
Monitoring and Reporting

<https://campus.barracuda.com/doc/96026541/>

The Barracuda CloudGen Firewall offers multiple audit and reporting functionalities to help you monitor activities throughout your network.

Firewall Auditing

FW audit is a strictly chronological log of all sessions and events on your Barracuda CloudGen Firewall.

For more information, see [FW Audit](#).

Reporting Networking Information with IPFIX

Report networking information based on the IPFIX protocol to external collectors by enabling IPFIX streaming.

For more information, see [Reporting of Network Flow Information with IPFIX](#).

Box-Level Monitoring

Monitor network routes and, if you are using a high availability cluster, the HA partner unit. HA units can also use an additional network connection for heartbeat communication.

For more information, see [How to Configure Box-Level Monitoring](#).

HA Monitoring

Configure monitoring policies for your services. You can define monitoring targets as IP addresses (layer-3 monitoring) and, optionally, interfaces (layer-2 monitoring).

For more information, see [HA Monitoring](#).

Hardware, Disk, and CPU Load Monitoring

Enable hardware monitoring and specify watermark settings for disk monitoring. To monitor the CPU load of the Barracuda CloudGen Firewall, you can limit the number of processes simultaneously waiting for execution.

For more information, see [How to Configure CPU Load, Hardware and Disk Monitoring](#).

SNMP Monitoring

SNMP allows a Network Management System (NMS) to remotely monitor the network and system state of the Barracuda CloudGen Firewall. You can configure important events to send SNMP traps.

For more information, see [How to Configure the SNMP Service](#).

Configure Revision Control System Monitoring (RCS)

The Revision Control System (RCS) provides information on all configuration changes. You can also view, retrieve, and revert older configuration versions.

For more information, see [How to Configure Revision Control System Monitoring \(RCS\)](#).

Logs

View and manage log entries for system processes and services running on the Barracuda CloudGen Firewall.

For more information, see [Logging](#).

Statistics

The Barracuda CloudGen Firewall generates statistical entries for each service and module. You can

view statistics for disk utilization, processor load, network traffic, and box and service processes.

For more information, see [Statistics](#).

Events

Events help you keep track of important system and access notifications. The Barracuda CloudGen Firewall creates events for special system processes in the operating system, infrastructure, services, etc. You can configure the type of notification the event sends, when triggered.

For more information, see [Events](#).

Watchdog

The Barracuda CloudGen Firewall watchdog daemon monitors system processes and resources and executes repairs if necessary. It can also reboot the system if it detects that the system has become unresponsive or unstable.

For more information, see [Watchdog](#).

Barracuda Firewall Report Creator

The Barracuda Firewall Report Creator creates reports containing statistics and logs that are collected on Barracuda CloudGen Firewall units, including user activities, applications, and URL categories. You can also generate collective reports for multiple firewalls simultaneously.

For more information, see [Barracuda Report Creator](#).

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