



INSTALLING NATPASS

1. DOWNLOAD THE CODE

```
[root]# cd /usr/src
[root src]# mkdir natpass
[root src]# cd natpass/
[root natpass]# ll
total 0
[root natpass]# wget http://www.natpass.com/download_files/natpass-3.4-1.x86_64.rpm

--18:12:56-- http://www.natpass.com/download_files/natpass-3.4-1.x86_64.rpm
=> .....
HTTP request sent, awaiting response... 200 OK
Length: 908,402 (887K) [application/x-rpm]
100%[=====>]
908,402 593.28K/s
18:12:58 (592.22 KB/s) - `natpass rpm' saved [908402/908402]
```

```
[root natpass]# ll
```

```
-rw-r--r-- 1 root root 908402 2014-11-18 23:25 natpass-3.4-1.x86_64.rpm
```

2. INSTALL THE RPM

```
[root natpass]# useradd natpass
[root natpass]# rpm -Uvh natpass-3.4-1.x86_64.rpm
```

```
Preparing...      ##### [100%]
 1:natpass        ##### [100%]
```

```
[root natpass]# cd /usr/local/natpass/bin
```

3. CHECK FOR DEPENDENCIES(look for “not found” libraries, skip to step 5 if there is no missed dependency)

```
[root bin]# ldd Natpass
```

```
linux-gate.so.1 => (0x00110000)
libssl.so.6 => not found
libresolv.so.2 => /lib/libresolv.so.2 (0x00b55000)
libgcc_s.so.1 => /lib/libgcc_s.so.1 (0x008d7000)
libc.so.6 => /lib/libc.so.6 (0x0060a000)
libpthread.so.0 => /lib/libpthread.so.0 (0x00792000)
libstdc++.so.6 => /usr/lib/libstdc++.so.6 (0x00930000)
libcrypto.so.6 => not found
```

```
libdl.so.2 => /lib/libdl.so.2 (0x0078b000)
librt.so.1 => /lib/librt.so.1 (0x007ac000)
libm.so.6 => /lib/libm.so.6 (0x00760000)
/lib/ld-linux.so.2 (0x005eb000)
```

4. INSTALL THE MISSING LIBRARY (USUALLY libssl.so.6)

```
[root natpass]# yum install openssl098e
```

```
Setting up Install Process
Parsing package install arguments
Resolving Dependencies
--> Running transaction check
---> Package openssl09..
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
==
Package            Arch    Version    Repository    Size
=====
Installing:
openssl098e       i386    0.9.7a-9   fedora        824 k
```

Transaction Summary

```
=====
==
Install    1 Package(s)
Update    0 Package(s)
Remove    0 Package(s)
Total download size: 824 k
Is this ok [y/N]: y
Downloading Packages:
(1/1): openssl097a-0.9.8e 100% |=====| 824 kB  00:00
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
  Installing: openssl098e          ##### [1/1]
Installed: openssl097a.i386 0:0.9.7a-9
Complete!
```

```
[rootbin]# ldd natpass
```

```
linux-gate.so.1 => (0x00110000)
libACE.so.5.5.0 => /usr/local/natpass/lib/libACE.so.5.5.0 (0x00111000)
libssl.so.4 => /lib/libssl.so.4 (0x00283000)
libresolv.so.2 => /lib/libresolv.so.2 (0x00b55000)
libgcc_s.so.1 => /lib/libgcc_s.so.1 (0x008d7000)
libc.so.6 => /lib/libc.so.6 (0x0060a000)
```

libpthread.so.0 => /lib/libpthread.so.0 (0x00792000)
libstdc++.so.6 => /usr/lib/libstdc++.so.6 (0x00930000)
libcrypto.so.4 => /lib/libcrypto.so.4 (0x002bc000)
libdl.so.2 => /lib/libdl.so.2 (0x0078b000)
librt.so.1 => /lib/librt.so.1 (0x007ac000)
libm.so.6 => /lib/libm.so.6 (0x00760000)
libgssapi_krb5.so.2 => /usr/lib/libgssapi_krb5.so.2 (0x003db000)
libkrb5.so.3 => /usr/lib/libkrb5.so.3 (0x00409000)
libcom_err.so.2 => /lib/libcom_err.so.2 (0x00c6f000)
libk5crypto.so.3 => /usr/lib/libk5crypto.so.3 (0x0049c000)
libz.so.1 => /lib/libz.so.1 (0x007bf000)
/lib/ld-linux.so.2 (0x005eb000)
libkrb5support.so.0 => /usr/lib/libkrb5support.so.0 (0x00ddf000)
libkeyutils.so.1 => /lib/libkeyutils.so.1 (0x00de9000)

5. *CONFIGURE NATPASS by EDITING ../cfg/Natpass.cfg FILE*

Please see documentation but basically replace all the values between [], including [IP]; [DOMAIN]; [DIR]. [DIR] should be /usr/local/natpass

6. *START THE APPLICATION*

[root bin]#./natpass_ctl start

NATPass FWC Started

7. *VERIFY IT IS RUNNING AND THE PORT IT IS LISTENING ON*

[root bin]#netstat -pan