



Content Server VM with BE6K

Introduction

Cisco Business Edition 6000 (BE6K) is a packaged solution optimized for medium-sized business requirements. It offers the mid-size business reduced the cost through server consolidation, operational efficiency, and scalability.

This chapter describes the main features, system requirements, setup, and management of the BE6K solution. Configuration of BE6K is performed on the Management tab. You must have the role of site manager or system administrator to see the Management tab.

Content Server VM with BE6K Features:

These are the supported media format:

- MPEG-4 for playback using Quick Time.
- MPEG-4 for playback using Flash Player.

These features are supported in Content Server Release 6.2:

- One Live Streaming recording in FLASH or QT with output sizes as small, medium or large using External Streaming Server.
- One On-Demand recording in FLASH or QT with output sizes as small, medium or large using Internet Information Server (IIS) as well as External Media Server.
- HD video.

These features are not supported:

- In-Box streaming
- WMV format
- Content Server Cluster

For installing the Virtual Content Server on BE6K, refer [Cisco TelePresence Content Server VM Installation Guide](#).

For the information regarding licensing, refer [Cisco TelePresence Content Server Licensing Information](#)

[Virtual Content Server on BE6K Features](#)

UI changes on Content Server for BE6K solution

Management Tab

Following are the pages updated for BE6K solution:

1. Management Tab > Server Overview > Current Calls

Only two Concurrent calls are supported for BE6K solution.

Figure 3-1 Server Overview

The screenshot displays the 'Server overview' page in the Cisco TelePresence Content Server Management interface. The page is organized into several sections:

- Content Server status:** Shows 'Server mode' as Online, 'Content Engine status' as active (green checkmark), 'Current calls' as 0, and 'Transcode Engine status' as active (green checkmark) with 'Currently transcoding' set to No.
- Content Server information:** Lists IP Address, Device serial number, Software version (Cisco TelePresence Content Server v5.2 Build 3546), and Installed option keys.
- Server disk space:** A table showing disk usage for C: and E: drives.

Path	Total disk space	Free disk space	Percentage free
C:	22.8 GB	7.48 GB	33%
E:	107 GB	46.1 GB	43%
- Database location:** Shows 'Database data source' as Local Content Server and 'Database name' as TCSDbV3.
- Media storage location:** Shows 'Media storage location' as Local Content Server, with a note to log in via remote desktop to run the TCS Wizard.
- Software option:** Includes an 'Add option key' field and a 'Restart service' button.


2. Management Tab > Manage Outputs > On Demand Formats

BE6K solution does not support the Window Media Format for playback.

Figure 3-2 Manage Output

Save Return

Manage outputs



wowza_live 10 Oct 14 3:05 PM

Recording call speed (kbps): 1152 ⓘ

Recorded with dual stream: No ⓘ

Choose how you want to make this recording available and edit your options below:

Viewable in the Content Server web interface ⓘ [Choose options](#)


Downloadable for portable devices (iPod and Zune) ⓘ

Downloadable for general purpose ⓘ

Distributed to Media Experience Engine 3500, Show and Share, Podcast Producer or iTunes U ⓘ

Outputs to view in the Content Server web interface

Outputs to view in the Content Server web interface



Single video ⓘ

On demand

Formats ⓘ

MPEG-4 for QuickTime

MPEG-4 for Flash

Sizes (choose up to 2) ⓘ

Audio only

Small

Medium

Large

Bit rates (kbps) ⓘ

Small: 250

Medium: 800

Large: 1728

On demand media server configuration settings

MPEG-4 for QuickTime Local IIS Web Server ⓘ

MPEG-4 for Flash Local IIS Web Server ⓘ

Optimize for motion ⓘ

3. Management Tab> Create recordings>Recording alias

Default Live and OnDemand recording alias is not supported in BE6K solution.

Figure 3-3 Recording alias

The screenshot shows the Cisco TelePresence Content Server Management interface. The top navigation bar includes 'View Recordings' and 'Management' tabs. The main header displays 'Cisco TelePresence Content Server' and the user 'System Administrator (WIN-NT5AIKDD7VSIAdministrator)'. Below the header, there are tabs for 'Diagnostics', 'Recordings', 'Recording setup', and 'Configuration'. The 'Recording aliases' section is active, showing a table with the following data:

<input type="checkbox"/>	Name ▲	H.323 ID	E.164 alias	SIP address (URI)	Owner
<input type="checkbox"/>	Default OnDemand only Edit	OnDemand4E56E408			WIN-NT5AIKDD7VSIAdministrator

A 'Delete selected' button is located at the bottom left of the table.

4. Management Tab > [Template](#)

Window Media Format is not supported for BE6K solution.



Note

Default Flash Single on Demand Only and Default Flash Stacked on Demand Only template are enabled by default.

