



Release Notes for Cisco CDS Video Navigator 2.2

Revised: March 21, 2011 OL-22180-01

Contents

These release notes contain the following sections:

- [Introduction, page 1](#)
- [System Requirements, page 3](#)
- [Upgrading from a Previous Release, page 3](#)
- [Limitations and Restrictions, page 3](#)
- [Open Caveats, page 4](#)
- [Resolved Caveats, page 4](#)
- [Notices, page 5](#)
- [Related Documentation, page 5](#)
- [Obtaining Documentation and Submitting a Service Request, page 5](#)

Introduction

With Release 2.2, the following components are supported and are introduced below:

- [Cisco CDS Video Navigator](#)
- [Cisco CDS Poster Art Server](#)
- [Cisco “Z”-Series STBs](#)
- [Cisco Content Storage Interface API](#)



Note

For details, see the *Cisco CDS Video Navigator 2.2 User Guide*.



Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

© 2011 Cisco Systems, Inc. All rights reserved.

Cisco CDS Video Navigator

Cisco Content Delivery System (CDS) Video Navigator, Release 2.2, is a navigation application server that provides information about available video on demand (VOD) content to the on-demand client application running on the set-top box (STB).

**Note**

This release was tested with Cisco CDS-TV Release 2.3.

This release was also tested with the EventIS Prodis/Traxis video backoffice (VBO) applications. Beginning with this release, exclusive support is provided for the Cisco Real Time Streaming Protocol (RTSP) model to communicate with streaming media servers, establishing and controlling media sessions between end points. RTSP enables support for both IP and cable STBs.

For implementations that require the Interactive Services Architecture (ISA) protocol, Cisco CDS Video Navigator, Release 2.1, is required.

CDS Video Navigator retrieves the metadata describing VoD services and offerings, along with subscriber rental history, from the VBO. Because the VBO is not designed to support real-time queries from thousands of STBs simultaneously, Video Navigator caches the metadata and presents the information to the on-demand client on the STB. The client uses the metadata and subscriber data to determine which VOD content to display for the subscriber.

Video Navigator is located between the VBO and the STB client. The Video Navigator environment includes the following two major software components:

- CDS Video Navigator on the CDE110—The Video Navigator application on the Cisco Content Delivery Engine 110 (CDE110); Video Navigator responds to client requests that are made as the subscriber navigates the VOD menu.
- CDS Video Navigator Client—The on-demand application on the Cisco STB; this client requests metadata information from Video Navigator and displays the VOD catalog to the subscriber.

Cisco CDS Video Navigator, Release 2.2, supports the following components:

- Video backoffice—On-demand application server with web services extensions.
- Cisco “Z”-series STBs—Cisco IP STBs that use middleware to manipulate digital media and a browser. This series supports the RTSP specification used in Cisco CDS-TV Release 2.3, as well as the Cisco Poster Art Server specification.

Cisco CDS Poster Art Server

Cisco CDS Poster Art Server is an application server that stores and provides poster art to the on-demand client application running on an STB. It is preinstalled with Video Navigator on the CDE110. Poster Art Server also provides an interface to allow third-party applications to access all posters.

Cisco “Z”-Series STBs

CDS Video Navigator works with the following Cisco STBs:

- Z3375
- Z4398
- Z8398

Cisco Content Storage Interface API

Cisco Video Navigator 2.2 supports the development environment provided by the Cisco Content Storage Interface (CSI) application programming interface (API). Cisco CSI defines XML-based APIs for the interactions between a CDS component (such as Video Navigator and Poster Art Server) and the VBO for the management and ingestion of video assets. For Video Navigator, the assets are catalog items; for Poster Art Server, the assets are poster art.

System Requirements

For Cisco Video Navigator 2.2, the following system requirements apply:

- Video Navigator and Poster Art Server ship preinstalled on the Cisco CDE110-2.

For information about the Cisco Content Delivery Engine 110, see the *Cisco Content Delivery Engine 110 Hardware Installation Guide* at the following URL:

http://www.cisco.com/en/US/docs/video/cds/cde/cde110/installation/guide/cde110_install.html

- Should it be necessary for any reason to reinstall the required image, please work with the Cisco Account Team and business unit (BU) contacts to get access to the image URL

Upgrading from a Previous Release

To upgrade from a previous release, contact your Cisco account team.

