) and 1.2(1) are the minimum supported versions for VG248.

4. Supported as IP telephony devices.
5. The supported versions for Cisco CallManager include the maintenance releases for the supported versions listed.
6. Operations Manager does not support multiple gatekeepers or alternate gatekeepers for Cisco CallManager 3.3 clusters. When a Cisco CallManager 3.3 cluster is added to Operations Manager, Operations Manager monitors only one trunk between the cluster and the gatekeeper.

Table 13 **Wireless¹**

Series	Devices Supported	SysObjectID	Device Operating System		
			CatOS	IOS	
				Full Operations Manager Support	Partial Operations Manager Support ²
Cisco Aironet 1300 Series (IOS/partial)	BR1300	1.3.6.1.4.1.9.1.565			X
Cisco Aironet 1400 Series (IOS/partial)	BR1410	1.3.6.1.4.1.9.1.533			X
Cisco Aironet 1200 Series	AP1200	1.3.6.1.4.1.9.1.474			X
	AP1210/1230	1.3.6.1.4.1.9.1.525			X
Cisco Aironet 1130 AG Series	AP1130	1.3.6.1.4.1.9.1.618			X
Cisco Aironet 1100 Series	AP1100	1.3.6.1.4.1.9.1.507			X
Cisco Aironet 350 Series	AP350 ³	1.3.6.1.4.1.9.1.552			X
Cisco Aironet 340 Series	AP340 ³	1.3.6.1.4.1.9.1.379			X

1. Supported as IP infrastructure devices.
2. Operations Manager will manage the device but might not report all device attributes because (1) the device operating system does not support one or more of the MIBs polled by Operations Manager, and/or (2) the device MIB contains information that is not correctly populated.
3. Operations Manager supports the AP340 and AP350 running VxWorks. (Operations Manager also supports the AP350 running IOS.)

Table 14 **Third Party Servers**

Series	Devices Supported	SysObjectID
IBM Media Server Note IBM Media Servers are only supported when running Cisco CallManager, Customer Response Application, Personal Assistant, Cisco Emergency Responder, or Cisco Conference Connection.	x330, x340, x342, 345	1.3.6.1.4.1.311.1.1.3.1.2

Devices Supported by Performance Graphing IP Communications Operations Manager 1.0

This section lists the Cisco model names of all devices that are supported for performance graphing in Operations Manager.

Table 15 Interfaces and Modules—Performance Graphing Support

Series	Devices Supported	Supported Ports when Device Supported from Media Server ¹	Supported Ports when Device Supported as Network Device ²	Minimum Software ³
Cisco Catalyst 6500 and Cisco 7600 Series Communications Media Module (CMM)	WS-SVC-CMM ⁴	T1 PRI/CAS E1 PRI FXS FXO	T1 PRI/CAS E1 PRI FXS FXO	Cisco IOS 12.3(8)XY
Network Modules	WS-X6608-T1 ⁴	T1 PRI/CAS E1 PRI FXS	—	—
	WS-X6608-E1 ⁴			
	WS-X6624-FXS ⁴			

1. Devices supported from a media server are Media Gateway Control Protocol (MGCP) gateways that are registered to a Cisco CallManager on the media server.
2. Devices supported as network devices are Cisco DPAs or Cisco IOS gateways or gatekeepers configured with H.323 ports and not controlled by any call agent (such as Cisco CallManager).
3. Minimum software applies to network devices only.
4. Operations Manager supports this module on supported Cisco Catalyst 6500 Series Switches only; (see [Table 17](#)).

Table 16 Routers and Routing Systems—Performance Graphing Support

Series	Devices Supported	Supported Ports when Device Supported from Media Server ¹	Supported Ports when Device Supported as Network Device ²	Minimum Software ³
Cisco 7500 Series Routers	7505	—	T1 PRI/CAS E1 PRI/CAS	Cisco IOS 12.2(8)T
	7507			
	7507mx			
	7507z			
	7513			
	7513mx			
	7513z			
Cisco 7400 Series Routers	7401	—	T1/E1 PRI T1/E1 CAS	Cisco IOS 12.2(13)T
Cisco 7200 Series Routers	7202	—	T1 PRI/CAS E1 PRI/CAS	Cisco IOS 12.2(13)T
	7204			
	7204VXR			
	7206			
	7206VXR			

Table 16 Routers and Routing Systems—Performance Graphing Support (continued)

