Cisco StadiumVision Director
Using the Text Utility Interface

Release 2.3, 2.4, and 3.0

February 2011
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Table 1. Revision History

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>February 21, 2011</td>
<td>First publication for Cisco StadiumVision Director Release 2.3.</td>
</tr>
</tbody>
</table>

**NOTE:** This document provides illustrations for Cisco StadiumVision Director Release 2.3, but is also applicable to later releases of the Cisco StadiumVision Director software through Release 3.0, with some differences in the user interface for those releases.

For information about Text Utility Interface (TUI) updates made in Cisco StadiumVision Director Releases 2.4 and 3.0, see the [Release Notes](#) for those releases.

Important changes were made to the TUI architecture in Cisco StadiumVision Director Release 3.1. For more information, see the “Cisco StadiumVision Director Text Utility Interface” module in the System Tools part of the [Cisco StadiumVision Director Server Administration Guide](#) in addition to the [Release Notes](#).
Using the Text Utility Interface

The Cisco StadiumVision Director Text Utility Interface (TUI) provides a console-based text interface for use by system installers and on-site troubleshooting personnel. The TUI replaces low-level system command line access (shell) and can be used to perform routine system tasks such as modifying system configurations, changing passwords, and checking system logs. Remote TAC access and troubleshooting can both be facilitated from the TUI in the event of a Cisco StadiumVision Director outage or failure.

Logging into the Text User Interface

To access the TUI, you need either physical console access or an SSH client such as PUTTY. Log in from the console or over SSH with the username ‘installer’. The default password for this account is set to ‘cisco!123’. You will be prompted to change this password on your first successful login.

After you log into the system using the ‘installer’ account, the TUI main menu interface is displayed (Figure 1).

---

Please choose from the options below:

a. Configure IP information  
b. Configure DNS information  
c. Configure NTP  
d. Set Hostname  
e. Edit hosts file  
f. Start / Stop Services  
g. Ping a host  
h. Display realtime logging  
i. Set StadiumVision user password  
j. Change installer password  
k. Change MySQL password  
l. Enable TAC user  
m. Shutdown the StadiumVision server  
n. Restart the StadiumVision server  
o. ReRun StadiumVision initial configuration  
p. Display system details  
qu. Exit

Please enter option [a – p]:

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<table>
<thead>
<tr>
<th>Option/Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Configure IP Information</td>
<td>Allows for local IP configuration on the Cisco StadiumVision Director server. Highlight the Ethernet adapter you want to configure (Default primary interface is ETH0) and press ENTER to change its settings. Use the TAB key to navigate through the different fields and select OK by pressing ENTER to make changes to the interface.</td>
</tr>
<tr>
<td>Configure DNS Information</td>
<td>Uses the VI editor to modify the /etc/resolv.conf file. Standard entries will have the word ‘nameserver’ followed by the IP address of the DNS server to be used. More info on proper resolv.conf file syntax can be found here: <a href="http://linux.about.com/od/commands/l/blcmdl5_resolvc.htm">http://linux.about.com/od/commands/l/blcmdl5_resolvc.htm</a></td>
</tr>
<tr>
<td>Configure NTP</td>
<td>Uses the VI editor to modify the /etc/ntp.conf file. Standard configuration will have the word ‘server’ followed by the IP address of the time server to be used. More info on the /etc/ntp.conf file can be found here: <a href="http://tldp.org/LDP/sag/html/basic-ntp-config.html">http://tldp.org/LDP/sag/html/basic-ntp-config.html</a></td>
</tr>
<tr>
<td>Set Hostname</td>
<td>Modifies the local host name of the Cisco StadiumVision Director server. Press option 1 to change the current hostname or option 2 to return to the main menu.</td>
</tr>
<tr>
<td>Edit Hosts file</td>
<td>Uses the VI editor to modify the /etc/hosts file.</td>
</tr>
<tr>
<td>Start/Stop Services</td>
<td>Allows you to start, stop, or check status on the Cisco StadiumVision Director system services. Simply choose the number for the action and service you would like to perform. Press option 20 to return to the main menu.</td>
</tr>
<tr>
<td>Ping a host</td>
<td>Issues a ping to the IP address you provide. The ping command is a standard tool used to aid network troubleshooting and diagnostics.</td>
</tr>
<tr>
<td>Display realtime logging</td>
<td>Uses use a combination of system commands to provide realtime monitoring of the log file you choose. The information provided by the log files is often helpful during the troubleshooting process.</td>
</tr>
<tr>
<td>Set StadiumVision user password</td>
<td>Allows you to change the password for the ‘admin’ user in Cisco StadiumVision Director. Passwords should be alphanumeric and not be easily guessed.</td>
</tr>
<tr>
<td>Change installer password</td>
<td>Changes the ‘installer’ account password used to gain access to the Cisco StadiumVision Director Utility Interface.</td>
</tr>
<tr>
<td>Change MySQL password</td>
<td>Changes the password for the ‘apps’ mysql database user. Password must be alphanumeric and can have no special characters.</td>
</tr>
<tr>
<td>Enable TAC user</td>
<td>Enables/disables the Cisco TAC user account on the Cisco StadiumVision Director server. This will allow for remote shell access which will be used for remote troubleshooting purposes. Always disable this access once you complete troubleshooting the system.</td>
</tr>
<tr>
<td>Shutdown the StadiumVision server</td>
<td>Powers down the Cisco StadiumVision Director server. You will be prompted to confirm this action, and once confirmed, the server will shut down. Be sure that you really want to shut down the server as this can cause a disruption of service while the server is offline.</td>
</tr>
<tr>
<td>Restart the StadiumVision server</td>
<td>Reboots the Cisco StadiumVision Director server. You will be asked to confirm this action, and once confirmed the server will reboot. Be sure that you really want to reboot the server as this can cause a disruption of service while the server is offline.</td>
</tr>
<tr>
<td>Rerun StadiumVision initial</td>
<td>Reruns the script used during install to initialize the StadiumVision server.</td>
</tr>
<tr>
<td>configuration</td>
<td></td>
</tr>
<tr>
<td>Display system details</td>
<td>Lists important system details such as IP address and other configuration file details which are useful during technical support.</td>
</tr>
<tr>
<td>Exit</td>
<td>Exits from the Cisco StadiumVision Director utility interface and returns to the login prompt. If you are connected using an SSH client such as PUTTY, the session will terminate.</td>
</tr>
</tbody>
</table>

