

NCast Presentation Server

Installation Notes

Important – Review Carefully Before Proceeding

This Tech Tip provides some important information regarding installation and configuration of the Presentation Server.

Documentation on NCast's Website --

<http://www.ncast.com/ncastmanuals.html>

Administrative Web Page for the Server --

<http://server-address>

Media Archives Viewer Portal Web Page --

<http://server-address/engage/ui/index.html>

Web Admin Access --

User: admin
Password: ncastpps

Capture Agent Access --

User: matterhorn_system_account
Password: ncast

Server Root Access --

User: ncast
Password: ncastps1

Connections --

The primary ethernet port is “eth0” and is the top socket of the double socket jack. The secondary ethernet port is “eth1” and is located immediately below. The third, single socket is not used. The default server configuration on eth0 is DHCP. Mac addresses are located on the back panel. The eth1 port is set to static address “192.168.10.100”.

Neither a keyboard, mouse nor display is required for operation of the server.

NCast requires ssh portal access for installation provisioning and maintenance of this device. Keys for ssh access have been installed in directory “/home/ncast/.ssh”. If you wish to lock down your server and deny factory access the “authorized_keys” file in this directory must be deleted and the ncast password changed through use of the “passwd” command.

Presentation Server Configuration Notes

ACCESSING THE PRESENTATION SERVER

To configure the Presentation Server you must assign it an IP address. By default interface eth0 obtains its IP address from a DHCP server and eth1 is configured to use a static IP address of 192.168.10.100/24. Mac addresses are available on the rear panel of the server.

You can access the server using these methods:

- (a) connecting a keyboard and monitor to the server.
- (b) knowing the IP address that will be assigned to the eth0 network interface by the DHCP server.
- (c) connecting to static IP address 192.168.10.100/24 configured on eth1.

When you login using the keyboard and monitor or remotely via ssh you can log in directly to the ncast account using the default password. Then "sudo -i" will enable root access.

SETTING UP THE IP ADDRESSES OF THE PRESENTATION SERVER

To change the IP addresses of Presentation Server you must edit the "/etc/network/interfaces" file and restart the network. If you need more information search for "IP address configuration on Ubuntu LTS 10.04 using the command line".

CONFIGURING THE PRESENTATION SERVER

To configure the Presentation Server, you have to edit file:

```
/opt/pps/config/ncast_pps.conf
```

and alter the "url" setting to reflect your desired URL path to the server. For example:

```
url=http://ps.organization.com
```

make sure that there is no "/" at the end of the URL. This can also be an IP address:

```
url=http://192.168.10.100
```

or an IP address with a port number:

```
url=http://192.168.10.100:8080
```

but then the port number setting in the next line must be altered to the appropriate port number:

```
port=8080
```

To introduce these setting apply the following command:

```
sudo /opt/pps/scripts/applyConf.sh
```

You should be able to log into the server at this point.

UPDATING THE PRESENTATION SERVER

Before updating the server, always consult NCast. You will be provided with information about the latest release. The update procedure is:

```
sudo -i  
cd /opt/pps/scripts/  
./updateAll
```

To complete the update procedure the server must be connected to the Internet.