

Imaging - Davos Debug

Launch Davos, then press CTRL+C

From here, there are two options: Local connection or SSH

Local connection:

```
# in the Davos console
sudo su
dpkg-reconfigure keyboard-configuration
systemctl restart keyboard-setup
python3
```

SSH connection:

First, retrieve the machine's IP address, then from the relay server:

```
ssh user@<IP>
```

Password: live

```
sudo su
python3
```

- To register the machine:

```
from davos import davosManager
from davos.inventory import Inventory

davos = davosManager()
inv = Inventory(davos)
#
# Enter the hostname in the input
# this will send the XML to pulse2-register-pxe
```

```
print("mac address: {}".format(inv.macaddress))
print("ip address: {}".format(inv.ipaddress))
print("netmask: {}".format(inv.netmask))
print("disk : {}".format(inv.disk))
```

```
# The inventory (unmodified) is located in:
less /tmp/inventory.xml
# There must be a missing / between tmp and macaddress, causing the file to be generated in /
```

```
/tmp<macaddress.xml
```

- To debug the backup

```
from davos import davosManager
from davos.image_saver import imageSaver

davos = davosManager()
saver = imageSaver(davos)
saver.start()
```

Save the backup:

```
saver.imaging_api.imageDone(saver.manager.mac, saver.image_uuid)
```

- To debug the restore:

```
from davos import davosManager
from davos.image_restorer import imageRestorer

davos = davosManager()
img = imageRestorer(davos, "unicast")
```

To start a full restore:

```
img.start()
```

To run only the post-installs

```
img.run_postimaging()
```

The Davos logs are located in:

```
/var/log/davos.log
/var/log/davos_restorer.log
```

The post-install logs are located in:

```
/tmp/postinst.xxx.log
```

Postinstalls are located in `/imaging_server/masters/<master_uuid>/postinst.d/`
The master UUID can be retrieved from the `imaging.Image` table in the database.

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