



Cisco Emergency Responder Version 12.5(1) Release Notes

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Introduction

Cisco Emergency Responder Release 12.5(1) supports the following new features:

- **Enhanced 911 Email Alert-**
 - Informs the time zone for the caller's location in an email alert to better relate with the caller during an emergency.
 - Admin configured mask digits on Callers Fully Qualified Domain Name (FQDN) to indicate local dialing pattern for the caller in Email Alerts.
 - Add links in an email alert such as a corporate directory link.
- **Specific License Reservation-** Feature for a highly secure environment with no ability at any time to connect to Cisco Smart Software Manager or Cisco Smart Software Manager Satellite. A generated authorization code from Cisco Smart Software Manager can be installed on the Emergency Responder product and no regular synchronization is needed if product runs within specified license consumption.
- **Security Enhancements-**
 - Introduces configurable session timeout for web portals. This enforces remote access session lockout after the administrator configured timer for inactivity, without an incremental key hit, and no ability to go Back in browser to the previous window. Require users to re-authenticate after the session lockout.
 - Command-line interface support to set a minimum Transport Security Layer (TLS) mode for all interfaces.
 - Proactive event alerts when an associated Cisco Unified Communications Manager is not sending phones lists for tracking purpose.
- **Switch Support-** Supports switch port-based tracking for new LAN switches with Simple Network Management Protocol (SNMP) version 3 that includes Catalysts 3650, 9300, 9400, and 9500 Series Switches and Cisco Meraki® Switch (SNMP version 2).

Requirements

Supported Hardware and Software

The information in the following sections discuss Hardware and Software requirements for Cisco Emergency Responder 12.5(1). Read these sections before you perform an upgrade.

Required Software

The following table lists required software that you must install to use Emergency Responder.

Table 1: Required Software

Item	Supported Software Release	Description
Cisco Unified Communications Manager	<ul style="list-style-type: none"> • Cisco Unified Communications Manager 12.5(x) • Cisco Unified Communications Manager 12.0(x) • Cisco Unified Communications Manager 11.5(x) • Cisco Unified Communications Manager 11.0(x) • Cisco Unified Communications Manager 10.5(x) • Cisco Unified Communications Manager 10.0(x) 	The software that runs the telephony network.

Item	Supported Software Release	Description
Web Browser	<ul style="list-style-type: none"> • Firefox with Windows 10 (64 bit) • Chrome with Windows 10 (64 bit) • Internet Explorer 11 with Windows 10 (64 bit) • Internet Explorer 11 with Windows 8.1 (64 bit) • Internet Explorer 11 with Windows 7 (64 bit) • Safari with MacOS (10.x) • Microsoft Edge browser with Windows 10 (32 bit/64 bit) 	We recommend that you use the latest version for all the web browsers supported.

Recommended Software

The following table lists optional software that is recommended for use with Emergency Responder.

Table 2: Recommended Software

Item	Minimum software release	Description
Email server	Any SMTP email server	Used to send email notifications to onsite alert (security) personnel. If you use an SMTP email paging server, personnel are paged instead of emailed.

Supported Phones

The following table lists the different types of phones that support Emergency Responder. The support that Emergency Responder supplies differs depending on the type of phone and the type of switch port to which the phone is attached.

Table 3: Supported Phones

Phones	Description
<p>Phones that are automatically tracked using Cisco Discovery Protocol</p> <ul style="list-style-type: none"> • Skinny Call Control Protocol (SCCP) on Cisco Unified IP Phone 8945, 8941, 7985, 7975, 7971, 7970, 7965, 7962, 7961, 7960, 7945, 7942, 7941, 7940, 7937, 7936, 7935, 7931, 7912, 7911, 7910, 7906, 6961, 6945, 6941, 6921, 6911, 6901 • Session Initiation Protocol (SIP) on Cisco Unified IP Phone 9971, 9951, 8961, 8945, 8941, 8865, 8861, 8851, 8845, 8841, 8832, 8831, 8811, 8800, 7975, 7971, 7970, 7965, 7962, 7961, 7960, 7945, 7942, 7941, 7940, 7912, 7911, 7910, 7906, 7905, 7902, 7861, 7841, 7821, 7811, 7832, 6961, 6945, 6941, 6921, 6911, 6901, 3911, 3905; Cisco IP Phone 7821, 7841, 7861; Cisco IP Video Phone E20; Cisco TelePresence EX60, EX90, MX200, MX300, MX700, MX800, SX10, SX20, and SX80; Cisco TelePresence System Quick Set C20 and Cisco TelePresence Codec C40, C60, and C90 • VXC 6215 • SPA Phones: 525G, 512G • Cisco IP Communicator • Cisco Webex DX650, DX70, DX80 	<p>These phones do not require any special Emergency Responder configuration. However, you must enable Cisco Discovery Protocol on the switches.</p> <p>Note Although Cisco Analog Telephone Adapter (ATA) phones support Cisco Discovery Protocol and SCCP, Emergency Responder cannot automatically track them. You can add ATA phones manually and assign them to an Emergency Response Location (ERL). Emergency Responder routes calls from ATA phones based on the assigned ERL.</p> <p>Note Cisco IP Communicator can be tracked using Cisco Discovery Protocol only when it is installed with the Device ID containing the MAC address of the wired network interface and operating over a wired network interface.</p>
<p>Phones that you can track using IP subnet</p> <ul style="list-style-type: none"> • Cisco Unified Wireless IP Phone 7920, 7921G, 7925G, 7925G-EX, 7926G, 8821, and Cisco Cius • Cisco Jabber Client • VXC 6215 • Cisco IP Communicator • Cisco UC Integration for Microsoft Office Communicator, Cisco UC Integration for Microsoft Lync, Cisco Unified Personal Communicator, and third-party SIP phones • Any Cisco Unified IP Phone or third-party SIP phone that is connected to Cisco or third-party switches that are not discovered or supported by Emergency Responder 	<p>To track these phones, you must configure the subnet and then assign ERLs to the configured subnets.</p> <p>Note Any IP endpoint can be tracked at call time using the IP subnet provided that the Use IP Address from Call Signaling Telephony setting is enabled.</p>

