



## New Features in Cisco IOS Release 12.4(24)T

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The following features were introduced in Cisco IOS Release 12.4(24)T. Links to feature documentation are also included.

Feature guides may contain information about more than one feature. To find information about a specific feature within a feature guide, see the Feature Information table at the end of the guide.

Feature guides document features that are supported on many different software releases and platforms. Your Cisco IOS software release or platform may not support all the features documented in a feature guide. See the Feature Information table at the end of the feature guide for information about which features in that guide are supported in your software release. Use Cisco Feature Navigator to find information about platform support and Cisco IOS and Catalyst OS software image support. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.

For the latest feature information and caveats, see the release notes for your platform and software release at the following URL:

[http://www.cisco.com/en/US/products/ps6441/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/ps6441/prod_release_notes_list.html)

See the following sections for a list of features:

- [New Hardware Features Supported in Cisco IOS Release 12.4\(24\)T, page 1](#)
- [New Software Features Supported in Cisco IOS Release 12.4\(24\)T, page 2](#)

### New Hardware Features Supported in Cisco IOS Release 12.4(24)T

#### Cisco 800 Broadband Series Routers

[http://cisco.com/en/US/products/hw/routers/ps380/tsd\\_products\\_support\\_series\\_home.html](http://cisco.com/en/US/products/hw/routers/ps380/tsd_products_support_series_home.html)

#### HWIC-1FE and HWIC-2FE

[http://www.cisco.com/en/US/docs/routers/access/interfaces/ic/hardware/installation/guide/fe\\_hwic.html](http://www.cisco.com/en/US/docs/routers/access/interfaces/ic/hardware/installation/guide/fe_hwic.html)

#### HWIC-1GE-SFP

[http://www.cisco.com/en/US/docs/routers/access/interfaces/ic/hardware/installation/guide/ge\\_hwic.html](http://www.cisco.com/en/US/docs/routers/access/interfaces/ic/hardware/installation/guide/ge_hwic.html)



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**NM-1FE-SMF**

<http://www.cisco.com/en/US/docs/routers/access/interfaces/nm/hardware/installation/guide/ConntEth.html>

**New Software Features Supported in Cisco IOS Release 12.4(24)T****BGP Support for 4-Byte ASN**

[http://www.cisco.com/en/US/docs/ios/iproute/configuration/guide/irp\\_bgp\\_overview.html](http://www.cisco.com/en/US/docs/ios/iproute/configuration/guide/irp_bgp_overview.html)

**Call Home**

[http://www.cisco.com/en/US/docs/routers/7200/configuration/feature\\_guides/callhome\\_7200.html](http://www.cisco.com/en/US/docs/routers/7200/configuration/feature_guides/callhome_7200.html)

**Communications Manager Express 7.1/Survivable Remote Site Telephony 7.1**

[http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cucme/admin/configuration/guide/cmeadm.html](http://www.cisco.com/en/US/docs/voice_ip_comm/cucme/admin/configuration/guide/cmeadm.html)

[http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cusrst/feature/guide/srst71ft.html](http://www.cisco.com/en/US/docs/voice_ip_comm/cusrst/feature/guide/srst71ft.html)

**DHCP—DHCPv6 Individual**

<http://www.cisco.com/en/US/docs/ios/ipv6/configuration/guide/ip6-dhcp.html>

**End of Life of Distributed Director**

[http://www.cisco.com/en/US/docs/ios/netmgmt/configuration/guide/nm\\_dd\\_eol\\_24t.html](http://www.cisco.com/en/US/docs/ios/netmgmt/configuration/guide/nm_dd_eol_24t.html)

**FPG: Endpoint Agnostic Port Allocation**

[http://www.cisco.com/en/US/docs/ios/ipaddr/configuration/guide/iadnat\\_endpointagnostic.html](http://www.cisco.com/en/US/docs/ios/ipaddr/configuration/guide/iadnat_endpointagnostic.html)

**IKE Responder-Only Mode**

[http://www.cisco.com/en/US/docs/ios/security/configuration/guide/sec\\_ike\\_respond\\_only.html](http://www.cisco.com/en/US/docs/ios/security/configuration/guide/sec_ike_respond_only.html)

**Mobile IP—Policy and Application Based Routing for MR Multi-path**

[http://www.cisco.com/en/US/docs/ios/ipmobility/configuration/guide/imo\\_multipath.html](http://www.cisco.com/en/US/docs/ios/ipmobility/configuration/guide/imo_multipath.html)

**Multi-VRF Selection Using Policy Based Routing (PBR)**

[http://www.cisco.com/en/US/docs/ios/mps/configuration/guide/mp\\_mltvrf\\_slct\\_pbr.html](http://www.cisco.com/en/US/docs/ios/mps/configuration/guide/mp_mltvrf_slct_pbr.html)

**PfR—Protocol Independent Route Optimization (PIRO)**

[http://www.cisco.com/en/US/docs/ios/oer/configuration/guide/oer-trf\\_rte\\_ctl.html](http://www.cisco.com/en/US/docs/ios/oer/configuration/guide/oer-trf_rte_ctl.html)

**Secure Neighbor Discovery**

[http://www.cisco.com/en/US/docs/ios/ipv6/configuration/guide/ip6-first\\_hop\\_security.html](http://www.cisco.com/en/US/docs/ios/ipv6/configuration/guide/ip6-first_hop_security.html)

## **SIP—Ability to Send a SIP Registration Message on a Border Element**

[http://www.cisco.com/en/US/docs/ios/voice/cube/configuration/guide/vb\\_book/vb\\_book.html](http://www.cisco.com/en/US/docs/ios/voice/cube/configuration/guide/vb_book/vb_book.html)

## **SIP—RSVP Preconditions for Video Gateway**

[http://www.cisco.com/en/US/docs/ios/voice/sip/configuration/guide/sip\\_cg-rsvp.html](http://www.cisco.com/en/US/docs/ios/voice/sip/configuration/guide/sip_cg-rsvp.html)

## **Voice Gateway Enhancements**

[http://www.cisco.com/en/US/products/ps9890/products\\_installation\\_and\\_configuration\\_guides\\_list.html](http://www.cisco.com/en/US/products/ps9890/products_installation_and_configuration_guides_list.html)

[http://www.cisco.com/en/US/docs/routers/access/as5350xm/software/configuration/guide/12\\_4\\_24T/12\\_4\\_24t\\_book.html](http://www.cisco.com/en/US/docs/routers/access/as5350xm/software/configuration/guide/12_4_24T/12_4_24t_book.html)

## **Web Services Management Agent**

[http://www.cisco.com/en/US/docs/ios/netmgmt/configuration/guide/nm\\_cfg\\_wsma.html](http://www.cisco.com/en/US/docs/ios/netmgmt/configuration/guide/nm_cfg_wsma.html)

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