

MB8000 Advanced Configurations

Advanced PPP parameters

MB8000 provides the end user options to configure some advanced PPP parameters so that it can get better performance in the PPP link.

In MB8000 Web GUI->Advanced->PPP:

SetUp — PPP — PPP Advanced settings

Local ACCM Negotiation Status:

Local ACCM:

Local PFC Negotiation Status:

Local ACFC Negotiation Status:

Local VJC Negotiation Status:

Remote VJC Negotiation Status:

There are 4 parameters ACCM, PFC, ACFC and VJC. Those parameters are mostly relative with data compress in the PPP link and needs to be negotiated with the network side to determine how to use them.

- **Local ACCM Negotiation Status:** Indicates whether MB8000 negotiates ACCM with peer.
- **Local ACCM:** The value of local ACCM.
- **Local PFC Negotiation Status:** Indicates whether MB8000 negotiates PFC with peer.
- **Local ACFC Negotiation Status:** Indicates whether MB8000 negotiates ACFC with peer
- **Local VJC Negotiation Status:** Indicates whether MB8000 negotiates VJC with peer
- **Remote VJC Negotiation Status:** Indicates how MB8000 to response the negotiation request from peer.

In the default configurations, ACCM, PFC and ACFC is enabled. VJC is disabled. Some Operators network can accept such configurations and even can accept the VJC. But there are still quite a little bit Operators can't accept such configurations. In such case, if ACCM, PFC and ACFC is enabled, MB will fail in the dial up. So if you find MB8000 failed to get dialing in and the log items shows "No supported protocol", you must disable ACCM, PFC and ACFC.

Private IP Filter

The Private network filter is used to prevent some packets from being sent to Internet, which destination IP address are in the private network range. Some operators will look the packet with private IP address as some kind of attack and may terminate the MB PPP link. If you feel MB is dropped frequently, you may enable the private IP filter. In the Web GUI->Advanced->Filter:

SetUp — security — Filter

MAC Access Control Status: ▾

MAC Access Control Operation Type: ▾

MAC Access Table:

MAC Address	Comment	EntryStatus
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Private Network Filter:

Status: ▾

Select Enable and click OK. Reboot MB8000 to take effect. The Private IP filter will be enabled.