Phones	Description
<p>Phones that you can manually define or track using IP subnet</p> <ul style="list-style-type: none"> • Phones that are connected to analog line gateways such as Cisco VG350 or VG224 series or ATA 180 series or ATA 190 series or ATA 191 series • Any H.323 endpoints • Cisco Webex (registered natively to Unified Communications Manager) 	<p>These phones are supported only if their calls are routed by Cisco Unified Communications Manager.</p> <p>Note Any IP endpoint can be tracked at call time using the IP subnet provided that the Use IP Address From Call Signaling Telephony setting is enabled.</p> <p>Cisco Webex client (registered natively to Unified Communications Manager) is represented through the registered Spark RD (Remote Destination) and needs to be manually defined in Emergency Responder for tracking.</p>
<p>Phones supported for off-premises location confirmation and update with the Remote Worker Emergency Calling feature in Unified Communications Manager 9.0 and later</p> <ul style="list-style-type: none"> • Cisco IP Communicator • Cisco Virtual Desktop (VXCC) • Cisco IP Phone 7800 Series • Cisco Unified IP Phone 9971, 9951, 8961, 8945, 8941, 8865, 8861, 8851, 8845, 8841, 7975, 7971, 7970, 7965, 7962, 7961, 7945, 7942, 7941, 7911, 7910, and 7906 	<p>When configured for off-premises use in Unified Communications Manager 9.0 and later, these phones provide displays for off-premises users to confirm or update their off-premises location.</p> <p>Note If the user dismisses the display before confirming or updating the location, the location can be recovered by selecting Running Applications from the Services menu or by resetting the phone.</p>
<p>Phones supported for Access Point based tracking with Unified Communications Manager 11.5 and later</p> <p>Cisco Unified Wireless IP Phone 7925G, 7925G-EX, 7926G, 8821, Cisco Jabber, and Webex App</p>	<p>Wireless Access Points need to be defined in Unified Communications Manager 11.5 and later, these phones provide their upstream infrastructure information (like BSSID) through Station Info messages to Unified Communications Manager. Cisco Emergency Responder through AXL Change Notification can track these phones through the associated Access Point.</p>

Supported Voice Ready Lan Switches

The following table lists the LAN switch models that Emergency Responder supports. A LAN switch model is supported only if the SNMP System Object ID appears in this table, regardless of the LAN switch configuration or software release.



Note Emergency Responder requires SNMP Version 1, Version 2, Version 2c, or Version 3 for automatic tracking of Cisco Unified IP Phones by connected switch ports.

Table 4: Supported Voice-Ready LAN Switches

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Catalyst 2940	2940-8TF	1.3.6.1.4.1.9.1.542
	2940-8TT	1.3.6.1.4.1.9.1.540
Catalyst 2950	2950-12	1.3.6.1.4.1.9.1.323
	2950-24	1.3.6.1.4.1.9.1.324
	2950C-24	1.3.6.1.4.1.9.1.325
	2950G-24-EI-DC	1.3.6.1.4.1.9.1.472
	2950S-24	1.3.6.1.4.1.9.1.430
	2950SX-24	1.3.6.1.4.1.9.1.480
	2950SX-48	1.3.6.1.4.1.9.1.560

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Catalyst 2960	2960-24LT-L	1.3.6.1.4.1.9.1.951
	2960-24PC-L	1.3.6.1.4.1.9.1.950
	2960-24-S	1.3.6.1.4.1.9.1.929
	2960-24TC-L	1.3.6.1.4.1.9.1.694
	2960-24TC-S	1.3.6.1.4.1.9.1.928
	2960-24TT-L	1.3.6.1.4.1.9.1.716
	2960-48PST-L	1.3.6.1.4.1.9.1.1016
	2960-48TC-L	1.3.6.1.4.1.9.1.695
	2960-48TC-S	1.3.6.1.4.1.9.1.927
	2960-48TT-L	1.3.6.1.4.1.9.1.717
	2960-8TC-L	1.3.6.1.4.1.9.1.798
	2960-8TC-S	1.3.6.1.4.1.9.1.1006
	2960G-24TC-L	1.3.6.1.4.1.9.1.696
	2960G-48TC-L	1.3.6.1.4.1.9.1.697
	2960G-8TC-L	1.3.6.1.4.1.9.1.799
	2960PD-8TT-L	1.3.6.1.4.1.9.1.952
	2960-48PST-S	1.3.6.1.4.1.9.1.1148
	2960-24LC-S	1.3.6.1.4.1.9.1.1146
	2960-24PC-S	1.3.6.1.4.1.9.1.1147
	Catalyst 2960-C	2960CPD-8PT-L
2960C-8PC-L		1.3.6.1.4.1.9.1.1366
2960C-12PC-L		1.3.6.1.4.1.9.1.1367

