

Installing Accel-ppp on Raspberry Pi OS

Introduction

- The Accel-ppp project has quite a lot documentation available along with forums which you can go through to gather information.
- Their install instructions for Debian served as a reference for the instructions on this page.
- <https://docs.accel-ppp.org/installation/debian.html>

Install Instructions

- Install the following packages:

```
apt-get install -y build-essential cmake gcc linux-headers-`uname -r` git  
libpcrc3-dev libssl-dev liblua5.1-0-dev
```

- Checkout the latest git source code:

```
sudo git clone https://github.com/accel-ppp/accel-ppp.git /opt/accel-ppp-  
code
```

- Create directory for build source code and go to this directory.

```
sudo mkdir /opt/accel-ppp-code/build  
cd /opt/accel-ppp-code/build/
```

- Generate the Makefile:

```
cmake -DBUILD_IPOE_DRIVER=TRUE -DBUILD_VLAN_MON_DRIVER=TRUE -  
DCMAKE_INSTALL_PREFIX=/usr -DKDIR=/usr/src/linux-headers-`uname -r` -  
DLUA=TRUE -DCPACK_TYPE=Debian12 ..
```



Remember the .. at the end of the statement. It sets the path to the accel-ppp source code. **Do not delete this!** Alternatively you can replace it with the full path to the accel-ppp source code like `/opt/accel-ppp-code/`

- Compile

```
sudo make
```

- Create a DEB package

```
sudo cpack -G DEB
```

- Install the package

```
sudo dpkg -i accel-ppp.deb
```

- If the install went OK you can use the reference config file and make it active

```
sudo mv /etc/accel-ppp.conf.dist /etc/accel-ppp.conf
```

- See if it starts up. It should start up with the default config file

```
sudo systemctl start accel-ppp  
sudo systemctl status accel-ppp
```

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https://radiusdesk.com/wiki/getting_started/12_install_pi_accel

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