



New and Changed Information

This chapter provides release-specific information about all features.

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New and Changed 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	

Feature	Release & Platform
Zero-Touch Provisioning	

Feature	Release & Platform
	<p>Cisco IOS XE Everest 16.5.1a</p> <ul style="list-style-type: none"> • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches <p>Cisco IOS XE Everest 16.5.1b</p> <ul style="list-style-type: none"> • Cisco 4000 Series Integrated Services Routers <p>Cisco IOS XE Everest 16.6.2</p> <ul style="list-style-type: none"> • Cisco Catalyst 9400 Series Switches <p>Cisco IOS XE Fuji 16.7.1</p> <ul style="list-style-type: none"> • Cisco ASR 1000 Aggregation Services Routers (ASR1001-X, ASR1001-HX, ASR1002-X, ASR1002-HX) <p>Cisco IOS XE Fuji 16.8.1a</p> <ul style="list-style-type: none"> • Cisco Catalyst 9500-High Performance Series Switches <p>Cisco IOS XE Fuji 16.8.2</p> <ul style="list-style-type: none"> • Cisco ASR 1000 Series Aggregation Services Routers (ASR1004, ASR1006, ASR1006-X, ASR1009-X, ASR1013) <p>Cisco IOS XE Gibraltar 16.12.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 9200 Series Switches <p>Note This feature is not supported on C9200L SKUs.</p> <ul style="list-style-type: none"> • Cisco Catalyst 9300L SKUs • Cisco Catalyst 9600 Series Switches • Cisco Catalyst 9800-40 Wireless Controllers • Cisco Catalyst 9800-80 Wireless Controllers <p>Cisco IOS XE Amsterdam 17.2.1</p> <ul style="list-style-type: none"> • Cisco Cloud Services Router 1000V Series • Cisco C1100 Terminal Services Gateway (Supported only on C1100TGX-1N24P32A) <p>Cisco IOS XE Amsterdam 17.3.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 8200 Series Edge Platforms

Feature	Release & Platform
	<ul style="list-style-type: none"> • Cisco Catalyst 8300 Series Edge Platforms Cisco IOS XE Cupertino 17.8.1 <ul style="list-style-type: none"> • Cisco Catalyst 9800-L Wireless Controllers
Secure Zero-Touch Provisioning	Cisco IOS XE Dublin 17.11.1 <ul style="list-style-type: none"> • Cisco Catalyst 9300 and 9300L Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 and 9500-High Performance Series Switches • Cisco Catalyst 9600 Series Switches
Zero Touch Provisioning: HTTP Download	Cisco IOS XE Fuji 16.8.1 <ul style="list-style-type: none"> • 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 Fuji 16.8.1a <ul style="list-style-type: none"> • Cisco Catalyst 9500-High Performance Series Switches
DHCPv6 Support for Zero-Touch Provisioning	Cisco IOS XE Fuji 16.9.1 <ul style="list-style-type: none"> • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches Cisco IOS XE Amsterdam 17.3.2a <ul style="list-style-type: none"> • Cisco Catalyst 9800-40 Series Wireless Controllers • Cisco Catalyst 9800-80 Series Wireless Controllers
Zero-Touch Provisioning Through YANG Models	Cisco IOS XE Cupertino 17.7.1 <ul style="list-style-type: none"> • This feature is supported on all platforms that support NETCONF-YANG.

Feature	Release & Platform
iPXE	<p>Cisco IOS XE Denali 16.3.2 and Cisco IOS XE Everest 16.5.1a</p> <ul style="list-style-type: none">• Cisco Catalyst 3650 Series Switches• Cisco Catalyst 3650 Series Switches <p>Cisco IOS XE Everest 16.6.1</p> <ul style="list-style-type: none">• Cisco Catalyst 9300 Series Switches• Cisco Catalyst 9500 Series Switches <p>Cisco IOS XE Everest 16.6.2</p> <ul style="list-style-type: none">• Cisco Catalyst 9400 Series Switches <p>Cisco IOS XE Fuji 16.8.1a</p> <ul style="list-style-type: none">• Cisco Catalyst 9500-High Performance Series Switches <p>Cisco IOS XE Fuji 16.9.2</p> <ul style="list-style-type: none">• Cisco Catalyst 9200 Series Switches <p>Cisco IOS XE Gibraltar 16.11.1</p> <ul style="list-style-type: none">• Cisco Catalyst 9600 Series Switches
Shells and Scripting	

Feature	Release & Platform
Guest Shell	<p>Cisco IOS XE Everest 16.5.1a</p> <ul style="list-style-type: none"> • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches <p>Cisco IOS XE Everest 16.5.1b</p> <ul style="list-style-type: none"> • Cisco 4000 Series Integrated Services Routers <p>Cisco IOS XE Everest 16.6.2</p> <ul style="list-style-type: none"> • Cisco Catalyst 9400 Series Switches <p>Cisco IOS XE Fuji 16.7.1</p> <ul style="list-style-type: none"> • Cisco ASR 1000 Aggregation Services Routers (ASR1001-X, ASR1001-HX, ASR1002-X, ASR1002-HX) • Cisco Cloud Services Router 1000V Series <p>Cisco IOS XE Fuji 16.8.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 9500-High Performance Series Switches <p>Cisco IOS XE Fuji 16.9.1</p> <ul style="list-style-type: none"> • Cisco 1000 Series Integrated Services Routers <p>Cisco IOS XE Gibraltar 16.11.1b</p> <ul style="list-style-type: none"> • Cisco Catalyst 9800-40 Wireless Controllers • Cisco Catalyst 9800-80 Wireless Controllers <p>Cisco IOS XE Gibraltar 16.12.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 9200 Series Switches <p>Note This feature is not supported on C9200L SKUs.</p> <ul style="list-style-type: none"> • Cisco Catalyst 9300L SKUs • Cisco Catalyst 9600 Series Switches <p>Cisco IOS XE Amsterdam 17.3.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 8200 Series Edge Platforms • Cisco Catalyst 8300 Series Edge Platforms