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Catalyst 2960-Plus	2960-Plus 48PST-L	1.3.6.1.4.1.9.1.1748
	2960-Plus 24PC-	1.3.6.1.4.1.9.1.1749
	2960-Plus 24LC-L	1.3.6.1.4.1.9.1.1750
	2960-Plus 48PST-S	1.3.6.1.4.1.9.1.1753
	2960-Plus 24PC-S	1.3.6.1.4.1.9.1.1754
	2960-Plus 24LC-S	1.3.6.1.4.1.9.1.1755
Catalyst 2960-S	2960S Stack	1.3.6.1.4.1.9.1.1208
	2960S-24PD-L	1.3.6.1.4.1.9.1.1261
	2960S-24PS-L	1.3.6.1.4.1.9.1.1265
	2960S-48FPD-L	1.3.6.1.4.1.9.1.1258
	2960S-48FPS-L	1.3.6.1.4.1.9.1.1263
	2960S-48LPD-L	1.3.6.1.4.1.9.1.1259
	2960S-48LPS-L	1.3.6.1.4.1.9.1.1264

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB	
Catalyst 2960L	C2960L24TQLL	1.3.6.1.4.1.9.1.2495	1.3.6.1.4.1.9.1.1691
	C2960L48TQLL	1.3.6.1.4.1.9.1.2496	
	C2960L24PQLL	1.3.6.1.4.1.9.1.2497	
	C2960L48PQLL	1.3.6.1.4.1.9.1.2498	
	Catalyst 2960X	Catalyst 2960X-48LPD-L	
Catalyst 2960X-48TD-L		1.3.6.1.4.1.9.1.1692	
Catalyst 2960X-24TD-L		1.3.6.1.4.1.9.1.1694	
Catalyst 2960X-48FPS-L		1.3.6.1.4.1.9.1.1695	
Catalyst 2960X-48LPS-L		1.3.6.1.4.1.9.1.1696	
Catalyst 2960X-48TS-L		1.3.6.1.4.1.9.1.1698	
Catalyst 2960X-24TS-L		1.3.6.1.4.1.9.1.1699	
Catalyst 2960X-24PSK-L		1.3.6.1.4.1.9.1.1700	
Catalyst 2960X-48LPS-S		1.3.6.1.4.1.9.1.1701	
Catalyst 2960X-24PS-S		1.3.6.1.4.1.9.1.1702	
Catalyst 2960X-48TS-LL		1.3.6.1.4.1.9.1.1703	
Catalyst 2960X-24TS-LL		1.3.6.1.4.1.9.1.1704	
Catalyst 2960X-24PS-L		1.3.6.1.4.1.9.1.1697	
Catalyst 2960X-24PD-L		1.3.6.1.4.1.9.1.1693	
		1.3.6.1.4.1.9.1.1690	

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Catalyst 2960X-48FPD-L		
Catalyst 2960XR	Catalyst 2960XR-24PD-I	1.3.6.1.4.1.9.1.1800
	Catalyst 2960XR-24TD-I	1.3.6.1.4.1.9.1.1801
	Catalyst 2960XR-48FPS-I	1.3.6.1.4.1.9.1.1802
	Catalyst 2960XR-48LPS-I	1.3.6.1.4.1.9.1.1803
	Catalyst 2960XR-48TS-I	1.3.6.1.4.1.9.1.1804
	Catalyst 2960XR-24PS-I	1.3.6.1.4.1.9.1.1805
	Catalyst 2960XR-24TS-I	1.3.6.1.4.1.9.1.1806
	Catalyst 2960XR-48FPD-L	1.3.6.1.4.1.9.1.1807
	Catalyst 2960XR-48LPD-L	1.3.6.1.4.1.9.1.1808
	Catalyst 2960XR-48PD-L	1.3.6.1.4.1.9.1.1809
	Catalyst 2960XR-24PD-L	1.3.6.1.4.1.9.1.1810
	Catalyst 2960XR-24TD-L	1.3.6.1.4.1.9.1.1811
	Catalyst 2960XR-48FPS-L	1.3.6.1.4.1.9.1.1812
	Catalyst 2960XR-48LPS-L	1.3.6.1.4.1.9.1.1813
	Catalyst 2960XR-48TS-L	1.3.6.1.4.1.9.1.1814
	Catalyst 2960XR-24PS-L	1.3.6.1.4.1.9.1.1815
	Catalyst 2960XR-24TS-L	1.3.6.1.4.1.9.1.1816
	Catalyst 2960XR-48FPD-I	1.3.6.1.4.1.9.1.1797
	Catalyst 2960XR-48LPD-I	1.3.6.1.4.1.9.1.1798
	Catalyst 2960XR-48TD-I	1.3.6.1.4.1.9.1.1799
Catalyst 2975	2975GS-48PS-L	1.3.6.1.4.1.9.1.1067
	2975GS-48PS-L-Stack	1.3.6.1.4.1.9.1.1068
Catalyst 3550	3550-24-DC	1.3.6.1.4.1.9.1.452

