



# Release Notes for Cisco 800SRST Series Routers with Cisco IOS Release 12.4(20)YA

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**First Released: April 7, 2009**  
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**Cisco IOS Release 12.4(20)YA3**  
**OL-19221-01 First Release**

These release notes describe new features and significant software components for the Cisco 800SRST series routers that support the Cisco IOS Release 12.4(20)YA releases. These release notes are updated as needed. Use these release notes with the [Cross-Platform Release Notes for Cisco IOS Release 12.4T](#) and [About Cisco IOS Release Notes](#).

For a list of the software caveats that apply to the Release 12.4(20)YA releases, see the “[Caveats](#)” section on [page 3](#). See also [Caveats for Cisco IOS Release 12.4T](#). The online caveats document is updated for every maintenance release.

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# System Requirements

This section describes the system requirements for Release 12.4(20)YA and includes the following sections:

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## Memory Requirements

[Table 1](#) lists the memory requirements for the Cisco IOS feature sets supported by Cisco IOS Release 12.4(20)YA on the Cisco 800SRST series routers.

**Table 1** *Memory Requirements for the Cisco 800 Series Routers*

Platform	Image Name	Image	Flash (MB)	DRAM (MB)
Cisco 881SRST, Cisco 886SRST, Cisco 887SRST, Cisco 888SRST	Cisco 880 Series IOS Universal Voice	c880voice-universalk9-mz	256	512

## Hardware Supported

Cisco IOS Release 12.4(20)YA supports the following Cisco 800 series routers:

- Cisco 881SRST
- Cisco 886SRST
- Cisco 887SRST
- Cisco 888SRST

For descriptions of existing hardware features and supported modules, see the hardware installation guides, configuration and command reference guides, and additional documents specific to the Cisco 800SRST series routers, which are available at:

<http://www.cisco.com/en/US/docs/routers/access/800/860-880-890/hardware/installation/guide/860-880-890HIG.html>

<http://www.cisco.com/en/US/docs/routers/access/800/860-880-890/software/configuration/guide/860-880-890SCG.html>

## Determining the Software Version

To determine the version of Cisco IOS software currently running on your Cisco 800SRST series router, see *About Cisco IOS Release Notes* located at

[http://www.cisco.com/en/US/docs/ios/12\\_4/12\\_4x/12\\_4xy15/ReleaseNote.html](http://www.cisco.com/en/US/docs/ios/12_4/12_4x/12_4xy15/ReleaseNote.html)

## Upgrading to a New Software Release

For general information about upgrading to a new software release, see *About Cisco IOS Release Notes* located at [http://www.cisco.com/en/US/docs/ios/12\\_4/12\\_4x/12\\_4xy15/ReleaseNote.html](http://www.cisco.com/en/US/docs/ios/12_4/12_4x/12_4xy15/ReleaseNote.html).

## Feature Set Tables

For information about Feature Set Tables, see *About Cisco IOS Release Notes* located at [http://www.cisco.com/en/US/docs/ios/12\\_4/12\\_4x/12\\_4xy15/ReleaseNote.html](http://www.cisco.com/en/US/docs/ios/12_4/12_4x/12_4xy15/ReleaseNote.html).

## New and Changed Information

This section contains the following information:

- [New Hardware Features in Cisco IOS Release 12.4\(20\)YA3, page 3](#)
- [New Software Features in Cisco IOS Release 12.4\(20\)YA3, page 3](#)

## New Hardware Features in Cisco IOS Release 12.4(20)YA3

There are no new hardware features in this release.

## New Software Features in Cisco IOS Release 12.4(20)YA3

There are no new software features in this release.

## New Features in Release 12.4T

For information regarding the features supported in Cisco IOS Release 12.4T, see the *Release Notes* and *Feature Guides* links at:

[http://www.cisco.com/en/US/products/ps6441/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps6441/tsd_products_support_series_home.html)

## Caveats

For general information on caveats and the bug toolkit, see *About Cisco IOS Release Notes* located at [http://www.cisco.com/en/US/docs/ios/12\\_4/12\\_4x/12\\_4xy15/ReleaseNote.html](http://www.cisco.com/en/US/docs/ios/12_4/12_4x/12_4xy15/ReleaseNote.html).