Feature	Release & Platform
Python 3 Support in Guest Shell	Cisco IOS XE Amsterdam 17.1.1 <ul style="list-style-type: none">• Cisco 1000 Series Integrated Services Routers• Cisco ASR 1000 Aggregation Services Routers (ASR1000-RP1, ASR1000-RP2, ASR1000-RP3, ASR1001-X, ASR1001-HX, ASR1002-X, ASR1002-HX)• Cisco Catalyst 9300 Series Switches• Cisco Catalyst 9400 Series Switches• Cisco Catalyst 9500 Series Switches• Cisco Catalyst 9600 Series Switches• Cisco ISR 4000 Series Integrated Services Routers
NETCONF Access from Guest Shell	Cisco IOS XE Bengaluru 17.6.1 <ul style="list-style-type: none">• Cisco Catalyst 9200 Series Switches• Cisco Catalyst 9300 and 9300L Series Switches• Cisco Catalyst 9400 Series Switches• Cisco Catalyst 9500 and 9500-High Performance Series Switches• Cisco Catalyst 9600 Series Switches

Feature	Release & Platform
Python APIs	<p data-bbox="776 296 1101 321">Cisco IOS XE Everest 16.5.1a</p> <ul data-bbox="813 342 1219 527" style="list-style-type: none"> <li data-bbox="813 342 1219 367">• Cisco Catalyst 3650 Series Switches <li data-bbox="813 390 1219 415">• Cisco Catalyst 3850 Series Switches <li data-bbox="813 438 1219 464">• Cisco Catalyst 9300 Series Switches <li data-bbox="813 487 1219 512">• Cisco Catalyst 9500 Series Switches <p data-bbox="776 558 1101 583">Cisco IOS XE Everest 16.5.1b</p> <ul data-bbox="813 604 1325 630" style="list-style-type: none"> <li data-bbox="813 604 1325 630">• Cisco 4000 Series Integrated Services Routers <p data-bbox="776 667 1089 693">Cisco IOS XE Everest 16.6.2</p> <ul data-bbox="813 714 1219 739" style="list-style-type: none"> <li data-bbox="813 714 1219 739">• Cisco Catalyst 9400 Series Switches <p data-bbox="776 777 1052 802">Cisco IOS XE Fuji 16.7.1</p> <ul data-bbox="813 823 1479 936" style="list-style-type: none"> <li data-bbox="813 823 1479 886">• Cisco ASR 1000 Aggregation Services Routers (ASR1001-X, ASR1001-HX, ASR1002-X, ASR1002-HX) <li data-bbox="813 909 1289 934">• Cisco Cloud Services Router 1000V Series <p data-bbox="776 974 1065 999">Cisco IOS XE Fuji 16.8.1a</p> <ul data-bbox="813 1020 1425 1045" style="list-style-type: none"> <li data-bbox="813 1020 1425 1045">• Cisco Catalyst 9500-High Performance Series Switches

Feature	Release & Platform
Python CLI Module	<p>Cisco IOS XE Everest 16.5.1a</p> <ul style="list-style-type: none"> • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches <p>Cisco IOS XE Everest 16.5.1b</p> <ul style="list-style-type: none"> • Cisco 4000 Series Integrated Services Routers <p>Cisco IOS XE Everest 16.6.2</p> <ul style="list-style-type: none"> • Cisco Catalyst 9400 Series Switches <p>Cisco IOS XE Fuji 16.7.1</p> <ul style="list-style-type: none"> • Cisco ASR 1000 Aggregation Services Routers (ASR1001-X, ASR1001-HX, ASR1002-X, ASR1002-HX) • Cisco Cloud Services Router 1000V Series <p>Cisco IOS XE Fuji 16.8.1</p> <ul style="list-style-type: none"> • Cisco 4000 Series Integrated Services Router models with a minimum of 4 GB RAM. • Cisco ASR 1000 Series Aggregation Services Routers (ASR1004, ASR1006, ASR1006-X, ASR1009-X, ASR1013) <p>Cisco IOS XE Fuji 16.8.1a</p> <ul style="list-style-type: none"> • Cisco Catalyst 9500-High Performance Series Switches

Feature	Release & Platform
EEM Python Module	<p>Cisco IOS XE Everest 16.5.1a</p> <ul style="list-style-type: none"> • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches <p>Cisco IOS XE Everest 16.5.1b</p> <ul style="list-style-type: none"> • Cisco 4000 Series Integrated Services Routers <p>Cisco IOS XE Everest 16.6.2.</p> <ul style="list-style-type: none"> • Cisco Catalyst 9400 Series Switches <p>Cisco IOS XE Fuji 16.7.1</p> <ul style="list-style-type: none"> • Cisco ASR 1000 Aggregation Services Routers (ASR1001-X, ASR1001-HX, ASR1002-X, ASR1002-HX) • Cisco Cloud Services Router 1000V Series <p>Cisco IOS XE Fuji 16.8.1a</p> <ul style="list-style-type: none"> • Cisco Catalyst 9500-High Performance Series Switches
Model-Driven Programmability	

Feature	Release & Platform
NETCONF Protocol	<p>Cisco IOS XE Denali 16.3.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco 4000 Series Integrated Services Routers <p>Cisco IOS XE Everest 16.5.1a</p> <ul style="list-style-type: none"> • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches <p>Cisco IOS XE Everest 16.6.2</p> <ul style="list-style-type: none"> • Cisco Catalyst 9400 Series Switches <p>Cisco IOS XE Fuji 16.7.1</p> <ul style="list-style-type: none"> • Cisco ASR 900 Series Aggregation Services Routers • Cisco Network Convergence System 4200 Series <p>Cisco IOS XE Fuji 16.9.2</p> <ul style="list-style-type: none"> • Cisco Catalyst 9200 Series Switches <p>Cisco IOS XE Gibraltar 16.10.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 9800 Series Wireless Controllers • Cisco Network Convergence System 520 Series • Cisco IR1101 Integrated Services Router Rugged <p>Cisco IOS XE Gibraltar 16.11.1</p> <ul style="list-style-type: none"> • Cisco Catalyst IE 3200, 3300, 3400 Rugged Series • Cisco Embedded Service 3300 Series Switches

