

排除VNC模組安裝故障

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簡介

本文描述如何在配置工作器映像時排除虛擬網路計算(VNC)模組安裝故障。

必要條件

需求

思科建議您瞭解以下主題：

- [Linux介面](#)
- [虛擬機器環境](#)
- [工作人員影象](#)

採用元件

本檔案中的資訊是根據以下軟體版本：

- CloudCenter 4.x版
- CentOS7工作人員映像

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路正在作用，請確保您已瞭解任何指令可能造成的影響。

背景資訊

下載worker_installer.bin 檔案後，當您使用此處提到的命令配置Centos 7 worker映像時，它通常會跳過VNC的互動式模組，即使過程成功完成。

```
# ./worker_installer.bin centos7 <cloudtype> worker
```

本文可幫助您處理此類情況。

問題

安裝失敗

在cliqr_modules.log中，可以看到依賴關係失敗(glib-2.4)。

<noscript> <table=" class="msgText"> 如果您未啟用JavaScript，請與管理員聯絡。

使用此工作映像可以成功部署應用程式，但使用者無法從Cisco Call Manager(CCM)使用者介面(UI)通過VNC訪問已部署的例項。

啟動失敗

在/var/log/messages檔案中，可以檢查VNC是否正確啟動。

```
Sep 20 15:42:58 cliqr-centos6-base-image OSMOSIX: starting vnc server, result: 127
```

正確安裝VNC後，應該會看到0作為結果代碼。

```
Nov 25 12:18:18 cqjw-58d79d88f OSMOSIX: starting vnc server, result: 0
```

解決方案

VNC安裝依賴於GNOME庫。因此作為解決方法，請以管理員身份執行此步驟。

```
# export gui_enabled=true
```

這將解決VNC安裝錯誤。

解除安裝版本儲存庫是安裝互動式模組的前提條件。執行此命令以安裝回購。

```
yum -y install epel-release
```

成功完成上述步驟後，請重複工作映像配置。

```
./worker_installer.bin centos7 <cloudtype> worker
```

由於安裝了其他模組，因此只安裝了VNC和互動式模組。

安裝VNC後，它應位於檔案/etc/cliqr_modules.conf中

```
[cliqruser@cqjw-58d79d88f etc]$ cat cliqr_modules.conf
sysupdate
worker
ntp
docker
vnc
interactive
```

```
[cliqruser@cqjw-58d79d88f etc]$
```

要使vnc正常工作，還需要安裝X Windows。

```
[root@cqjw-58d79d88f ~]# cat /var/log/messages | grep vnc
Nov 24 18:52:35 cliqr-centos6-base-image yum[4660]: Installed: tigervnc-server-module-1.1.0-24.el6.x86_64
Nov 24 18:53:28 cliqr-centos6-base-image yum[12686]: Installed: tigervnc-server-1.1.0-24.el6.x86_64
Nov 24 18:53:37 cliqr-centos6-base-image yum[12701]: Installed: libvncserver-0.9.7-7.el6_6.1.x86_64
Nov 24 18:53:39 cliqr-centos6-base-image yum[12703]: Installed: x11vnc-0.9.13-8.el6.x86_64
Nov 25 12:18:18 cqjw-58d79d88f OSMOSIX: starting vnc server, result: 0
[root@cqjw-58d79d88f ~]#
```

