
SNMP Monitoring

<https://campus.barracuda.com/doc/5799979/>

Your SNMP monitor or other network management program can query the Barracuda Link Balancer SNMP agent for WAN link traffic statistics, volume of traffic going to and from the LAN, and hardware status. You can also receive SNMP traps generated if the WAN links become unavailable or if the Barracuda Link Balancer exceeds certain thresholds such as disk space usage.

Configure SNMP

To allow and configure SNMP access to the Barracuda Link Balancer,

1. Log into the Barracuda Link Balancer web interface.
2. Navigate to the **BASIC > Administration** page.
3. In the **SNMP** section, enable the Barracuda Link Balancer to accept and respond to SNMP queries.
4. Set the SNMP version to v2c or v3 depending on your requirements.
5. Update the SNMP community string.
6. In the **Allowed SNMP IP/Range** field, enter a range of IP addresses allowed to connect to the Barracuda Link Balancer using SNMP.
7. In the **SNMP Traps** section, configure IP addresses to send SNMP traps.
8. Click **Save Changes**.

An SNMP monitor can access the Barracuda Link Balancer via any of the WAN or LAN IP addresses, although you should use the LAN in case one of the WAN links goes down. Obtain and import these two MIB files to your SNMP monitor:

- *The Barracuda Link Balancer MIB*
- *The Barracuda Reference MIB* (standard across all Barracuda Networks products).

The MIB files are located on the Barracuda Link Balancer and can be obtained by replacing *[LB IP]* in the following URLs with the management IP address of your Barracuda Link Balancer:

- [http://\[LB IP\]:8000/Barracuda-BWB-MIB.txt](http://[LB IP]:8000/Barracuda-BWB-MIB.txt)
- [http://\[LB IP\]:8000/Barracuda-REF-MIB.txt](http://[LB IP]:8000/Barracuda-REF-MIB.txt)

SNMP Traps

An SNMP trap is generated by the Barracuda Link Balancer SNMP agent every five minutes under any

of the following conditions:

- CPU temperature exceeds its threshold.
- System temperature exceeds its threshold.
- CPU fan is dead.
- System fan is dead.
- Firmware storage exceeds its threshold.
- Log storage utilization exceeds its threshold.
- WANx is down.
- WANx is up.
- WANx reaches configured saturation threshold.
- A high availability state change occurred.

Traps are sent to the SNMP trap receivers specified on the **BASIC > Administration** page. When any event is first noted, an email alert is sent to the system alerts email address specified on the **BASIC > Administration** page. If an error condition continues to be detected, an email is sent every hour to the same email address.

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