Feature	Release & Platform
NETCONF and RESTCONF IPv6 Support	<p data-bbox="776 289 1068 319">Cisco IOS XE Fuji 16.8.1a</p> <ul data-bbox="813 338 1406 831" style="list-style-type: none"> <li data-bbox="813 338 1321 367">• Cisco 4000 Series Integrated Services Routers <li data-bbox="813 390 1406 417">• Cisco ASR 1000 Series Aggregation Services Routers <li data-bbox="813 441 1393 470">• Cisco ASR 900 Series Aggregation Services Routers <li data-bbox="813 493 1219 522">• Cisco Catalyst 3650 Series Switches <li data-bbox="813 546 1219 575">• Cisco Catalyst 3850 Series Switches <li data-bbox="813 598 1219 627">• Cisco Catalyst 9300 Series Switches <li data-bbox="813 651 1219 680">• Cisco Catalyst 9400 Series Switches <li data-bbox="813 703 1219 732">• Cisco Catalyst 9500 Series Switches <li data-bbox="813 756 1292 785">• Cisco cBR-8 Converged Broadband Router <li data-bbox="813 808 1289 837">• Cisco Cloud Services Router 1000V Series <p data-bbox="776 867 1117 896">Cisco IOS XE Gibraltar 16.11.1</p> <ul data-bbox="813 915 1422 945" style="list-style-type: none"> <li data-bbox="813 915 1422 945">• Cisco Catalyst 9500-High Performance Series Switches
NETCONF Global Lock and Kill Session	<p data-bbox="776 987 1068 1016">Cisco IOS XE Fuji 16.8.1a</p> <ul data-bbox="813 1035 1406 1581" style="list-style-type: none"> <li data-bbox="813 1035 1321 1064">• Cisco 1100 Series Integrated Services Routers <li data-bbox="813 1087 1321 1117">• Cisco 4000 Series Integrated Services Routers <li data-bbox="813 1140 1406 1169">• Cisco ASR 1000 Series Aggregation Services Routers <li data-bbox="813 1192 1393 1222">• Cisco ASR 900 Series Aggregation Services Routers <li data-bbox="813 1245 1219 1274">• Cisco Catalyst 3650 Series Switches <li data-bbox="813 1297 1219 1327">• Cisco Catalyst 3850 Series Switches <li data-bbox="813 1350 1219 1379">• Cisco Catalyst 9300 Series Switches <li data-bbox="813 1402 1219 1432">• Cisco Catalyst 9400 Series Switches <li data-bbox="813 1455 1219 1484">• Cisco Catalyst 9500 Series Switches <li data-bbox="813 1507 1292 1537">• Cisco cBR-8 Converged Broadband Router <li data-bbox="813 1560 1289 1589">• Cisco Cloud Services Router 1000v Series

Feature	Release & Platform
NETCONF-YANG SSH Server Support	<p data-bbox="816 291 1156 321">Cisco IOS XE Gibraltar 16.12.1</p> <ul data-bbox="850 338 1433 1192" style="list-style-type: none"><li data-bbox="850 338 1360 367">• Cisco 1000 Series Integrated Services Routers<li data-bbox="850 390 1360 420">• Cisco 4000 Series Integrated Services Routers<li data-bbox="850 443 1433 472">• Cisco ASR 900 Series Aggregation Services Routers<li data-bbox="850 495 1433 525">• Cisco ASR 920 Series Aggregation Services Routers<li data-bbox="850 548 1373 577">• Cisco ASR 1000 Aggregation Services Routers<li data-bbox="850 600 1256 630">• Cisco Catalyst 3650 Series Switches<li data-bbox="850 653 1256 682">• Cisco Catalyst 3850 Series Switches<li data-bbox="850 705 1256 735">• Cisco Catalyst 9200 Series Switches<li data-bbox="850 758 1256 787">• Cisco Catalyst 9300 Series Switches<li data-bbox="850 810 1256 840">• Cisco Catalyst 9400 Series Switches<li data-bbox="850 863 1256 892">• Cisco Catalyst 9500 Series Switches<li data-bbox="850 915 1256 945">• Cisco Catalyst 9600 Series Switches<li data-bbox="850 968 1382 997">• Cisco Catalyst 9800 Series Wireless Controllers<li data-bbox="850 1020 1333 1050">• Cisco cBR-8 Converged Broadband Router<li data-bbox="850 1073 1328 1102">• Cisco Cloud Services Router 1000V Series<li data-bbox="850 1125 1382 1155">• Cisco Network Convergence System 520 Series<li data-bbox="850 1178 1393 1207">• Cisco Network Convergence System 4200 Series

Feature	Release & Platform
Named Method List	Cisco IOS XE Cupertino 17.9.1 <ul style="list-style-type: none"> • Cisco 1000 Series Integrated Services Routers • Cisco 4000 Series Integrated Services Routers • Cisco ASR 900 Series Aggregation Services Routers • Cisco ASR 920 Series Aggregation Services Routers • Cisco ASR 1000 Aggregation Services Routers • Cisco Catalyst 8200 Series Edge Platforms • Cisco Catalyst 8300 Series Edge Platforms • Cisco Catalyst 8500 Series and 8500L Series Edge Platforms • Cisco Catalyst 9200 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 Series Switches • Cisco Catalyst 9600 Series Switches • Cisco Catalyst 9800 Series Wireless Controllers • Cisco Cloud Services Router 1000V Series • Cisco Network Convergence System 520 Series • Cisco Network Convergence System 4200 Series
Side-Effect Synchronization of the Configuration Database	Cisco IOS XE Bengaluru 17.4.1 <ul style="list-style-type: none"> • Cisco ASR 1000 Series Aggregated Services Routers • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 Series Switches • Cisco Catalyst 9600 Series Switches