在為vnc正確配置工作映像後，例如，在cloudtype vmware的情況下，可以建立虛擬機器模板，以作為vnc正確安裝並正常工作的工作映像。另請參閱。

```
[root@cqjw-58d79d88f ~]# cat cliqr_modules.log | grep vnc
c3agent/osmosix/bin/startvncserver
c3agent/osmosix/vnc/
c3agent/osmosix/vnc/utils/
c3agent/osmosix/vnc/include/
c3agent/osmosix/vnc/include/web-socket-js/
c3agent/osmosix/vnc/include/chrome-app/
c3agent/osmosix/vnc/images/
c3agent/osmosix/vnc/images/bkp/
c3agent/osmosix/vnc/vnc.html
c3agent/osmosix/vnc/utils/websockify
c3agent/osmosix/vnc/utils/rebind.c
c3agent/osmosix/vnc/utils/Makefile
c3agent/osmosix/vnc/utils/json2graph.py
c3agent/osmosix/vnc/utils/nova-novncproxy
c3agent/osmosix/vnc/utils/websocket.pyc
c3agent/osmosix/vnc/utils/web.py
c3agent/osmosix/vnc/utils/u2x11
c3agent/osmosix/vnc/utils/launch.sh
c3agent/osmosix/vnc/utils/img2js.py
c3agent/osmosix/vnc/utils/README.md
c3agent/osmosix/vnc/utils/wsproxy.py
c3agent/osmosix/vnc/utils/websocket.py
c3agent/osmosix/vnc/utils/rebind
c3agent/osmosix/vnc/utils/websockify.py
c3agent/osmosix/vnc/utils/parse.js
c3agent/osmosix/vnc/include/keysymdef.js
c3agent/osmosix/vnc/include/des.js
c3agent/osmosix/vnc/include/util.js
c3agent/osmosix/vnc/include/web-socket-js/swfobject.js
c3agent/osmosix/vnc/include/web-socket-js/web_socket.js
c3agent/osmosix/vnc/include/web-socket-js/README.txt
c3agent/osmosix/vnc/include/web-socket-js/WebSocketMain.swf
c3agent/osmosix/vnc/include/logo.js
c3agent/osmosix/vnc/include/rfb.js
c3agent/osmosix/vnc/include/black.css
c3agent/osmosix/vnc/include/webutil.js
c3agent/osmosix/vnc/include/base64.js
c3agent/osmosix/vnc/include/display.js
c3agent/osmosix/vnc/include/ui.js
c3agent/osmosix/vnc/include/keyboard.js
c3agent/osmosix/vnc/include/playback.js
c3agent/osmosix/vnc/include/input.js
c3agent/osmosix/vnc/include/Orbitron700.woff
c3agent/osmosix/vnc/include/jsunzip.js
c3agent/osmosix/vnc/include/keysym.js
c3agent/osmosix/vnc/include/blue.css
c3agent/osmosix/vnc/include/websock.js
```

```
c3agent/osmosix/vnc/include/chrome-app/tcp-client.js
c3agent/osmosix/vnc/include/Orbitron700.ttf
c3agent/osmosix/vnc/include/base.css
c3agent/osmosix/vnc/images/cliqrLogo.jpeg
c3agent/osmosix/vnc/images/bkp/disconnect.png
c3agent/osmosix/vnc/images/bkp/mouse_right.png
c3agent/osmosix/vnc/images/bkp/connect.png
c3agent/osmosix/vnc/images/bkp/keyboard.png
c3agent/osmosix/vnc/images/bkp/mouse_middle.png
c3agent/osmosix/vnc/images/bkp/drag.png
c3agent/osmosix/vnc/images/bkp/screen_57x57.png
c3agent/osmosix/vnc/images/bkp/screen_320x460.png
c3agent/osmosix/vnc/images/bkp/screen_700x700.png
c3agent/osmosix/vnc/images/bkp/mouse_none.png
c3agent/osmosix/vnc/images/bkp/mouse_left.png
c3agent/osmosix/vnc/images/bkp/favicon.png
c3agent/osmosix/vnc/images/bkp/ctrlaltdel.png
c3agent/osmosix/vnc/images/bkp/clipboard.png
c3agent/osmosix/vnc/images/bkp/settings.png
c3agent/osmosix/vnc/images/bkp/favicon.ico
c3agent/osmosix/etc/vnc/
c3agent/osmosix/etc/vnc/passwd
```

Running Module vnc

---> Package tigervnc-server-module.x86_64 0:1.1.0-24.el6 will be installed

--> Processing Dependency: xorg-x11-server-Xorg for package: tigervnc-server-module-1.1.0-24.el6.x86_64

```
tigervnc-server-module      x86_64      1.1.0-24.el6      base      214 k
  Installing : tigervnc-server-module-1.1.0-24.el6.x86_64      38/45
  Verifying  : tigervnc-server-module-1.1.0-24.el6.x86_64      39/45
tigervnc-server-module.x86_64 0:1.1.0-24.el6
```

make[1]: Entering directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2/m4'

make[1]: Leaving directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2/m4'

make[1]: Entering directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2/po'

make[1]: Leaving directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2/po'

make[1]: Entering directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2'

make[1]: Leaving directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2'

make[1]: Entering directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2/m4'

make[2]: Entering directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2/m4'

make[2]: Leaving directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2/m4'

make[1]: Leaving directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2/m4'

make[1]: Entering directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2/po'

make[1]: Leaving directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2/po'

make[1]: Entering directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2'

make[2]: Entering directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2'

make[2]: Leaving directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2'

make[1]: Leaving directory `/tmp/selfgz444713812/vnc/openbox-3.4.7.2'