This section contains the following caveat information:

- [Open Caveats - Cisco IOS Release 12.4\(20\)YA3, page 4](#)
- [Resolved Caveats - Cisco IOS Release 12.4\(20\)YA3, page 4](#)

## Open Caveats - Cisco IOS Release 12.4(20)YA3

There are no open caveats in this release.

## Resolved Caveats - Cisco IOS Release 12.4(20)YA3

CSCsu84868 c3845: Error mesg %SYS-2-BADSHARE: Bad refcount in datagram\_done.

**Symptom** Cisco 3845 experiences traceback error:

```
Aug 14 12:34:55.960: %SYS-2-BADSHARE: Bad refcount in datagram_done, ptr=7006C010,
count=0, -Traceback= 0x61816650 0x60641BD0 0x60C27A80 Aug 17 16:51:45.739:
%SYS-2-BADSHARE: Bad refcount in datagram_done, ptr=705985A4, count=0, -Traceback=
0x61816650 0x60641BD0 0x60C27A80
```

**Conditions** The error message occurs on a router running the c3845-adventerprisek9\_ivs\_li-mz.124-15.T5 image.

**Workaround** None.

CSCsy22826 VG224 sending incorrect ssType in 1+ node CUCM cluster.

**Symptom** VG224 endpoint does not connect to callback destination, once the callback destination is idle.

**Conditions** Multi node cluster and VG224 endpoint is registered with node other than the first node in the cluster.

**Workaround** Have VG224 endpoints registered with first node.

**Further Problem Description:** The activation of the callback is successful. What fails is when the callback destination becomes idle again and the VG224 endpoint gets notified (ring). After the VG224 endpoint goes offhook, the system should automatically connect to the Callback destination. This does not happen and VG224 endpoint gets silence.

## Additional References

Use this release note with the documents and websites in this release note and the documents listed in the following sections:

- [Release-Specific Documents](#)
- [Platform-Specific Documents](#)

## Release-Specific Documents

The following documents are specific to Release 12.4 and apply to Release 12.4(15)XZ:

- [Cross-Platform Release Notes for Cisco IOS Release 12.4T](#)
- [Cisco IOS Software Releases 12.4 Special and Early Deployments](#)
- [Caveats for Cisco IOS Release 12.4\(20\)T](#)

## Platform-Specific Documents

Hardware installation guides, configuration and command reference guides, and additional documents specific to the Cisco 800SRST series routers are available at:

<http://www.cisco.com/en/US/docs/routers/access/800/860-880-890/hardware/installation/guide/860-880-890HIG.html>

<http://www.cisco.com/en/US/docs/routers/access/800/860-880-890/software/configuration/guide/860-880-890SCG.html>

## Cisco IOS Software Documentation Set

The Cisco IOS software documentation set consists of the Cisco IOS configuration guides, Cisco IOS command references, and several other supporting documents.

### Documentation Modules

Each module in the Cisco IOS documentation set consists of one or more configuration guides and one or more corresponding command references. Chapters in a configuration guide describe protocols, configuration tasks, and Cisco IOS software functionality, and contain comprehensive configuration examples. Chapters in a command reference provide complete command syntax information. Use each configuration guide with its corresponding command reference. *Cisco IOS Software Documentation* is available in html or pdf form.

Select your release and click the command references, configuration guides, or any other Cisco IOS documentation you need.

## Notices

See the “Notices” section in *About Cisco IOS Release Notes* located at:  
[http://www.cisco.com/en/US/docs/ios/12\\_4/12\\_4x/12\\_4xy15/ReleaseNote.html](http://www.cisco.com/en/US/docs/ios/12_4/12_4x/12_4xy15/ReleaseNote.html).

Use this document in conjunction with the documents listed in the [“Additional References”](#) section.

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