

FUJITSU Cloud Service S5

Setup VNC functionality on CentOS Server and Connect from the Desktop

This guide details the steps required to setup VNC functionality on CentOS Server and Connect from the Desktop

Introduction

VNC is remote control software which allows you to view and fully interact with one computer desktop (the "VNC server") using a simple program (the "VNC viewer").

This guide details the steps required to configure the CentOS Server to accept inbound VNC sessions and the steps required to connect via the desktop.

Assumptions

- Familiarity with the FUJITSU Cloud Service S5 Portal basic configuration and administration tasks.
- Familiarity with CentOS and associated Server Administration & Configuration tasks
- SSH CentOS server connectivity is available (for example, using the **putty** service and putty psftp client)
- The CentOS yum update service has been configured to enable CentOS updates and package installation (see **FUJITSU Cloud Service S5 - Setup yum Software Package Manager with CentOS 5.x Servers**)
- DNS and the Firewall are configured to enable internet/intranet connectivity

Installing the Setup vncserver Service on CentOS

On each server to be configured (CentOS5.6#1 & CentOS5.6#2) and associated with the VIP Address, perform Steps 1-8 below:

1. Login as **root**

2. Run `yum -y install vnc`:

```
[root@localhost ~]# yum -y install vnc
Loaded plugins: fastestmirror
Loading mirror speeds from cached hostfile
 * epel: mirror01.th.ifl.net
addons | 951 B 00:00
base | 1.1 kB 00:00
epel | 3.7 kB 00:00
extras | 2.1 kB 00:00
Setting up Install Process
Resolving Dependencies
--> Running transaction check
--> Package vnc.i386 0:4.1.2-14.el5_5.4 set to be updated
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package Arch Version Repository Size
=====
Installing:
vnc i386 4.1.2-14.el5_5.4 base 160 k
Transaction Summary
=====
Install 1 Package(s)
Upgrade 0 Package(s)

Total download size: 160 k
Downloading Packages:
vnc-4.1.2-14.el5_5.4.i386.rpm | 160 kB 00:00
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
Installing : vnc 1/1

Installed:
vnc.i386 0:4.1.2-14.el5_5.4

Complete!
[root@localhost ~]#
```

3. Start VNC Server by entering `vncserver :1` and you will be prompted for a password (for client connectivity):

```
[root@localhost ~]# vncserver :1

You will require a password to access your desktops.

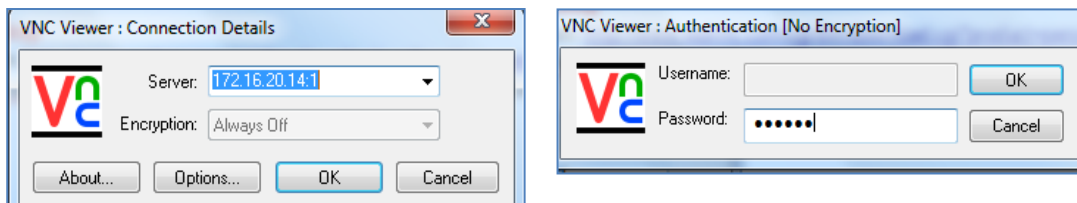
Password:
Verify:
A VNC server is already running as :1
[root@localhost ~]#
```

Administrative Commands

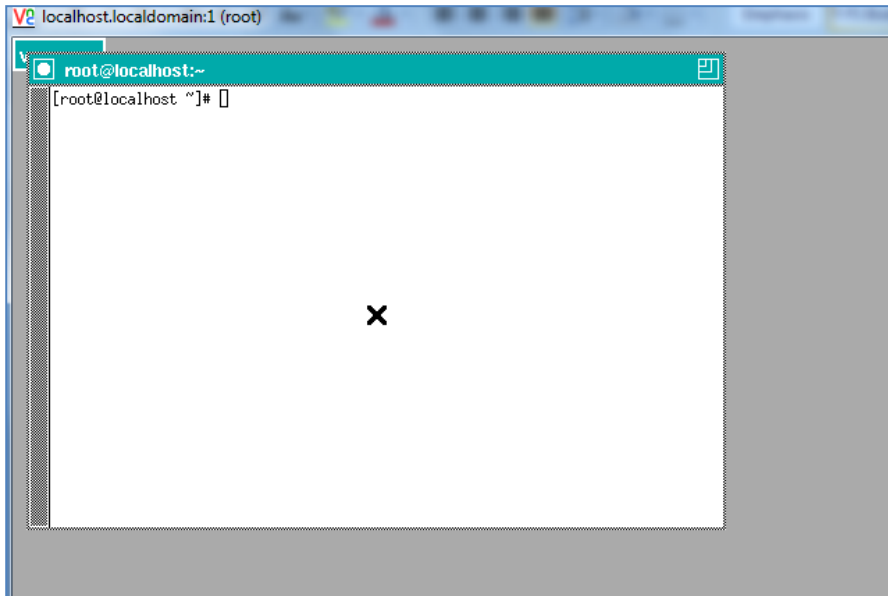
1. Reset VNC Password: `vncpasswd`
2. Kill/Terminate a VNC Session `vncserver -kill :1`

Running VNC Sessions from the Desktop

1. Install the VNCVIEWER Client from <http://www.realvnc.com/cgi-bin/download.cgi?product=personal4/winvnc>
2. Once installed, run the VNCViewer Client and specify the IP address of the target CentOS Server with the suffix `:1`. Enter the password specified previously:



3. The VNC Viewer should now be connected to the host and ready to use:



Initiating VNC Sessions from a Browser

1. Enter the IP address of the target CentOS Server, for example <http://172.16.20.14:5801/>
2. You will be prompted to confirm the Connection Details and Password as previously.

Setup of VNC Viewer functionality is now complete.

Contact

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