---> Package tigervnc-server.x86_64 0:1.1.0-24.el6 will be installed

--> Processing Dependency: xorg-x11-fonts-misc for package: tigervnc-server-1.1.0-24.el6.x86_64

```
tigervnc-server      x86_64      1.1.0-24.el6      base      1.0 M
  Installing : tigervnc-server-1.1.0-24.el6.x86_64      2/2
  Verifying  : tigervnc-server-1.1.0-24.el6.x86_64      2/2
tigervnc-server.x86_64 0:1.1.0-24.el6
```

---> Package libvncserver.x86_64 0:0.9.7-7.el6_6.1 will be installed

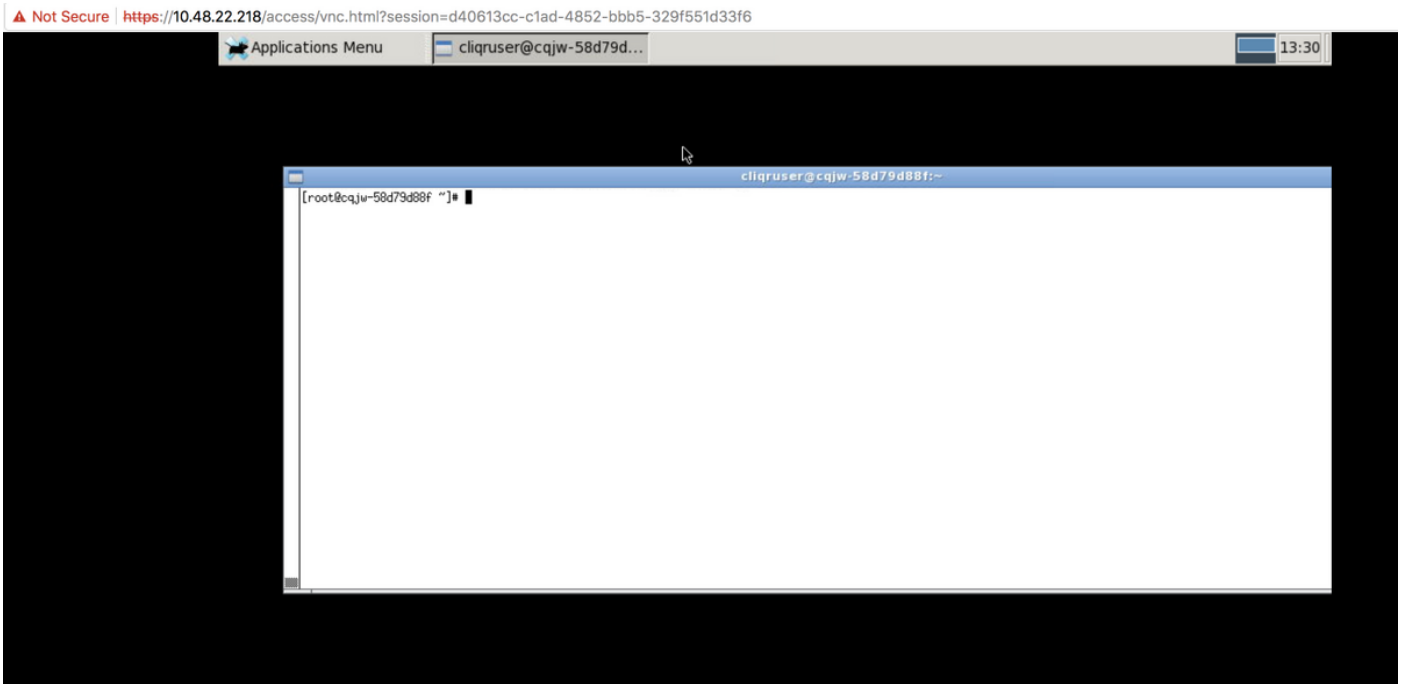
```
libvncserver      x86_64      0.9.7-7.el6_6.1      base      159 k
  Installing : libvncserver-0.9.7-7.el6_6.1.x86_64      1/1
  Verifying  : libvncserver-0.9.7-7.el6_6.1.x86_64      1/1
libvncserver.x86_64 0:0.9.7-7.el6_6.1
```

---> Package x11vnc.x86_64 0:0.9.13-8.el6 will be installed

```
x11vnc      x86_64      0.9.13-8.el6      epel      947 k
  Installing : x11vnc-0.9.13-8.el6.x86_64      1/1
  Verifying  : x11vnc-0.9.13-8.el6.x86_64      1/1
x11vnc.x86_64 0:0.9.13-8.el6
```

[root@cqjw-58d79d88f ~]#

通過上面部署工作器，可以使用vnc連線到工作器，如下圖所示。



已安裝Vnc