

# Table of Contents

- OpenConnect Debian** ..... 3
- Normal connection ..... 3
- Invalid certificate ..... 3
- Use vpnc-script ..... 3
- Disable change of DNS alternative ..... 4
- References ..... 4



# OpenConnect Debian

Examples with openconnect v7.08

## Normal connection

```
#!/bin/bash

USERNAME="happyuser"
PASSWORD="H4ppyP4ssw0rd*"
URL="https://happyurl.com:4343"

sudo openconnect --passwd-on-stdin $URL -u $USERNAME <<< $PASSWORD
```

## Invalid certificate

```
#!/bin/bash

USERNAME="happyuser"
PASSWORD="H4ppyP4ssw0rd*"
URL="https://happyurl.com:4343"
SERVERCERT="sha256:1234567891234567897009feb116dcbe85b394fc0c1385f6ab09e2a123456789"

sudo openconnect --servercert $SERVERCERT --passwd-on-stdin $URL -u $USERNAME <<< $PASSWORD
```

To get the servercert parameter execute openconnect without parameter and check the output, find:

```
Certificate from VPN server "vpn-ca.cajadeande.fi.cr" failed verification.
Reason: signer not found
To trust this server in future, perhaps add this to your command line:
  --servercert
sha256:1234567891234567897009feb116dcbe85b394fc0c1385f6ab09e2a123456789
Enter 'yes' to accept, 'no' to abort; anything else to view: fgets (stdin):
Operation now in progress
```

## Use vpnc-script

I hate that openconnect change my /etc/resolv.conf file, follow this steps:

```
$ sudo cp /usr/share/vpnc-scripts/vpnc-script /etc/vpnc/
$ sudo vim /etc/vpnc/vpnc-script
```

Edit the file and comment the lines:

```
# if [ -n "$INTERNAL_IP4_DNS" ]; then
#     $MODIFYRESOLVCONF
# fi
```

Use this script:

```
#!/bin/bash

USERNAME="happyuser"
PASSWORD="H4ppyP4ssw0rd*"
URL="https://happyurl.com:4343"
SERVERCERT="sha256:1234567891234567897009feb116dcbe85b394fc0c1385f6ab09e2a123456789"

sudo openconnect --script /etc/vpnc/vpnc-script --servercert $SERVERCERT --passwd-on-stdin $URL -u $USERNAME <<< $PASSWORD
```

## Disable change of DNS alternative

Create a script `vpnc-script-no-dns` and put it in `/etc/vpnc/vpnc-script`:

```
#!/bin/bash
unset INTERNAL_IP4_DNS
# Replace the path below with the location where the original script is
located
exec /usr/share/vpnc-scripts/vpnc-script "$@"
```

Change the path of script.

## References

- <https://packages.debian.org/sid/all/vpnc-scripts/filelist>
- <http://frodo.looijaard.name/article/openconnect-using-your-own-dns>

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