Feature	Release & Platform
YANG Model Version 1.1	<p data-bbox="816 291 1154 321">Cisco IOS XE Cupertino 17.7.1</p> <ul data-bbox="850 338 1466 1178" style="list-style-type: none"><li data-bbox="850 338 1360 367">• Cisco 1000 Series Integrated Services Routers<li data-bbox="850 390 1360 420">• Cisco 4000 Series Integrated Services Routers<li data-bbox="850 443 1360 472">• Cisco ASR 900 Aggregation Services Routers<li data-bbox="850 495 1360 525">• Cisco ASR 920 Aggregation Services Routers<li data-bbox="850 548 1373 577">• Cisco ASR 1000 Aggregation Services Routers<li data-bbox="850 600 1378 630">• Cisco Catalyst 9200 and 9200L Series Switches<li data-bbox="850 653 1378 682">• Cisco Catalyst 9300 and 9300L Series Switches<li data-bbox="850 705 1256 735">• Cisco Catalyst 9400 Series Switches<li data-bbox="850 758 1466 816">• Cisco Catalyst 9500 and 9500-High Performance Series Switches<li data-bbox="850 840 1256 869">• Cisco Catalyst 9600 Series Switches<li data-bbox="850 892 1341 921">• Cisco Catalyst 9800-40 Wireless Controllers<li data-bbox="850 945 1341 974">• Cisco Catalyst 9800-80 Wireless Controllers<li data-bbox="850 997 1330 1026">• Cisco cBR-8 Converged Broadband Router<li data-bbox="850 1050 1325 1079">• Cisco Cloud Services Router 1000V Series<li data-bbox="850 1102 1378 1131">• Cisco Network Convergence System 520 Series<li data-bbox="850 1155 1390 1184">• Cisco Network Convergence System 4200 Series

Feature	Release & Platform
Upgrade YANG Models to YANG 1.1	Cisco IOS XE Dublin 17.10.1 <ul style="list-style-type: none"> • Cisco 1000 Series Integrated Services Routers • Cisco 4000 Series Integrated Services Routers • Cisco ASR 900 Aggregation Services Routers • Cisco ASR 920 Aggregation Services Routers • Cisco ASR 1000 Aggregation Services Routers • Cisco Catalyst 9200 and 9200L Series Switches • Cisco Catalyst 9300 and 9300L Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 and 9500-High Performance Series Switches • Cisco Catalyst 9600 Series Switches • Cisco Catalyst 9800-40 Wireless Controllers • Cisco Catalyst 9800-80 Wireless Controllers • Cisco cBR-8 Converged Broadband Router • Cisco Cloud Services Router 1000V Series • Cisco Network Convergence System 520 Series • Cisco Network Convergence System 4200 Series
Converting IOS Commands to XML	Cisco IOS XE Cupertino 17.7.1 <ul style="list-style-type: none"> • This feature is supported on all platforms that support NETCONF-YANG.

Feature	Release & Platform
RESTCONF Protocol	<p data-bbox="818 289 1127 321">Cisco IOS XE Everest 16.6.1</p> <ul data-bbox="850 338 1373 470" style="list-style-type: none"> • Cisco 4000 Series Integrated Services Router • Cisco ASR 1000 Aggregation Services Routers • Cisco Cloud Services Router 1000V Series <p data-bbox="818 506 1105 537">Cisco IOS XE Fuji 16.8.1a</p> <ul data-bbox="850 554 1463 1079" style="list-style-type: none"> • Cisco 1000 Series Integrated Services Routers • Cisco ASR 900 Series Aggregation Services Routers • Cisco ASR 920 Series Aggregation Services Router • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 and 9500-High Performance Series Switches • Cisco cBR-8 Converged Broadband Router • Cisco Network Convergence System 4200 Series <p data-bbox="818 1115 1094 1146">Cisco IOS XE Fuji 16.9.2</p> <ul data-bbox="850 1163 1256 1194" style="list-style-type: none"> • Cisco Catalyst 9200 Series Switches <p data-bbox="818 1230 1154 1262">Cisco IOS XE Gibraltar 16.11.1</p> <ul data-bbox="850 1278 1451 1514" style="list-style-type: none"> • Cisco Catalyst 9600 Series Switches • Cisco Catalyst 9800-CL Wireless Controller for Cloud • Cisco Catalyst 9800-40 Wireless Controllers • Cisco Catalyst 9800-80 Wireless Controllers • Cisco Network Convergence System 520 Series <p data-bbox="818 1549 1154 1581">Cisco IOS XE Gibraltar 16.12.1</p> <ul data-bbox="850 1598 1333 1629" style="list-style-type: none"> • Cisco Catalyst 9800-L Wireless Controllers <p data-bbox="818 1665 1170 1696">Cisco IOS XE Amsterdam 17.3.1</p> <ul data-bbox="850 1713 1325 1787" style="list-style-type: none"> • Cisco Catalyst 8200 Series Edge Platforms • Cisco Catalyst 8300 Series Edge Platforms

