

Adapted from [http://www.netbsd.org/docs/kernel/#how\\_to\\_build\\_a\\_kernel](http://www.netbsd.org/docs/kernel/#how_to_build_a_kernel)

```
netbsd6# ftp ftp://ftp.netbsd.org/pub/NetBSD/NetBSD-release-6/tar\_files/src/
```

```
ftp> get config.tar.gz
```

```
ftp> get sys.tar.gz
```

```
ftp> get common.tar.gz
```

```
netbsd6# tar xzf config.tar.gz -C /usr
```

```
netbsd6# tar xzf common.tar.gz -C /usr
```

```
netbsd6# tar xzf sys.tar.gz -C /usr
```

```
netbsd6# cd /usr/src/sys/arch/amd64/conf
```

```
netbsd6# cp XEN3_DOMU XEN3_DOMU-
```

*Edit XEN3\_DOMU as following:*

```
netbsd6# diff -u XEN3_DOMU- XEN3_DOMU
```

```
--- XEN3_DOMU-    2012-10-28 14:09:41.000000000 +0100
```

```
+++ XEN3_DOMU    2012-10-28 14:11:05.000000000 +0100
```

```
@@ -150,7 +150,8 @@
```

```
#options    NFS_BOOTSTATIC_SERVADDR="\169.254.1.1\""
```

```
#options    NFS_BOOTSTATIC_SERVER="\server:/path/to/root\""
```

```
-config      netbsd    root on ? type ?
```

```
+#config     netbsd    root on ? type ?
```

```
+config      netbsd    root on xbd0a type ffs
```

```
#config      netbsd    root on wd0a type ffs
```

```
#config      netbsd    root on xennet0 type nfs
```

```
netbsd6# cd ../compile/XEN3_DOMU/
```

```
netbsd6# make depend
```

```
netbsd6# make
```

```
netbsd6# mv /netbsd /netbsd.old
```

```
netbsd6# cp netbsd /netbsd
```

```
---
```

```
[user@firewallvm ~]$ scp root@10.137.2.14:/netbsd /tmp/netbsd
```

```
[abb@dom0 ~] cd /var/lib/qubes/appvms/netbsd6/kernels/
```

```
[abb@dom0 ~] qvm-run -q firewallvm 'cat /tmp/netbsd' > netbsd-XEN3_DOMU
```

```
[abb@dom0 ~] ln -sf netbsd-XEN3_DOMU vmlinuz
```