Limitations and Restrictions

For Video Navigator 2.2, the following limitations and restrictions apply:

- Modifying the GUI characteristics (HTML templates) of the VoD catalog is not supported.
- Configuration of Video Navigator is limited to specifying the IP address of the VBO server and, optionally, changing the logging level.

Open Caveats

This release has the following open caveat:

- CSCtn95455

Symptom: The Video Navigator may hang and display an “Operation on the asset is currently in progress” message when an input asset details file contains no data about the movie asset.

Condition: This occurs when the VBO sends the Video Navigator an input asset details file which contains no data about the movie asset.

Workaround: To recover, do the following:

1. Stop the Video Navigator.
2. Stop the database.
3. Remove the database.
4. Start the database.
5. Start the Video Navigator.

Catalog browsing will incur an outage while these steps are being performed.

Resolved Caveats

The following caveats have been resolved since Cisco CDS Video Navigator, Release 2.1. Not all the resolved issues are mentioned here. The following list highlights the resolved caveats associated with customer deployment scenarios.

- CSCth15216

Symptom: Preview assets are displayed in the search results.

Condition: The preview assets are displayed because they have metadata that meet the search criteria.

- CSCth21603

Symptom: When a GetAssetDetail API call is made to the Video Navigator, the Video Navigator returns preview ServiceTypes that are not linked to the asset specified in the API call. For example, only movie1 is requested in the GetAssetDetail API. However, preview assets for movie1 are returned along with preview ServiceTypes for movie2.

Condition: The Video Navigator returns all preview ServiceTypes of all assets that are available in common products.

- CSCtn07410

Symptom: An operator may not be able to propagate an update catalog because the Video Navigator is still cleaning up temporary files from the last ingest. The Video Navigator hangs while cleaning up the temporary files. The operator receives the following error message:

```
[2011-01-31 13:28:43,823][DEBUG][CSIActionSkeleton] - Response message:
<ErrorResponse xmlns="com.cisco.csi">
  <error code="ExistingOperationInProgress" reason="Operation on the asset is currently
in progress."/>
</ErrorResponse>
```

Condition: The Video Navigator is unable to clean up temporary files in the directory home/isa/MIDAS/catalog/staging.

- CSCtj61173

Symptom: As the size of the catalog increases at the customer site, more propagation events fail during an update catalog. The algorithm used for retrieving the catalog may result in partial catalog files being downloaded.

Condition: The issue occurs when large files are provided in chunks by the server for transfer.

Notices

The document *Release Notes for Cisco CDS Video Navigator 2.2* contains licenses and related license information for open-source software included in Video Navigator, Releases 2.2. The document is located at the following url:

http://www.cisco.com/en/US/products/ps7127/products_licensing_information_listing.html

If you have any questions or problems accessing the link, please contact:

spvtg-external-opensource-requests@cisco.com.

Related Documentation

Refer to the following documents for additional information about Cisco CDS Video Navigator and the Cisco CDE110 appliance:

- *Cisco CDS Video Navigator 2.2 User Guide*
http://www.cisco.com/en/US/docs/video/cds/cda/vn/2_2/user_guide/vn_guide2_2.html
- *Cisco Content Delivery Engine 110 Hardware Installation Guide*
http://www.cisco.com/en/US/docs/video/cds/cde/cde110/installation/guide/cde110_install.html
- *Regulatory Compliance and Safety Information for the Cisco Content Delivery Engine 110*
http://www.cisco.com/en/US/docs/video/cds/cde/regulatory/compliance/cde110_rcsi.pdf
- *Open Source Used in CDS VN 2.2*
http://www.cisco.com/en/US/products/ps7127/products_licensing_information_listing.html
- The entire Cisco Content Delivery System documentation suite
http://www.cisco.com/en/US/products/ps7191/Products_Sub_Category_Home.html

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at the following URL:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop by means of a reader application. The RSS feeds are a free service. (Cisco currently supports RSS version 2.0.)

This document is to be used in conjunction with the documents listed in the “[Related Documentation](#)” section.

Cisco and the Cisco Logo are trademarks of Cisco Systems, Inc. and/or its affiliates in the U.S. and other countries. A listing of Cisco's trademarks can be found at www.cisco.com/go/trademarks. Third party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1005R)

© 2008–2011 Cisco Systems, Inc. All rights reserved.