**Using the VI Editor**

The VI editor is used extensively throughout the TUI to modify configuration files. Before modifying configuration files, you should be familiar with simple editing techniques used within this editor.

Changes can be made by placing the editor into INSERT mode by pressing the ‘I’ key. Once the file has been modified, you may exit INSERT mode by pressing the
‘ESC’ key and then save by pressing ‘:wq!’ or exit without saving by pressing ‘:q!’.
More information on the VI editor can be found here:

Frequently Used Options

This section provides additional information on selected options in the Cisco
StadiumVision Director TUI.

Configure IP Information

Use this option for local IP configuration on the Cisco StadiumVision Director server.
Highlight the Ethernet adapter you want to configure (Default primary interface is
ETH0) and press ENTER to change the settings. Use the TAB key to navigate
through the different fields and select OK by pressing ENTER to make changes to
the interface.

Configure DNS Information

Use this option to invoke the VI editor to modify the /etc/resolv.conf file. Standard
entries have the word ‘nameserver’ followed by the IP address of the DNS server to
be used. More info on proper resolv.conf file syntax can be found at:
http://linux.about.com/od/commands/l/blcmdl5_resolvc.htm
Configure NTP Service

Use this option to invoke the VI editor to modify the /etc/ntp.conf file. Standard configuration has the word ‘server’ followed by the IP address of the time server to be used. More info on the /etc/ntp.conf file can be found at:

http://tldp.org/LDP/sag/html/basic-ntp-config.html
Set Cisco StadiumVision Director Server Hostname

Use this option to modify the local host name of the Cisco StadiumVision Director server. Press option 1 to change the current hostname or option 2 to return to the main menu.
Edit Hosts File

Use this option to invoke the VI editor to modify the /etc/hosts file. More information on the hosts file can be found at:

http://www.faqs.org/docs/securing/chap9sec95.html

Start / Stop System Services

Use this option to start, stop, or check status on the Cisco StadiumVision Director system services. Simply choose the number for the action and service you would like to perform. Press option 20 to return to the main menu.
Enable TAC User

Use this option to enable and disable the Cisco TAC user account on the Cisco StadiumVision Director server. This allows for remote shell access used for remote troubleshooting purposes. Always disable this access once you are done troubleshooting the system.
Restart the Cisco StadiumVision Server

Use this option to reboot the Cisco StadiumVision Director server. A confirmation will display for you to confirm the action. Once confirmed the server will reboot. Note that this can cause a disruption of service while the server is offline.