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Catalyst 3560	3560-12PC-S	1.3.6.1.4.1.9.1.1015
	3560-24PS	1.3.6.1.4.1.9.1.563
	3560-24TS	1.3.6.1.4.1.9.1.633
	3560-48PS	1.3.6.1.4.1.9.1.564
	3560-48TS	1.3.6.1.4.1.9.1.634
	3560-8PC	1.3.6.1.4.1.9.1.797
	3560G-24PS	1.3.6.1.4.1.9.1.614
	3560G-24TS	1.3.6.1.4.1.9.1.615
	3560G-48PS	1.3.6.1.4.1.9.1.616
	3560G-48TS	1.3.6.1.4.1.9.1.617
	3560V2-24PS	1.3.6.1.4.1.9.1.1021
	3560V2-48PS	1.3.6.1.4.1.9.1.1025
	3560CX-12TC-S	1.3.6.1.4.1.9.1.2133
	3560CX-8XPD-S	1.3.6.1.4.1.9.1.2131
	3560CX-8PT-S	1.3.6.1.4.1.9.1.2130
Catalyst 3560-C	3560CG-8PC-S	1.3.6.1.4.1.9.1.1317
	3560CPD-8PT-S	1.3.6.1.4.1.9.1.1368
	3560C-8PC-S	1.3.6.1.4.1.9.1.1466
	3560C-12PC-S	1.3.6.1.4.1.9.1.1465
Catalyst 3560-E	3560E-12D	1.3.6.1.4.1.9.1.930
	3560E-12SD	1.3.6.1.4.1.9.1.956
	3560E-24PD	1.3.6.1.4.1.9.1.795
	3560E-24TD	1.3.6.1.4.1.9.1.793
	3560E-48PD	1.3.6.1.4.1.9.1.796
	3560E-48TD	1.3.6.1.4.1.9.1.794

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Catalyst 3560-X	3560X-24P (-L/S/E)	1.3.6.1.4.1.9.1.1228
	3560X-48PF (-L/S/E)	1.3.6.1.4.1.9.1.1229
	3560X-48P (-L/S/E)	1.3.6.1.4.1.9.1.1229
	3560X-48U	1.3.6.1.4.1.9.1.1710
	3560X-48TS	1.3.6.1.4.1.9.1.2066
	WS-C3560X-48T-S	1.3.6.1.4.1.9.1.1227
Catalyst 3650	Catalyst C3650-24TS (-L/S/E)	1.3.6.1.4.1.9.1.1823
	Catalyst C3650-48TS (-L/S/E)	1.3.6.1.4.1.9.1. 1824
	Catalyst C3650-24PS (-L/S/E)	1.3.6.1.4.1.9.1. 1825
	Catalyst C3650-48PS (-L/S/E)	1.3.6.1.4.1.9.1. 1826
	Catalyst C3650-24TD (-L/S/E)	1.3.6.1.4.1.9.1. 1827
	Catalyst C3650-48TD (-L/S/E)	1.3.6.1.4.1.9.1. 1828
	Catalyst C3650-24PD (-L/S/E)	1.3.6.1.4.1.9.1. 1829
	Catalyst C3650-48PD (-L/S/E)	1.3.6.1.4.1.9.1.1830
	Catalyst C3650-Stack (-L/S/E)	1.3.6.1.4.1.9.1.1830
	Catalyst C3650-48PQ (-L/S/E)	1.3.6.1.4.1.9.1.1881
	Catalyst C3650-48TQ (-L/S/E)	1.3.6.1.4.1.9.1.1882

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Catalyst 3750	3750 Stack	1.3.6.1.4.1.9.1.516
	3750-24FS	1.3.6.1.4.1.9.1.656
	3750-24PS	1.3.6.1.4.1.9.1.536
	3750-24TS	1.3.6.1.4.1.9.1.513
	3750-48PS	1.3.6.1.4.1.9.1.535
	3750-48TS	1.3.6.1.4.1.9.1.512
	3750G-12S	1.3.6.1.4.1.9.1.530
	3750G-12S-SD	1.3.6.1.4.1.9.1.688
	3750G-16TD	1.3.6.1.4.1.9.1.591
	3750G-24PS	1.3.6.1.4.1.9.1.602
	3750G-24T	1.3.6.1.4.1.9.1.514
	3750G-24TS	1.3.6.1.4.1.9.1.511
	3750G-24TS-1U	1.3.6.1.4.1.9.1.624
	3750G-24WS-S25	1.3.6.1.4.1.9.1.778
	3750G-24WS-S50	1.3.6.1.4.1.9.1.779
	3750G-48PS	1.3.6.1.4.1.9.1.603
	3750G-48TS	1.3.6.1.4.1.9.1.604
	3750V2-24PS	1.3.6.1.4.1.9.1.1023
	3750V2-48PS	1.3.6.1.4.1.9.1.1027
Catalyst 3750-X	3750X-48P (-L/E)	1.3.6.1.4.1.9.1.1225
	3750X-48PF (-L/S/E)	1.3.6.1.4.1.9.1.1225
	3750X-48P (-L/S)	1.3.6.1.4.1.9.1.1225
	3750X-24P (-L/S/E)	1.3.6.1.4.1.9.1.1224
Catalyst 3750 Metro	3750-24TE-M	1.3.6.1.4.1.9.1.574

