

QubesOS

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Install Software in Template using proxy

wget proxy

Issue in Terminal:

```
https_proxy=http://127.0.0.1:8082/ http_proxy=http://127.0.0.1:8082/
```

Then you can

```
flatpak install xyz
```

or

```
sudo extrepo enable xyz
```

Clone git in template

```
git config --global http.proxy http://127.0.0.1:8082
```

then you can

```
git clone xyz
```

Copy from and to dom0

Copy to dom0

```
qvm-run --pass-io vm-name "cat /path/to/file/in/vm" > "/path/to/file/in/dom0"
```

Copy from dom0

```
qvm-copy-to-vm <target_vm> <file>
```

Install custom Kernel in TemplateVM

install linux kernel

```
sudo apt install linux linux-headers
```

```
grub-install /dev/xvda  
grub-mkconfig -o /boot/grub/grub.cfg  
mkinitcpio -p linux
```

- switch vm to HVM in QubesManager

Attach Devices

Attach USB Device

Once

```
qvm-device usb attach vmname sys-usb:X-x
```

Persistent

```
qvm-device usb attach --persistent vmname sys-usb:X-x
```

Attach Blockdevices

Once

```
qvm-block attach vmname dom0:diskname
```

persistent

```
qvm-block attach --persistent vmname dom0:diskname
```

Change Shell in Templates

```
sudo usermod -s /usr/bin/fish user
```

Enable USB support on StandaloneVM

```
qvm-features [standalone-qube] stubdom-qrexec 1
```

Install Software in dom0

```
sudo qubes-dom0-update <packagename>
```