

# Troubleshooting RADIUSdesk Accel-ppp Agent

- This page will explain some of the working of the RADIUSdesk Accel-ppp Agent as well as some troubleshooting tips.

## Startup

- The rd.local startup script does three things
  - Configure IP Table rules for NAT.
  - Run the /etc/MESHdesk/u.lua script to fetch the Accel-ppp config from RADIUSdesk.
  - Start the /etc/MESHdesk/heartbat.lua script to start reporting back to RADIUSdesk.

## u.lua

- You can run u.lua manually to see if it fetches its settings

```
cd /etc/MESHdesk
sudo ./u.lua
E4-5F-01-41-59-70
% Total    % Received % Xferd  Average Speed   Time    Time     Time
Current
                        Dload  Upload  Total  Spent  Left
Speed
100 2382    0 2382    0    0 14699    0  --:--:--  --:--:--  --:--:--
14795
Restarting accel-ppp (via systemctl): accel-ppp.service.
```

- You can confirm that the config was proper formulated and everything is in order with `/etc/accel-ppp.conf`

```
sudo cat /etc/accel-ppp.conf
```

- You can also do the Ajax call which u.lua does from a browser to evaluate the JSON data that RADIUSdesk returns.
- [https://cloud.radiusdesk.com/cake4/rd\\_cake/accel-servers/get-config-for-server.json?mac=64-64-4A-D1-2D-67](https://cloud.radiusdesk.com/cake4/rd_cake/accel-servers/get-config-for-server.json?mac=64-64-4A-D1-2D-67)
- Use the above URL as reference and replace the FQDN with your server's FQDN or IP Address and also the MAC Address with your device's MAC Address.
- The second part that might need troubleshooting is the reporting side.

## report\_to\_server.lua

- You can run the reporting script manually:

```
cd /etc/MESHdesk/reporting
sudo ./report_to_server.lua
```

- You should see something like the following in the output:

```

% Total      % Received % Xferd  Average Speed   Time    Time       Time
Current
                                Dload  Upload  Total   Spent    Left
Speed
100 1939    0    39 100 1900    226  11024  --:--:--  --:--:--  --:--:--
11273
{
  "success": true,
  "data": []
}
Doing the *light* report

```

## Using accel-cmd

- For security reasons we implement a password when using **accel-cmd**.
- This password is specified on the Profile of a server.
- You can find the password by looking at the profile on RADIUSdesk's side or by looking at the config file on the device running Accel-ppp.

```

[cli]
password=testing123
telnet=127.0.0.1:2000
verbose=1
tcp=127.0.0.1:2001

```

- A command will then look like this with the password above.

```

accel-cmd -P testing123 show stat
accel-cmd -P testing123 show sessions

```

From: <http://radiusdesk.com/wiki/> - **RADIUSdesk**

Permanent link: <http://radiusdesk.com/wiki/technical/ppp-rd-troubleshoot>

Last update: **2023/11/07 23:32**