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Catalyst 3750-E	3750E-24PD	1.3.6.1.4.1.9.1.792
	3750E-24TD	1.3.6.1.4.1.9.1.789
	3750E-48PD	1.3.6.1.4.1.9.1.791
	3750E-48TD-S	1.3.6.1.4.1.9.1.790
Catalyst 3850	Catalyst C3850-24U (-L/S/E)	1.3.6.1.4.1.9.1.1767
	Catalyst C3850-48U (-L/S/E)	1.3.6.1.4.1.9.1.1768
	3850-48P (-L/S/E)	1.3.6.1.4.1.9.1.1641
	3850-24P (-L/S/E)	1.3.6.1.4.1.9.1.1642
	3850-48T (-L/S/E)	1.3.6.1.4.1.9.1.1643
	3850-24T (-L/S/E)	1.3.6.1.4.1.9.1.1644
	Catalyst 3850-12S-S	1.3.6.1.4.1.9.1.1880
	Catalyst 3850-12S-E	1.3.6.1.4.1.9.1.1880
	Catalyst 3850-24S-S	1.3.6.1.4.1.9.1.1879
	Catalyst 3850-24S-E	1.3.6.1.4.1.9.1.1879
	Catalyst C3850-12X48U	1.3.6.1.4.1.9.1.1745
Catalyst 4500	4503	1.3.6.1.4.1.9.5.58
	4503	1.3.6.1.4.1.9.1.503
	4506	1.3.6.1.4.1.9.5.59
	4506	1.3.6.1.4.1.9.1.502
	4507	1.3.6.1.4.1.9.1.501
	4510	1.3.6.1.4.1.9.1.537

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Catalyst 4500-E	4503-E	1.3.6.1.4.1.9.1.874
	4506-E	1.3.6.1.4.1.9.1.875
	4507R-E	1.3.6.1.4.1.9.1.876
	4510R-E	1.3.6.1.4.1.9.1.877
	4507R+E	1.3.6.1.4.1.9.1.1286
	4510R+E	1.3.6.1.4.1.9.1.1287
Catalyst 4900	4948	1.3.6.1.4.1.9.1.626
	4948-10GE	1.3.6.1.4.1.9.1.659
Catalyst 6500	6503	1.3.6.1.4.1.9.5.56
	6503	1.3.6.1.4.1.9.1.449
	6504	1.3.6.1.4.1.9.1.657
	6506	1.3.6.1.4.1.9.5.45
	6506	1.3.6.1.4.1.9.1.282
	6509	1.3.6.1.4.1.9.5.44
	6509	1.3.6.1.4.1.9.1.283
	6509-NEB	1.3.6.1.4.1.9.5.61
	6513	1.3.6.1.4.1.9.5.50
	6513	1.3.6.1.4.1.9.1.400
Catalyst 6500-E	6509-E	1.3.6.1.4.1.9.1.283
	6506-E	1.3.6.1.4.1.9.1.282
	6504-E	1.3.6.1.4.1.9.1.657
	6503-E	1.3.6.1.4.1.9.1.449
Catalyst 6800ia	Catalyst 6800ia-48FPD-L	1.3.6.1.4.1.9.1.1866
	Catalyst 6800ia-48TD-L	1.3.6.1.4.1.9.1.1867
Catalyst 68xx	Catalyst 68xx Virtual Switch	1.3.6.1.4.1.9.1.1934
Catalyst 6880-X	Catalyst 6880-XLE	1.3.6.1.4.1.9.1.1784

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Catalyst 6807-XL	Catalyst 6807-XL	1.3.6.1.4.1.9.1.1765
Catalyst 9200	C9200-24T	1.3.6.1.4.1.9.1.2694
	C9200-24P	1.3.6.1.4.1.9.1.2694
	C9200-48T	1.3.6.1.4.1.9.1.2694
	C9200-48P	1.3.6.1.4.1.9.1.2694
C9200CX-12P-2XGH	1.3.6.1.4.1.9.1.3164	
C9200CX-8PT-2G	1.3.6.1.4.1.9.1.3098	
C9200CX-8UXG-2X	1.3.6.1.4.1.9.1.3099	
C9200CX-8P-2XGH	1.3.6.1.4.1.9.1.3195	
C9200CX-8UXG-2XH	1.3.6.1.4.1.9.1.3196	
Catalyst 9200L	C9200L-24T-4G	1.3.6.1.4.1.9.1.2695
	C9200L-24P-4G	1.3.6.1.4.1.9.1.2695
	C9200L-48T-4G	1.3.6.1.4.1.9.1.2695
	C9200L-48P-4G	1.3.6.1.4.1.9.1.2695
	C9200L-24T-4X	1.3.6.1.4.1.9.1.2695
	C9200L-24P-4X	1.3.6.1.4.1.9.1.2695
	C9200L-48T-4X	1.3.6.1.4.1.9.1.2695
	C9200L-48P-4X	1.3.6.1.4.1.9.1.2695

