



Q: How to enable the debugging switch?

A:

1. Old command line - VRP1.4\VRP1.5\VRP1.6

In configuration mode Quidway(config)#

Input:

```
Quidway(config)#logging on
```

```
Quidway(config)#logging con (This command is enough in case of Console port.
```

```
The logging mon command is also needed in case of Telnet.)
```

```
quidway#debug ppp packet
```

Common debugging switches:

```
> debug isdn q921
```

```
> debug isdn q931
```

```
> debug isdn cc (may not exist; does not matter)
```

After debugging, disable the debugging switch to save system resources!

2. New command line VRP1.74

Process:

```
[Router]info-center enable
```

Console port:

```
[Router]info-center console
```

```
[Router]info-center console debug
```

Telnet:

```
[Router]info-center monitor
```

```
[Router]info-center monitor debug
```

Take the debugging of PPP (link layer protocol) packets as an example:

```
[Router]debugging ppp packet
```

Note:

1. In privilege mode, the **display debug** command can be used to see which debugging switches are enabled.

2. Enabling the debugging switch may affect the router performance to some extent. Therefore, disable the debugging switch promptly after debugging by using the command **[Router]undo debug all** or pressing **Ctrl+D**.

3. New command line VRP3.3

```
ter mon
```

```
ter debug
```

```
*****
```

How to enable the PPP debugging switch on the NE80 8011

```
debug lpu slotnum ppp subcardnum portnum
```

```
term debug
```

```
term monitor
```

```
set moni chan con
```

```
*****
```