Feature	Release & Platform
RESTCONF YANG-Patch Support	<p data-bbox="776 289 1133 321">Cisco IOS XE Amsterdam 17.1.1</p> <ul style="list-style-type: none"> <li data-bbox="813 338 1325 369">• Cisco 1000 Series Integrated Services Routers <li data-bbox="813 388 1325 420">• Cisco 4000 Series Integrated Services Routers <li data-bbox="813 438 1393 470">• Cisco ASR 900 Series Aggregation Services Routers <li data-bbox="813 489 1479 583">• Cisco ASR 1000 Aggregation Services Routers (ASR1000-RP2, ASR1000-RP3, ASR1001-HX, ASR1001-X, ASR1002-HX, ASR1002-X) <li data-bbox="813 602 1219 634">• Cisco Catalyst 9200 Series Switches <li data-bbox="813 653 1219 684">• Cisco Catalyst 9300 Series Switches <li data-bbox="813 703 1219 735">• Cisco Catalyst 9400 Series Switches <li data-bbox="813 753 1219 785">• Cisco Catalyst 9500 Series Switches <li data-bbox="813 804 1292 835">• Cisco cBR-8 Converged Broadband Router <li data-bbox="813 854 1289 886">• Cisco Cloud Services Router 1000V Series <li data-bbox="813 905 1230 936">• Cisco Catalyst IE3200 Rugged Series <li data-bbox="813 955 1230 987">• Cisco Catalyst IE3300 Rugged Series <li data-bbox="813 1005 1230 1037">• Cisco Catalyst IE3400 Rugged Series <li data-bbox="813 1056 1354 1087">• Cisco IR1101 Integrated Services Router Rugged <li data-bbox="813 1106 1341 1138">• Cisco Network Convergence System 520 Series <li data-bbox="813 1157 1354 1188">• Cisco Network Convergence System 4200 Series

Feature	Release & Platform
NETCONF and RESTCONF Service-Level ACLs	Cisco IOS XE Gibraltar 16.11.1 <ul style="list-style-type: none">• Cisco ASR 900 Series Aggregation Services Routers• Cisco ASR 920 Series Aggregated Services Routers• Cisco Catalyst 3650 Series Switches• Cisco Catalyst 3850 Series Switches• Cisco Catalyst 9200 Series Switches• Cisco Catalyst 9300 Series Switches• Cisco Catalyst 9400 Series Switches• Cisco Catalyst 9500 Series Switches• Cisco Catalyst IE3200 Rugged Series• Cisco Catalyst IE3300 Rugged Series• Cisco Catalyst IE3400 Rugged Series• Cisco Embedded Services 3300 Series Switches• Cisco IR1101 Integrated Services Router Rugged• Cisco Network Convergence System 4200 Series• Cisco Network Convergence System 520 Series

Feature	Release & Platform
gNMI Protocol	<p data-bbox="776 289 1065 319">Cisco IOS XE Fuji 16.8.1a</p> <ul data-bbox="813 338 1219 470" style="list-style-type: none"> <li data-bbox="813 338 1219 367">• Cisco Catalyst 9300 Series Switches <li data-bbox="813 386 1219 415">• Cisco Catalyst 9400 Series Switches <li data-bbox="813 434 1219 464">• Cisco Catalyst 9500 Series Switches <p data-bbox="776 506 1117 535">Cisco IOS XE Gibraltar 16.10.1</p> <ul data-bbox="813 554 1422 583" style="list-style-type: none"> <li data-bbox="813 554 1422 583">• Cisco Catalyst 9500-High Performance Series Switches <p data-bbox="776 617 1117 646">Cisco IOS XE Gibraltar 16.11.1</p> <ul data-bbox="813 665 1219 695" style="list-style-type: none"> <li data-bbox="813 665 1219 695">• Cisco Catalyst 9600 Series Switches <p data-bbox="776 728 1117 758">Cisco IOS XE Gibraltar 16.12.1</p> <ul data-bbox="813 777 1341 909" style="list-style-type: none"> <li data-bbox="813 777 1341 806">• Cisco Catalyst 9200 and 9200L Series Switches <li data-bbox="813 825 1130 854">• Cisco Catalyst 9300L SKUs <li data-bbox="813 873 1292 903">• Cisco cBR-8 Converged Broadband Router <p data-bbox="776 942 1130 972">Cisco IOS XE Amsterdam 17.1.1</p> <ul data-bbox="813 991 1390 1178" style="list-style-type: none"> <li data-bbox="813 991 1390 1020">• Cisco ASR 900 Series Aggregation Services Routers <li data-bbox="813 1039 1382 1068">• Cisco ASR 920 Series Aggregation Services Router <li data-bbox="813 1087 1341 1117">• Cisco Network Convergence System 520 Series <li data-bbox="813 1136 1349 1165">• Cisco Network Convergence System 4200 Series <p data-bbox="776 1207 1143 1236">Cisco IOS XE Amsterdam 17.2.1r</p> <ul data-bbox="813 1255 1406 1285" style="list-style-type: none"> <li data-bbox="813 1255 1406 1285">• Cisco ASR 1000 Series Aggregation Services Routers <p data-bbox="776 1318 1114 1348">Cisco IOS XE Cupertino 17.8.1</p> <ul data-bbox="813 1367 1406 1709" style="list-style-type: none"> <li data-bbox="813 1367 1325 1396">• Cisco 1000 Series Integrated Services Routers <li data-bbox="813 1415 1325 1444">• Cisco 4000 Series Integrated Services Routers <li data-bbox="813 1463 1284 1493">• Cisco Catalyst 8200 Series Edge Platforms <li data-bbox="813 1512 1284 1541">• Cisco Catalyst 8300 Series Edge Platforms <li data-bbox="813 1560 1406 1589">• Cisco Catalyst 9800-CL Wireless Controller for Cloud <li data-bbox="813 1608 1300 1638">• Cisco Catalyst 9800-40 Wireless Controllers <li data-bbox="813 1656 1300 1686">• Cisco Catalyst 9800-80 Wireless Controllers

Feature	Release & Platform
gNMI IPv6 support	Cisco IOS XE Dublin 17.10.1 <ul style="list-style-type: none"> • Cisco Catalyst 9200, 9200L Series Switches • Cisco Catalyst 9300, 9300L, 9300X Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 and 9500-High Performance Series Switches • Cisco Catalyst 9600 Series Switches
gNMI Username and Password Authentication	Cisco IOS XE Gibraltar 16.12.1 <ul style="list-style-type: none"> • Cisco Catalyst 9200 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 Series Switches • Cisco Catalyst 9600 Series Switches • Cisco Catalyst IE3200 Rugged Series • Cisco Catalyst IE3200 Rugged Series • Cisco Catalyst IE3300 Rugged Series • Cisco Catalyst IE3400 Rugged Series • Cisco Embedded Service 3300 Series Switches
PROTO Encoding	Cisco IOS XE Dublin 17.11.1 <ul style="list-style-type: none"> • Cisco Catalyst 9200, 9200L, and 9200X Series Switches • Cisco Catalyst 9300, 9300L, and 9300X Series Switches • Cisco Catalyst 9400 and 9400X Series Switches • Cisco Catalyst 9500, 9500-High Performance, and 9500X Series Switches • Cisco Catalyst 9600 Series Switches