Series	Devices Supported	Supported Ports when Device Supported from Media Server¹	Supported Ports when Device Supported as Network Device²	Minimum Software³
Cisco MC3810 ⁴ Multiservice Access Concentrators	MC3810	—	T1 PRI/CAS E1 PRI/CAS FXO FXS E&M BRI	Cisco IOS 12.2(8)T
	MC3810-V3			
Cisco 3800 ⁴ Series Integrated Services Routers	3825	T1 PRI/CAS E1 PRI FXO FXS BRI	T1 PRI/CAS E1 PRI/CAS FXO FXS BRI E&M	Cisco IOS12. 3(11)T
	3845			
Cisco 3700 ⁴ Series Multiservice Access Routers	3725	T1 PRI/CAS E1 PRI FXO FXS	T1 PRI/CAS E1 PRI/CAS FXO FXS E&M BRI	Cisco IOS 12.2(8)T
	3745			
Cisco 3600 ⁴ Series Multiservice Platforms	3620	T1 PRI/CAS E1 PRI FXO FXS	T1 PRI/CAS E1 PRI/CAS FXO FXS E&M BRI	Cisco IOS 12.2(8)T
	3640			
	3660			
	3661Ac			
	3661Dc			
	3662Ac			
	3662Dc			
	3662AcCo			
	3662DcCo			
Cisco 2800 ⁴ Series Integrated Services Routers	2801	T1 PRI/CAS E1 PRI FXO FXS BRI	T1 PRI/CAS E1 PRI/CAS FXO FXS BRI E&M	Cisco IOS 12.3(8)T4
	2811			Cisco IOS 12.3(11)T
	2821			
	2851			

Table 16 Routers and Routing Systems—Performance Graphing Support (continued)

Series	Devices Supported	Supported Ports when Device Supported from Media Server ¹	Supported Ports when Device Supported as Network Device ²	Minimum Software ³
Cisco 2600 ⁴ Series Multiservice Platforms	2610	T1 PRI/CAS	T1 PRI/CAS	Cisco IOS 12.2(8)T
	2610XM	E1 PRI	E1 PRI/CAS	
	2610XM-DC	FXO	FXO	
	2610XM-RP5	FXS	FXS	
	2611		E&M	
			BRI	
	2611XM			
	2611XM-DC			
	2611XM-RP5			
	2612			
	2613			
	2620			
	2620XM			
	2620XM-DC			
	2620XM-RP5			
	2621			
2621XM				
2621XM-DC				
2621XM-RP5				
2650				
2650XM				
2650XM-DC				
2650XM-RP5				
2651				
2651XM				
2651XM-DC				
2651XM-RP5				
2691				
Cisco 1700 ⁴ Series Access Routers	1750	—	T1 PRI/CAS E1 PRI/CAS FXO FXS E&M BRI	Cisco IOS 12.2(8)T
	1751, 1751(V)	T1/E1 PRI T1 CAS	T1 PRI/CAS E1 PRI/CAS	Cisco IOS 12.2(8)T
	1760(V)	FXO FXS	FXO FXS E&M BRI	Cisco IOS 12.2(11)T

1. Devices supported from a media server are Media Gateway Control Protocol (MGCP) gateways that are registered to a Cisco CallManager on the media server.

2. Devices supported as network devices are Cisco DPAs or Cisco IOS gateways or gatekeepers configured with H.323 ports and not controlled by any call agent (such as Cisco CallManager).
3. Minimum software applies to network devices only.
4. Supports Cisco CallManager Express and SRST. For these capabilities to be supported in performance graphing, the device must be running Cisco IOS 12.3.11 or later.

Table 17 Switches—Performance Graphing Support

Series	Devices Supported	Supported Ports when Device Supported from Media Server ¹	Supported Ports when Device Supported as Network Device ²	Minimum Software ³
Cisco Catalyst 6500 Series Switches with one of the following line cards: <ul style="list-style-type: none"> • WS-X6608-T1 • WS-X6608-E1 • WS-X6624-FXS • WS-SVC-CMM 	6503	See Table 15 for supported ports for each line card.	See Table 15 for supported ports for each line card.	See Table 15 for minimum software for each line card.
	6506			
	6509			
	6513			
Cisco Catalyst 6000 Series Switches with one of the following line cards: <ul style="list-style-type: none"> • WS-X6608-T1 • WS-X6608-E1 • WS-X6624-FXS 	6006	T1 PRI/CAS E1 PRI FXS	—	—
	6009			
Cisco Catalyst 4000/4500 Access Gateway Module on any of the following devices: <ul style="list-style-type: none"> • 4003, 4006 • 4503, 4506, 4507R 	WS-X4604-GWY	T1 PRI/CAS E1 PRI FXO FXS	T1 PRI/CAS E1 PRI/CAS FXO FXS BRI	Cisco IOS 12.2(13)T
Cisco Catalyst 4200 Series Switches	4224	T1 PRI/CAS E1 PRI FXO FXS	T1 PRI/CAS E1 PRI/CAS FXO FXS BRI E&M	Cisco IOS 12.2(13)T