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Catalyst 9300	c9300	1.3.6.1.4.1.9.1.2494
	c930024T	1.3.6.1.4.1.9.1.2435
	c930024P	1.3.6.1.4.1.9.1.2436
	c930024U	1.3.6.1.4.1.9.1.2437
	c930024X	1.3.6.1.4.1.9.1.2438
	c930048T	1.3.6.1.4.1.9.1.2439
	c930048P	1.3.6.1.4.1.9.1.2440
	c930048U	1.3.6.1.4.1.9.1.2441
	c930048UXM	1.3.6.1.4.1.9.1.2442
Catalyst 9400	C9407R	1.3.6.1.4.1.9.1.2500
	C9410R	1.3.6.1.4.1.9.1.2501
	C9404R	1.3.6.1.4.1.9.1.2499
Catalyst 9500	c950012Q	1.3.6.1.4.1.9.1.2418
	c950024Q	1.3.6.1.4.1.9.1.2419
	c950040X	1.3.6.1.4.1.9.1.2420
Catalyst Express 500	500-24LC	1.3.6.1.4.1.9.1.725
	500-24PC	1.3.6.1.4.1.9.1.726
	500-24TT	1.3.6.1.4.1.9.1.724
	500G-12TC	1.3.6.1.4.1.9.1.727
Catalyst Express 520	520-24LC	1.3.6.1.4.1.9.1.933
	520-24PC	1.3.6.1.4.1.9.1.934
	520-24TT	1.3.6.1.4.1.9.1.932
	520-8PC	1.3.6.1.4.1.9.1.897
	520G-24TC	1.3.6.1.4.1.9.1.935
Cisco ME 4900	ME 4924-10GE	1.3.6.1.4.1.9.1.788
Catalyst C6880x	ciscoC6880x	1.3.6.1.4.1.9.1.1936

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Catalyst 3560CX	Cisco Catalyst 3560CX-8XPD-S	1.3.6.1.4.1.9.1.2131
	Cisco Catalyst 3560CX-8PT-S	1.3.6.1.4.1.9.1.2130
Catalyst C3560	catwsC3560CX12pdS	1.3.6.1.4.1.9.1.2132
	catwsC3560CX12pcS	1.3.6.1.4.1.9.1.2134
	catwsC3560CX8tcS	1.3.6.1.4.1.9.1.2135
	catwsC3560CX8pcS	1.3.6.1.4.1.9.1.2136
Catalyst C2960	catwsC2960CX8tcL	1.3.6.1.4.1.9.1.2137
Catalyst 2960CX	Cisco Catalyst 2960CX-8PC-L	1.3.6.1.4.1.9.1.2191

The following table lists the Meraki Switches and Meraki Managed Catalyst Switches that are supported for Switch Port based tracking through SNMP v2.

Table 5: Meraki Switches and Meraki Managed Catalyst Switches

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Meraki MS210	MS210-24P	1.3.6.1.4.1.29671.2.346
	MS210-48LP	1.3.6.1.4.1.29671.2.348
	MS210-24	1.3.6.1.4.1.29671.2.345
	MS210-48	1.3.6.1.4.1.29671.2.347
	MS210-48FP	1.3.6.1.4.1.29671.2.349
Meraki MS125	MerakiMS125-24	1.3.6.1.4.1.29671.2.371
	MerakiMS125-24P	1.3.6.1.4.1.29671.2.372
	MerakiMS125-48	1.3.6.1.4.1.29671.2.373
	MerakiMS125-48LP	1.3.6.1.4.1.29671.2.374
	MerakiMS125-48FP	1.3.6.1.4.1.29671.2.375

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Meraki MS220	MerakiMS220-8	1.3.6.1.4.1.29671.2.304
	MerakiMS220-8p	1.3.6.1.4.1.29671.2.305
	MerakiMS220-24	1.3.6.1.4.1.29671.2.306
	MerakiMS220-24p	1.3.6.1.4.1.29671.2.307
	MerakiMS220-48	1.3.6.1.4.1.29671.2.308
	MerakiMS220-48lp	1.3.6.1.4.1.29671.2.309
	MerakiMS220-48fp	1.3.6.1.4.1.29671.2.310
Meraki MS225	MS225-24	1.3.6.1.4.1.29671.2.328
	MS225-24p	1.3.6.1.4.1.29671.2.329
	MS225-48	1.3.6.1.4.1.29671.2.330
	MS225-48lp	1.3.6.1.4.1.29671.2.331
	MS225-48fp	1.3.6.1.4.1.29671.2.332
Meraki MS250	MS250-24	1.3.6.1.4.1.29671.2.333
	MS250-24p	1.3.6.1.4.1.29671.2.334
	MS250-48	1.3.6.1.4.1.29671.2.335
	MS250-48lp	1.3.6.1.4.1.29671.2.336
	MS250-48fp	1.3.6.1.4.1.29671.2.337
Meraki MS320	MS320-24	1.3.6.1.4.1.29671.2.311
	MS320-24p	1.3.6.1.4.1.29671.2.312
	MS320-48	1.3.6.1.4.1.29671.2.313
	MS320-48lp	1.3.6.1.4.1.29671.2.314
	MS320-48fp	1.3.6.1.4.1.29671.2.315

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Meraki MS350	MS350-24	1.3.6.1.4.1.29671.2.318
	MS350-24p	1.3.6.1.4.1.29671.2.319
	MS350-48	1.3.6.1.4.1.29671.2.320
	MS350-48lp	1.3.6.1.4.1.29671.2.321
	MS350-48fp	1.3.6.1.4.1.29671.2.322
	MS350-24x	1.3.6.1.4.1.29671.2.327

Supported Cisco Routers

The following table lists the Cisco routers Emergency Responder supports.