Feature	Release & Platform
gRPC Network Operations Interface: gNOI Certificate Management & gNOI Bootstrapping with Certificate Service	Cisco IOS XE Amsterdam 17.3.1 <ul style="list-style-type: none"> • Cisco Catalyst 9200 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 Series Switches • Cisco Catalyst 9600 Series Switches
gNOI OS Installation Service	Cisco IOS XE Bengaluru 17.5.1 <ul style="list-style-type: none"> • Cisco Catalyst 9200 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 Series Switches • Cisco Catalyst 9600 Series Switches
gNOI Factory Reset Service	Cisco IOS XE Cupertino 17.7.1 <ul style="list-style-type: none"> • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 and 9500-High Performance Series Switches • Cisco Catalyst 9800-40 Wireless Controllers • Cisco Catalyst 9800-80 Wireless Controllers
gNMI Dial-Out Using the gRPC Tunnel Service	Cisco IOS XE Dublin 17.11.1 <ul style="list-style-type: none"> • Cisco Catalyst 9200, 9200L, and 9200CX Series Switches • Cisco Catalyst 9300, 9300L, and 9300X Series Switches • Cisco Catalyst 9400 and 9400X Series Switches • Cisco Catalyst 9500 and 9500-High Performance Series Switches • Cisco Catalyst 9600 and 9600X Series Switches • Cisco Network Convergence System 4200 Series

Feature	Release & Platform
Model-Based AAA	<p data-bbox="816 289 1089 321">Cisco IOS XE Fuji 16.8.1</p> <ul data-bbox="850 338 1446 678" style="list-style-type: none"><li data-bbox="850 338 1360 369">• Cisco 1000 Series Integrated Services Routers<li data-bbox="850 390 1360 422">• Cisco 4000 Series Integrated Services Routers<li data-bbox="850 443 1446 474">• Cisco ASR 1000 Series Aggregation Services Routers<li data-bbox="850 495 1433 527">• Cisco ASR 900 Series Aggregation Services Routers<li data-bbox="850 548 1433 579">• Cisco ASR 920 Series Aggregation Services Routers<li data-bbox="850 600 1321 632">• Cisco Cloud Services Router 1000v Series<li data-bbox="850 653 1321 684">• Cisco Network Convergence System 4200 <p data-bbox="816 709 1102 741">Cisco IOS XE Fuji 16.8.1a</p> <ul data-bbox="850 758 1256 993" style="list-style-type: none"><li data-bbox="850 758 1256 789">• Cisco Catalyst 3650 Series Switches<li data-bbox="850 810 1256 842">• Cisco Catalyst 3850 Series Switches<li data-bbox="850 863 1256 894">• Cisco Catalyst 9300 Series Switches<li data-bbox="850 915 1256 947">• Cisco Catalyst 9400 Series Switches<li data-bbox="850 968 1256 999">• Cisco Catalyst 9500 Series Switches

Feature	Release & Platform
Model-Driven Telemetry NETCONF Dial-In	

Feature	Release & Platform
	<p>Cisco IOS XE Everest 16.6.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches <p>Cisco IOS XE Everest 16.6.2</p> <ul style="list-style-type: none"> • Cisco Catalyst 9400 Series Switches <p>Cisco IOS XE Fuji 16.7.1</p> <ul style="list-style-type: none"> • Cisco 4000 Series Integrated Services Routers • Cisco ASR 1000 Aggregation Services Routers (ASR1001-HX, ASR1001-X, ASR1002-HX, ASR1002-X) <p>Cisco IOS XE Fuji 16.8.1</p> <ul style="list-style-type: none"> • Cisco 1000 Series Integrated Services Routers • Cisco ASR 1000 RP2 and RP3 Series Aggregation Services Routers <p>Cisco IOS XE Fuji 16.8.1a</p> <ul style="list-style-type: none"> • Cisco Catalyst 9500-High Performance Series Switches <p>Cisco IOS XE Fuji 16.9.1</p> <ul style="list-style-type: none"> • Cisco ASR 900 Series Aggregation Services Routers • Cisco ASR 920 Series Aggregation Services Router • Cisco cBR-8 Converged Broadband Router • Cisco Network Convergence System 4200 Series <p>Cisco IOS XE Fuji 16.9.2</p> <ul style="list-style-type: none"> • Cisco Catalyst 9200 and 9200L Series Switches • Cisco Catalyst 9300L SKUs <p>Cisco IOS XE Gibraltar 16.10.1</p> <ul style="list-style-type: none"> • Cisco Cloud Services Router 1000v • Cisco Network Convergence System 520 Series <p>Cisco IOS XE Gibraltar 16.11.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 9600 Series Switches

Feature	Release & Platform
	Cisco IOS XE Amsterdam 17.3.1 <ul style="list-style-type: none"> • Cisco Catalyst 8200 Series Edge Platforms • Cisco Catalyst 8300 Series Edge Platforms
Model-Driven Telemetry gRPC Dial-out	Cisco IOS XE Gibraltar 16.10.1 <ul style="list-style-type: none"> • Cisco 1000 Series Integrated Services Routers • Cisco 4000 Series Integrated Services Routers • Cisco ASR 1000 Series Aggregation Services Routers • Cisco ASR 900 Series Aggregation Services Routers • Cisco ASR 920 Series Aggregated Services Router • Cisco Catalyst 9200 and 9200L Series Switches • Cisco Catalyst 9300 and 9300L Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 and 9500-High Performance Series Switches • Cisco cBR-8 Converged Broadband Router • Cisco Cloud Services Router 1000V Series • Cisco Network Convergence System 520 Series • Cisco Network Convergence System 4200 Series Cisco IOS XE Gibraltar 16.11.1 <ul style="list-style-type: none"> • Cisco Catalyst 9600 Series Switches Cisco IOS XE Amsterdam 17.3.1 <ul style="list-style-type: none"> • Cisco Catalyst 8200 Series Edge Platforms • Cisco Catalyst 8300 Series Edge Platforms