1. Devices supported from a media server are Media Gateway Control Protocol (MGCP) gateways that are registered to a Cisco CallManager on the media server.
2. Devices supported as network devices are Cisco DPAs or Cisco IOS gateways or gatekeepers configured with H.323 ports and not controlled by any call agent (such as Cisco CallManager).
3. Minimum software applies to network devices only.

Table 18 Universal Gateways—Performance Graphing Support

Series	Devices Supported	Supported Ports for Network Devices ¹	Minimum Software
Cisco AS5300 Series Universal Gateways	AS5300 Access Server	T1 PRI/CAS	Cisco IOS 12.2(11)T
	AS5350 Universal Gateway	E1 PRI/CAS	
Cisco AS5400 Series Universal Gateways	AS5400 Universal Gateway	T1 PRI/CAS E1 PRI/CAS	Cisco IOS 12.2(11)T
Cisco AS5800 Series Universal Gateways	AS5800 Access Server	T1 PRI/CAS E1 PRI/CAS	Cisco IOS 12.2(2)T
	AS5850 Universal Gateway		Cisco IOS 12.2(11)T

1. Devices supported as network devices are Cisco DPAs or Cisco IOS gateways or gatekeepers configured with H.323 ports and not controlled by any call agent (such as Cisco CallManager).

Table 19 Voice and IP Communications—Performance Graphing Support

Series/Software	Devices/Versions
Cisco 7800 Series Media Convergence Servers	MCS 7820, MCS 7822, MCS 7825, MCS 7830, MCS 7835, MCS 7845; IBM Media Server x330, x340, x342, x345
Cisco CallManager	3.3, 4.0, and 4.1
Cisco CallManager Express ¹	4.0
Cisco Unity	4.0, 4.0(4) and later
Cisco Unity Express ²	2.1.1

1. The minimum Cisco IOS version is 12.3.11.

2. The SysObjectID for Cisco Unity Express network module (NM-CUE) is 1.3.6.1.4.1.9.1.622. The SysObjectID for Cisco Unity Express advanced integration module (AIM-CUE) is 1.3.6.1.4.1.9.1.623.

Table 20 Voice Gateways—Performance Graphing Support

Series	Devices Supported	Supported Ports when Device Supported from Media Server ¹	Supported Ports when Device Supported as Network Device ²	Minimum Software ³
Cisco DPA 7600 Series Gateways	DPA 7610	—	PBX Voice mail	1.2.1
	DPA 7630			
Cisco IAD2400 ⁴ Series Integrated Access Devices	IAD2430-24FXS	—	FXS	Cisco IOS12.3(4)XD
	IAD2431-8FXS		T1 PRI/CAS E1 PRI/CAS	
	IAD2431-16FXS		FXO	Cisco IOS12.3(7)T
	IAD 2431-1T1E1		FXS BRI	

Table 20 Voice Gateways—Performance Graphing Support (continued)

Series	Devices Supported	Supported Ports when Device Supported from Media Server ¹	Supported Ports when Device Supported as Network Device ²	Minimum Software ³
Cisco VG200 Gateways	VG200	T1 PRI/CAS E1 PRI FXO FXS	T1 PRI/CAS E1 PRI FXO FXS E&M BRI	Cisco IOS 12.2(8)T
	VG224 ⁴	FXS	FXS	Cisco IOS 12.3(4)XD
Cisco Digital Gateways	DT-24+	T1 PRI/CAS	—	—
	DE-30+	E1 PRI	—	—

1. Devices supported from a media server are Media Gateway Control Protocol (MGCP) gateways that are registered to a Cisco CallManager on the media server.
2. Devices supported as network devices are Cisco DPAs or Cisco IOS gateways or gatekeepers configured with H.323 ports and not controlled by any call agent (such as Cisco CallManager).
3. Minimum software applies to network devices only.
4. Supports Cisco CallManager Express and SRST. For these capabilities to be supported in performance graphing, the device must be running Cisco IOS 12.3.11 or later.