Table 6: Supported Cisco Routers

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Cisco 1800	Cisco 1861-SRST-B/K9	1.3.6.1.4.1.9.1.904
	Cisco 1861-SRST-C-B/K9	1.3.6.1.4.1.9.1.939
	Cisco 1861-SRST-C-F/K9	1.3.6.1.4.1.9.1.940
	Cisco 1861-SRST-F/K9	1.3.6.1.4.1.9.1.905
	Cisco 1861-UC-2BRI-K9	1.3.6.1.4.1.9.1.902
	Cisco 1861-UC-4FXO-K9	1.3.6.1.4.1.9.1.903
	Cisco1861	1.3.6.1.4.1.9.1.1065
Cisco 1900	Cisco 1905	1.3.6.1.4.1.9.1.1192
	Cisco 1921	1.3.6.1.4.1.9.1.1191
	Cisco 1941	1.3.6.1.4.1.9.1.1047
Cisco 2800	Cisco 2811	1.3.6.1.4.1.9.1.576
	Cisco 2821	1.3.6.1.4.1.9.1.577
	Cisco 2851	1.3.6.1.4.1.9.1.578

Series (Ethernet Ports Only)	Supported Device	System Object ID from CISCO-PRODUCTS-MIB or CISCO-STACK-MIB
Cisco 2900	Cisco 2911	1.3.6.1.4.1.9.1.1045
	Cisco 2921	1.3.6.1.4.1.9.1.1044
	Cisco 2951	1.3.6.1.4.1.9.1.1043
Cisco 3800	Cisco 3825	1.3.6.1.4.1.9.1.543
	Cisco 3845	1.3.6.1.4.1.9.1.544
Cisco 3900	Cisco 3925	1.3.6.1.4.1.9.1.1042
	Cisco 3925E	1.3.6.1.4.1.9.1.1144
	Cisco 3945	1.3.6.1.4.1.9.1.1041
	Cisco 3945E	1.3.6.1.4.1.9.1.1145

Supported Switch Modules and Network Modules

Emergency Responder supports the following switch modules and network modules.

Table 7: Supported Switch Modules and Network Modules

Switch Modules and Network Modules	System Object ID from CISCO-PRODUCTS-MIB
Cisco SM-ES2-16-P	1.3.6.1.4.1.9.1.1048
Cisco SM-ES3-16-P	1.3.6.1.4.1.9.1.1049
Cisco SM-ES3G-16-P	1.3.6.1.4.1.9.1.1050
Cisco SM-ES2-24-P	1.3.6.1.4.1.9.1.1052
Cisco SM-ES3-24-P	1.3.6.1.4.1.9.1.1053
Cisco SM-ES3G-24-P	1.3.6.1.4.1.9.1.1054
Cisco SM-D-ES3-48-P	1.3.6.1.4.1.9.1.1056
Cisco SM-D-ES3G-48-P	1.3.6.1.4.1.9.1.1057
NME-16ES-1G	1.3.6.1.4.1.9.1.702
NME-16ES-1G-P	1.3.6.1.4.1.9.1.663
NME-X-23ES-1G	1.3.6.1.4.1.9.1.703
NME-X-23ES-1G-P	1.3.6.1.4.1.9.1.664
NME-XD-24ES-2S-P	1.3.6.1.4.1.9.1.665

Switch Modules and Network Modules	System Object ID from CISCO-PRODUCTS-MIB
NME-XD-48ES-2S-P	1.3.6.1.4.1.9.1.666



Note Switch modules and network modules use the System Object IDs of the routers into which they are inserted. Support for ISR-G2 SM and NM requires installation of the Cisco Options Package (COP) file. Download the COP file from the [Download Software](#) page on Cisco.com

Supported Cisco UCS Platforms

For information about supported Cisco Unified Computing System (UCS) platforms, see the [Unified Communications Virtualization Supported Applications](#) section of the Cisco Collaboration Virtualization wiki.

VMware Support

For information about VMware, see the Unified Communications VMWare Requirements section of the Cisco documentation wiki at https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/uc_system/virtualization/virtualization-software-requirements.html.

Supported OVAs and Capacity

For information about OVAs, administrators should see the Virtualization for Cisco Emergency Responder (CER) at http://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/uc_system/virtualization/virtualization-cisco-emergency-responder.html.