Figure 3-4 Templates

The screenshot displays the 'Add template' configuration page in the Cisco TelePresence Content Server Management interface. The page is titled 'Add template' and includes a 'Save' button and a 'Return' button. The 'Template' section contains a 'Name' field and a list of options to control recording availability: 'Viewable in the Content Server web interface' (checked), 'Downloadable for portable devices (iPod and Zune)', 'Downloadable for general purpose', and 'Distributed to Media Experience Engine 3500, Show and Share, Podcast Producer or iTunes U'. The 'Outputs to view in the Content Server web interface' section features four radio button options: 'Switching' (selected), 'Joined', 'Stacked', and 'Picture in picture'. The 'On demand' section includes a 'Formats' dropdown menu with 'MPEG-4 for QuickTime' and 'MPEG-4 for Flash', a 'Sizes (choose up to 2)' dropdown menu with 'Audio only', 'Small', 'Medium', and 'Large', and a 'Maximum target bit rates (kbps)' section with 'Small: 250', 'Medium: 800', and 'Large: Maximum'.

5. Management Tab> Add Templates> [Viewable in the Content Server web interface](#)

BE6K user can edit the options to make any recordings.

Figure 3-5 Add Template



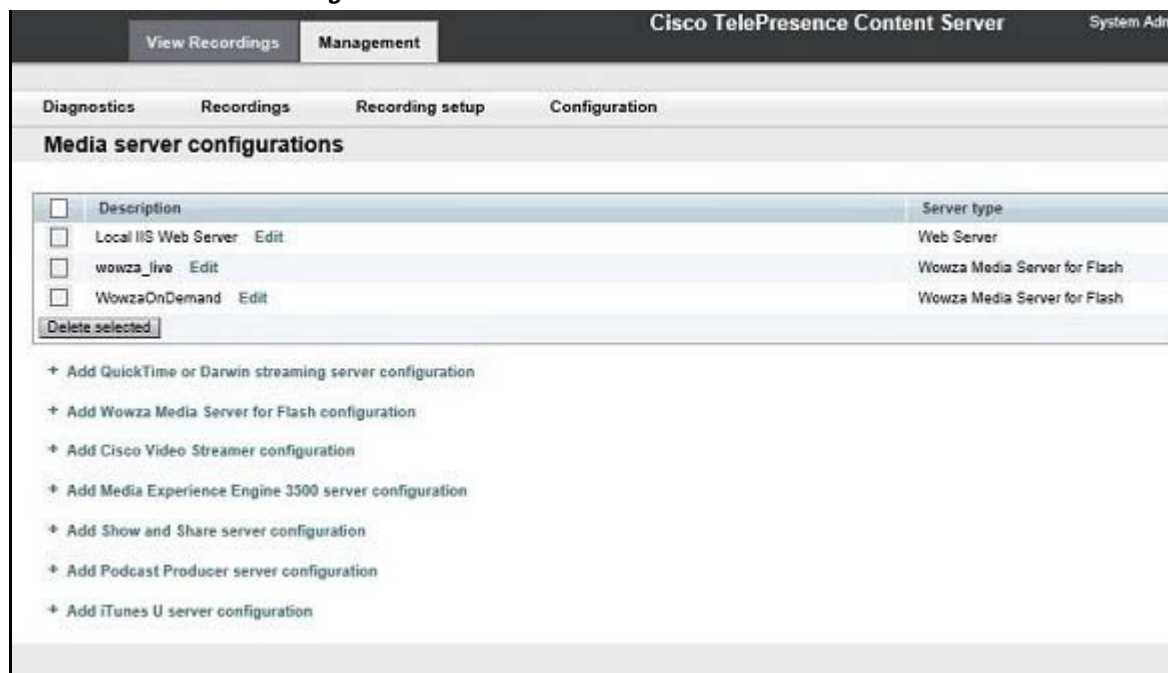
6. Management Tab > Recording Setup > Media Server Configurations

BE6k solution does not support the External Windows Media Streaming servers.

The supported formats are:

- Add Quick Time or Darwin streaming server configuration
- Add Wowza Media server for Flash configuration, etc.

Figure 3-6 Media server configuration



7. Management Tab > Configuration > Site Setting > Preferred player

BE6K, Flash is the preferred player to view recordings.

Figure 3-7 Advanced streaming options

The screenshot displays the 'Advanced streaming options' configuration interface. It features a title bar with a minus sign and the text 'Advanced streaming options'. Below the title bar, there is a section for 'Target bit rates' with an information icon. This section contains three rows: 'Small' with a value of '250' kbps and an allowed range of '150 - 512 kbps'; 'Medium' with a value of '800' kbps and an allowed range of '512 - 1152 kbps'; and 'Large' with a value of 'Maximum'. Below this section is a 'Preferred player' dropdown menu currently set to 'Flash'. At the bottom of the form, there are two buttons: 'Save' and 'Return'.

Target bit rates	Value	Unit	Allowed range
Small	250	kbps	150 - 512 kbps
Medium	800	kbps	512 - 1152 kbps
Large	Maximum		

Preferred player: Flash

Buttons: Save, Return

