New and Changed Feature Information

This table summarizes the new and changed features, the supported platforms, and links to features.

Table 1: New and Changed Feature Information

Feature	Release & Platform
Provisioning	
Zero-Touch Provisioning	Cisco IOS XE Everest 16.5.1a • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches Cisco IOS XE Everest 16.5.1b • Cisco 4000 Series Integrated Services Routers Cisco IOS XE Everest 16.6.2 • Cisco Catalyst 9400 Series Switches Cisco IOS XE Everest 16.6.2 • Cisco Catalyst 9400 Series Switches Cisco IOS XE Fuji 16.7.1 • Cisco ASR 1000 Aggregation Services Routers (ASR1001-X, ASR1001-HX, ASR1002-X, ASR1002-HX)

Feature	Release & Platform
Zero Touch Provisioning: HTTP Copy	Cisco IOS XE Everest 16.6.1 • Cisco 4000 Series Integrated Services Routers • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches Cisco IOS XE Everest 16.6.2 • Cisco Catalyst 9400 Series Switches
iPXE	Cisco IOS XE Denali 16.3.2 and Cisco IOS XE Everest 16.5.1a • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3650 Series Switches Cisco IOS XE Everest 16.6.1 • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches Cisco IOS XE Everest 16.6.2 • Cisco Catalyst 9400 Series Switches
Shells and Scripting	

Feature	Release & Platform
Guest Shell	Cisco IOS XE Everest 16.5.1a • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches Cisco IOS XE Everest 16.5.1b • Cisco 4000 Series Integrated Services Routers Cisco IOS XE Everest 16.6.2 • Cisco Catalyst 9400 Series Switches Cisco IOS XE Fuji 16.7.1 • Cisco ASR 1000 Aggregation Services Routers (ASR1001-X, ASR1001-HX, ASR1002-X, ASR1002-HX) • Cisco Cloud Services Router 1000V Series
Python APIs	Cisco IOS XE Everest 16.5.1a • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches Cisco IOS XE Everest 16.5.1b • Cisco 4000 Series Integrated Services Routers Cisco IOS XE Everest 16.6.2 • Cisco Catalyst 9400 Series Switches Cisco IOS XE Fuji 16.7.1 • Cisco ASR 1000 Aggregation Services Routers (ASR1001-X, ASR1001-HX, ASR1002-X, ASR1002-HX) • Cisco Cloud Services Router 1000V Series

Feature	Release & Platform
Python CLI Module	Cisco IOS XE Everest 16.5.1a • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches Cisco IOS XE Everest 16.5.1b • Cisco 4000 Series Integrated Services Routers Cisco IOS XE Everest 16.6.2 • Cisco Catalyst 9400 Series Switches Cisco IOS XE Fuji 16.7.1 • Cisco ASR 1000 Aggregation Services Routers (ASR1001-X, ASR1001-HX, ASR1002-X, ASR1002-HX) • Cisco Cloud Services Router 1000V Series
EEM Python Module	Cisco IOS XE Everest 16.5.1a • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches Cisco IOS XE Everest 16.5.1b • Cisco 4000 Series Integrated Services Routers Cisco IOS XE Everest 16.6.2. • Cisco Catalyst 9400 Series Switches Cisco IOS XE Fuji 16.7.1 • Cisco ASR 1000 Aggregation Services Routers (ASR1001-X, ASR1001-HX, ASR1002-X, ASR1002-HX) • Cisco Cloud Services Router 1000V Series
Model-Driven Programmability	

Feature	Release & Platform
NETCONF Network Management Interface	Cisco IOS XE Denali 16.3.1 • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco 4000 Series Integrated Services Routers Cisco IOS XE Everest 16.5.1a • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches Cisco IOS XE Everest 16.6.2 • Cisco Catalyst 9400 Series Switches Cisco IOS XE Fuji 16.7.1 • Cisco ASR 900 Series Aggregation Services Routers • Cisco Network Convergence System 4200 Series
Model-Driven Telemetry NETCONF Dial-In	Cisco IOS XE Everest 16.6.1 • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches Cisco IOS XE Everest 16.6.2 • Cisco Catalyst 9400 Series Switches Cisco IOS XE Fuji 16.7.1 • Cisco 4000 Series Integrated Services Routers • Cisco ASR 1000 Aggregation Services Routers (ASR1001-HX, ASR1001-X, ASR1002-HX, ASR1002-X)

Feature	Release & Platform
In-Service Model Updates	Cisco IOS XE Everest 16.5.1a • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches Cisco IOS XE Everest 16.5.1b • Cisco 4000 Series Integrated Services Routers Cisco IOS XE Everest 16.6.1 • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches Cisco IOS XE Everest 16.6.2 • Cisco Catalyst 9400 Series Switches Cisco IOS XE Fuji 16.7.1 • Cisco ASR 1000 Aggregation Services Routers
RESTCONF Network Management Interface	Cisco IOS XE Everest 16.6.1 • Cisco 4000 Series Integrated Services Routers • Cisco ASR 1000 Aggregation Services Routers (ASR1001-HX and ASR1002-HX) • Cisco Cloud Services Router 1000V Series Cisco IOS XE Fuji 16.7.1 • Cisco ASR 9xx Series Aggregation Services Routers • Cisco Network Convergence System 4200 Series