Related Documentation

Cisco Emergency Responder Documentation

See the publications for Cisco Emergency Responder. Navigate from the following documentation URL:

<https://www.cisco.com/c/en/us/support/unified-communications/emergency-responder/series.html>

Cisco Unified Communications Manager Documentation

See the *Cisco Unified Communications Manager Documentation Guide* and other publications specific to your Cisco Unified Communications Manager release. Navigate from the following URL:

<https://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/series.html>

Important Notes

Cisco Emergency Responder 12.5(x) Supported Upgrades

Cisco Emergency Responder 10.x and later is supported on Cisco Unified Computing System (UCS) and other virtual platforms only. All existing installations on Media Convergence Servers (MCS) should be migrated to UCS before upgrading to Cisco Emergency Responder 10.x or later.

Direct upgrades to Cisco Emergency Responder 12.5(x) are supported only for the following releases:

- Cisco Emergency Responder 10.0(1) or Cisco Emergency Responder 10.0(2) or Cisco Emergency Responder 10.5(1) or Cisco Emergency Responder 10.5(1a)
- Cisco Emergency Responder 11.0(1) till Cisco Emergency Responder 11.5(4) SU10
- Cisco Emergency Responder 12.0(1) or Cisco Emergency Responder 12.0(1) SU1 or Cisco Emergency Responder 12.0(1) SU2

Direct upgrades from Cisco Emergency Responder 1.x, Cisco Emergency Responder 2.x, Cisco Emergency Responder 7.x, or Cisco Emergency Responder 8.0 or Cisco Emergency Responder 8.5 or Cisco Emergency Responder 8.6 or Cisco Emergency Responder 8.7 to Cisco Emergency Responder 12.5(x) are not supported. Customers must first complete an upgrade to Cisco Emergency Responder 8.6.

- If existing Cisco Emergency Responder 1.x, Cisco Emergency Responder 2.x, Cisco Emergency Responder 7.x, or Cisco Emergency Responder 8.0 or Cisco Emergency Responder 8.5 or Cisco Emergency Responder 8.6 or Cisco Emergency Responder 8.7 is installed on an MCS model that is supported by Cisco Emergency Responder 8.6 or supported through Bridge Upgrade of the system, the customer must first upgrade to Cisco Emergency Responder 8.6, then migrate to UCS or virtual platform, and then upgrade to Cisco Emergency Responder 12.5(x).
- If existing Cisco Emergency Responder 1.x, Cisco Emergency Responder 2.x, Cisco Emergency Responder 7.x, or Cisco Emergency Responder 8.0 or Cisco Emergency Responder 8.5 or Cisco Emergency Responder 8.6 or Cisco Emergency Responder 8.7 is installed on MCS, which is not supported by Cisco Emergency Responder 8.6, customer must perform a fresh installation of Cisco Emergency Responder 12.5(x).

COP Files Required for Upgrades to Release 12.5(x)

Table 8: Required COP Files for Upgrades and Migrations to Emergency Responder Release 12.5(x)

From	To	Upgrade Type
9.0(1) and 9.0(2)	12.5.x	Refresh upgrade. Required COP file: <ul style="list-style-type: none"> • ciscoem.version3-keys.cop.sgn
10.0(1), 10.0(2), 10.5(1), and 10.5(1a)	12.5.x	Refresh upgrade. Required COP file: <ul style="list-style-type: none"> • ciscoem.version3-keys.cop.sgn <p>Note You should use the following COP file to upgrade from release 10.5(1) to release 12.5(1) SU3 directly when you select the Switch Version as No: ciscoem.cer_10x_RU_12.5su3.cop.sgn</p>
11.0(1)	12.5.x	Refresh upgrade; no COP file required.
11.5(1)—	12.5.x	Refresh upgrade; no COP file required.
12.0(1), 12.0(1) SU(1), and 12.0(1) SU(2)	12.5.x	Refresh upgrade. Required COP file: <ul style="list-style-type: none"> • ciscoem.cer_resetudi.cop.sg

Caveats

This section contains information about accessing the Cisco Bug Search to find open caveats and resolved caveats.

Access Cisco Bug Search

Known problems (bugs) are graded according to severity level. These release notes contain descriptions of the following:

- All severity level 1 or 2 bugs
- Significant severity level 3 bugs

You can search for problems by using Cisco Bug Search.

Before you begin

To access Cisco Bug Search, you need the following items:

- Internet connection
- Web browser
- Cisco.com user ID and password

Procedure

-
- Step 1** To access Cisco Bug Search, go to:
<https://bst.cloudapps.cisco.com/bugsearch>
- Step 2** Log in with your Cisco.com user ID and password.
- Step 3** To look for information about a specific problem, enter the bug ID number in the Search for field, then press **Enter**.
-

Open Caveats

There are no known issues in this release.

Resolved Caveats

Table 9: Resolved Caveats for Cisco Emergency Responder 12.5(1)

Identifier	Headline
CSCvg02661	SNMP walk has 10k record per table limit during discovery
CSCvk60451	CER-Onsite Alert Bulk import fails with error 'Invalid characters in SecurityName'
CSCvf48761	Phones do not get discovered under SNMPV3 switch, due to UDP packets for cdp bulk request

Identifier	Headline
CSCvg67078	Not able to add email alert ends with .coop instead of .com
CSCvh75486	On-site alerts don't include correct Port Description nor Location from switchport description
CSCvm19834	CER won't allow host names with both a dash and period in SNMP
CSCvm49766	Command to keep the switch's "ifindex" from changing in a CER environment
CSCvm07949	Repeated email alerts on a core file on CER server