Feature	Release & Platform
Model-Driven Telemetry gNMI Dial-In	<p data-bbox="816 296 1154 321">Cisco IOS XE Gibraltar 16.12.1</p> <ul data-bbox="850 342 1463 657" style="list-style-type: none"> • Cisco Catalyst 9200 and 9200L Series Switches • Cisco Catalyst 9300 and 9300L Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 and 9500-High Performance Series Switches • Cisco Catalyst 9600 Series Switches • Cisco cBR-8 Converged Broadband Router <p data-bbox="816 695 1170 720">Cisco IOS XE Amsterdam 17.1.1</p> <ul data-bbox="850 741 1430 926" style="list-style-type: none"> • Cisco ASR 900 Series Aggregation Services Routers • Cisco ASR 920 Series Aggregated Services Router • Cisco Network Convergence System 520 Series • Cisco Network Convergence System 4200 Series <p data-bbox="816 963 1170 989">Cisco IOS XE Amsterdam 17.2.1</p> <ul data-bbox="850 1010 1446 1035" style="list-style-type: none"> • Cisco ASR 1000 Series Aggregation Services Routers <p data-bbox="816 1073 1170 1098">Cisco IOS XE Amsterdam 17.3.1</p> <ul data-bbox="850 1119 1446 1144" style="list-style-type: none"> • Cisco ASR 1000 Series Aggregation Services Routers <p data-bbox="816 1182 1154 1207">Cisco IOS XE Cupertino 17.8.1</p> <ul data-bbox="850 1228 1360 1413" style="list-style-type: none"> • Cisco 1000 Series Integrated Services Routers • Cisco 4000 Series Integrated Services Routers • Cisco Catalyst 8200 Series Edge Platforms • Cisco Catalyst 8300 Series Edge Platforms

Feature	Release & Platform
TLS for gRPC Dial-Out	Cisco IOS XE Amsterdam 17.1.1 <ul style="list-style-type: none"> • Cisco 1000 Series Integrated Services Routers • Cisco 4000 Series Integrated Services Routers • Cisco ASR 900 Series Aggregation Services Routers • Cisco ASR 1000 Series Aggregation Services Routers ASR1000-RP1, ASR1000-RP2, ASR1000-RP3, ASR1001-HX, ASR1001-X, ASR1002-HX, ASR1002-X) • Cisco Catalyst 9200 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 and 9500-High Performance Series Switches • Cisco Catalyst 9600 Series Switches • Cisco cBR-8 Converged Broadband Router • Cisco Cloud Services Router 1000V Series • Cisco Catalyst IE3200 Rugged Series • Cisco Catalyst IE3300 Rugged Series • Cisco Catalyst IE3400 Rugged Series • Cisco IR1101 Integrated Services Router Rugged • Cisco Network Convergence System 520 Series • Cisco Network Convergence System 4200 Series
TLDP On-Change Notifications	Cisco IOS XE Amsterdam 17.2.1 <ul style="list-style-type: none"> • Cisco 4000 Series Integrated Services Routers • Cisco Catalyst 9200 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 Series Switches
Subscription Dampening Period for On-Change Telemetry	Cisco IOS XE Dublin 17.11.1 <ul style="list-style-type: none"> • Cisco Catalyst 9800-CL Series Wireless Controller for Cloud • Cisco Catalyst 9800-40 Series Wireless Controller • Cisco Catalyst 9800-80 Series Wireless Controller

Feature	Release & Platform
Kill Telemetry Subscription	<p>Cisco IOS XE Gibraltar 16.11.1</p> <ul style="list-style-type: none"> • Cisco ASR 900 Series Aggregation Services Routers • Cisco ASR 920 Series Aggregated Services Routers • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches • Cisco Catalyst 9200 Series Switches • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 Series Switches • Cisco IR1101 Integrated Services Router Rugged • Cisco Network Convergence System 4200 Series • Cisco Network Convergence System 520 Series <p>Cisco IOS XE Gibraltar 16.11.1a</p> <ul style="list-style-type: none"> • Cisco 1000 Series Integrated Services Routers • Cisco 4000 Series Integrated Services Routers • Cisco ASR 1000 Series Aggregation Services Routers • Cisco ASR 900 Series Aggregation Services Routers • Cisco ASR 920 Series Aggregation Services Routers • Cisco Cloud Services Router 1000V Series
FQDN Support for gRPC Subscriptions	<p>Cisco IOS XE Bengaluru 17.6.1</p> <ul style="list-style-type: none"> • Cisco ASR 900 Series Aggregation Services Routers (RSP2) • Cisco Catalyst 9200 Series Switches • Cisco Catalyst 9800-40 Wireless Controllers • Cisco Catalyst 9800-80 Wireless Controllers
Leaf-Level Filtering	<p>Cisco IOS XE Cupertino 17.7.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 9300 and 9300L Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 and 9500-High Performance Series Switches • Cisco Catalyst 9600 Series Switches

