

# Cloud Router Installation Guide

The software requires Debian GNU/Linux 7.0 or higher. Use the 64 bit version which is called amd64 under Linux. You can check your version by typing `dpkg --print-architecture` (which should return amd64) or `uname -m` (which should return x86\_64).

## Automatic Installation

For automatic installation type in a root terminal

```
wget -q ftp://share.netmodule.com/router/cloud/install.sh -O - | bash
```

This will install the dependencies and also the Cloud Router software.

After the package installation, the cloud router's control panel is available on <http://localhost>. You will have to define the administrator's password, the interface for Internet access, and some more things. Please follow the wizard.

See the [Cloud Router Manual](#) for further information.

## Installation Script

For further information here is the installation script. Home Agent depends on libgcc1, libc6, libstdc++6 and libevent-2.0-5.

The Cloud Router core depends on apache2, libapache2-mod-php5, openssl, strongswan, openvpn, php5, php5-sqlite, sqlite3, sudo, unzip, xl2tpd and zip

[install.sh](#)

```
#!/bin/bash

# usage
# wget -q ftp://share.netmodule.com/router/cloud/install.sh -O - | bash

installPackage() {
    package=$1
    packageName=$(dpkg -I $package | grep Package | cut -d: -f2 | sed
's/ //' )
    packageDescription=$(dpkg -I $package | grep Description: | cut -d:
-f2 | sed 's/ //' )
    dependencies=$(dpkg -I $package | grep Depends | cut -d: -f2 | sed
's/,//g' | sed 's/ //' )
    for dependency in "${dependencies[@]}"
    do
        if [ $(dpkg-query -W -f='${Status}\n' $dependency 2>/dev/null |
grep -c "ok installed") -eq 0 ]; then
            apt-get -y -qq install $dependency
        fi
    done
}
```

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```

        if [ $? -eq 0 ]; then
            echo "Installed dependency $dependency for
$packageDescription"
        else
            echo "Could not install dependency $dependency for
$packageDescription, aborting installation"
            exit 1
        fi
    fi
done
echo "Going to install $packageDescription"
dpkg -i $package > $package.install.log
if [ $(dpkg-query -W -f='${Status}\n' $packageName 2>/dev/null |
grep -c "ok installed") -ne 0 ]; then
    echo "Successfully installed $packageDescription
($packageName)"
else
    echo "$packageDescription ($packageName) could not be
installed"
    exit 1
fi
}

arch=$(dpkg --print-architecture)
version=1.1
# install home agent first so vpnportal can detect it
packages=(home-agent_${version}_${arch}.deb
vpnportal_${version}_${arch}.deb)
server="ftp://share.netmodule.com/router/cloud/"
echo "==== Installation ====="
echo "Updating APT packet sources ..."
apt-get -qq update
for package in "${packages[@]}"
do
    echo "Downloading $package from $server ..."
    wget -q $server$package -O $package
    if [ -e $package -a -s $package ]; then
        installPackage $package
    else
        echo "could not download and install $package, skipping"
    fi
done
sleep 3
echo "==== Service Status ====="
services=(apache2 openvpn@vpnportal openvpn@vpnportal_autosetup ipsec
xl2tpd home-agent vpnportal)

```

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```
for service in "${services[@]"; do service $service status; done |
grep -e '.service\|Active' | grep -v CGroup
echo "==== Getting Started ====="
myIp=$(ip route get 8.8.8.8 | head -1 | cut -d' ' -f8)
echo "Browse to http://$myIp"
```

## Uninstall Cloud Router

```
# check what is installed: dpkg -l | grep NetModule
dpkg -r vpnportal
dpkg -r home-agent
```

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