Feature	Release & Platform
Mutual Authentication for gRPC Telemetry	Cisco IOS XE Cupertino 17.9.1 <ul style="list-style-type: none"> • Cisco Catalyst 9800-CL Series Wireless Controller for Cloud • Cisco Catalyst 9800-40 Series Wireless Controller • Cisco Catalyst 9800-80 Series Wireless Controller
Pubd Restartability	Cisco IOS XE Cupertino 17.9.1 <ul style="list-style-type: none"> • Cisco 1000 Series Integrated Services Routers • Cisco 4000 Series Integrated Services Routers • Cisco ASR 1000 Series Aggregation Services Routers • Cisco ASR 900 Series Aggregation Services Routers • Cisco ASR 920 Series Aggregated Services Router • Cisco Catalyst 9200 and 9200L Series Switches • Cisco Catalyst 9300 and 9300L Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 and 9500-High Performance Series Switches • Cisco Catalyst 9600 Series Switches • Cisco Catalyst 9800-CL Series Wireless Controller for Cloud • Cisco Catalyst 9800-40 Series Wireless Controller • Cisco Catalyst 9800-80 Series Wireless Controller • Cisco cBR-8 Converged Broadband Router • Cisco Cloud Services Router 1000V Series • Cisco Network Convergence System 520 Series • Cisco Network Convergence System 4200 Series

Feature	Release & Platform
In-Service Model Updates	<p>Cisco IOS XE Everest 16.5.1a</p> <ul style="list-style-type: none"> • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9500 Series Switches <p>Cisco IOS XE Everest 16.5.1b</p> <ul style="list-style-type: none"> • Cisco 4000 Series Integrated Services Routers <p>Cisco IOS XE Everest 16.6.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 3650 Series Switches • Cisco Catalyst 3850 Series Switches <p>Cisco IOS XE Everest 16.6.2</p> <ul style="list-style-type: none"> • Cisco Catalyst 9400 Series Switches <p>Cisco IOS XE Fuji 16.7.1</p> <ul style="list-style-type: none"> • Cisco ASR 1000 Aggregation Services Routers <p>Cisco IOS XE Fuji 16.8.1a</p> <ul style="list-style-type: none"> • Cisco Catalyst 9500-High Performance Series Switches.
Application Hosting	
Application Hosting	<p>Cisco IOS XE Gibraltar 16.12.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 9300 Series Switches <p>Cisco IOS XE Amsterdam 17.1.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 9400 Series Switches <p>Cisco IOS XE Amsterdam 17.2.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 9500-High Performance Series Switches • Cisco Catalyst 9600 Series Switches <p>Cisco IOS XE Bengaluru 17.5.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 9410 Series Switches <p>Cisco IOS XE Cupertino 17.7.1</p> <ul style="list-style-type: none"> • Cisco Catalyst 9500-X Series Switches

Feature	Release & Platform
Application Hosting: Front-Panel Network Port Access	Cisco IOS XE Gibraltar 16.12.1 <ul style="list-style-type: none"> • Cisco Catalyst 9300 Series Switches Cisco IOS XE Amsterdam 17.1.1 <ul style="list-style-type: none"> • Cisco Catalyst 9400 Series Switches Note Cisco Catalyst 9410R Switch does not support front-panel application-hosting.
Application Hosting: Front-Panel USB Port Access	Cisco IOS XE Gibraltar 16.12.1 <ul style="list-style-type: none"> • Cisco Catalyst 9300 Series Switches Cisco IOS XE Amsterdam 17.1.1 <ul style="list-style-type: none"> • Cisco Catalyst 9400 Series Switches Note Cisco Catalyst 9410R Switch does not support front-panel application-hosting.
Native Docker Container: Application Auto-Restart	Cisco IOS XE Amsterdam 17.2.1 <ul style="list-style-type: none"> • Cisco Catalyst 9300 Series Switches Cisco IOS XE Bengaluru 17.5.1 <ul style="list-style-type: none"> • Cisco Catalyst 9410 Series Switches
Application Hosting: ERSPAN Support on the AppGigabitEthernet Port	Cisco IOS XE Dublin 17.10.1 <ul style="list-style-type: none"> • Cisco Catalyst 9300, 9300L, 9300X Series Switches • Cisco Catalyst 9400 Series Switches
Multicast Routing on the AppGigabitEthernet Port	Cisco IOS XE Dublin 17.11.1 <ul style="list-style-type: none"> • Cisco Catalyst 9300, 9300L, 9300X Series Switches • Cisco Catalyst 9400 and 9400X Series Switches • Cisco Catalyst 9500-High Performance Series Switches • Cisco Catalyst 9600 and 9600X Series Switches

Feature	Release & Platform
Application Hosting: ThousandEyes Integration	Cisco IOS XE Amsterdam 17.3.3 <ul style="list-style-type: none"> • Cisco Catalyst 9300 and 9300L Series Switches Cisco IOS XE Bengaluru 17.5.1 <ul style="list-style-type: none"> • Cisco Catalyst 9400 Series Switches Cisco IOS XE Bengaluru 17.6.1 <ul style="list-style-type: none"> • Cisco Catalyst 9300X Series Switches
ThousandEyes BrowserBot	Cisco IOS XE Bengaluru 17.6.1 <ul style="list-style-type: none"> • Cisco Catalyst 9300, 9300L, and 9300X Series Switches • Cisco Catalyst 9400 Series Switches
OpenFlow	
OpenFlow	Cisco IOS XE Fuji 16.9.1 <ul style="list-style-type: none"> • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 Series Switches and Cisco Catalyst 9500-High Performance Series Switches
OpenFlow Power over Ethernet	Cisco IOS XE Gibraltar 16.12.1 <ul style="list-style-type: none"> • Catalyst 9300 Series Switches • Catalyst 9400 Series Switches
OpenFlow Rewrite Fields	Cisco IOS XE Bengaluru 17.4.1 <ul style="list-style-type: none"> • Cisco Catalyst 9300 Series Switches • Cisco Catalyst 9400 Series Switches • Cisco Catalyst 9500 Series Switches and Cisco Catalyst 9500-High Performance Series Switches
High Availability in OpenFlow Mode	Cisco IOS XE Bengaluru 17.5.1 <ul style="list-style-type: none"> • Cisco Catalyst 9400 Series Switches

