

LOGZILLA DOCUMENTATION

Syslog Settings

Configure the LogZilla syslog-ng listener ports, buffering, debug logging, TLS, and PCI-compliant capture from the Syslog Daemon settings pane

Syslog Settings

The Syslog Daemon settings page configures the built-in syslog-ng listeners: ports, buffering, debug logging, and PCI-compliant capture.

For device or application setup, see Receiving Data. For advanced pipeline customization using `config.yaml` and `conf.d/`, see [Syslog pipeline customization](https://www.logzilla.ai/docs/administration/syslog-pipeline-customization) (<https://www.logzilla.ai/docs/administration/syslog-pipeline-customization>).

Location in UI

- Settings → System Settings → Syslog Daemon

Listener ports

The following fields appear in the Syslog Daemon settings pane. Enter a port number to enable the listener, or leave 0 to disable it.

Field (UI label)	Protocol
Syslog Bsd Tcp Port	BSD RFC3164 TCP
Syslog Bsd Udp Port	BSD RFC3164 UDP
Syslog Rfc5424 Port	RFC5424 TCP
Syslog Json Port	JSON over TCP
Syslog Raw Tcp Port	Raw TCP
Syslog Raw Udp Port	Raw UDP
Syslog Tls Port	TLS

Application Ports

LogZilla provides dedicated syslog ports for vendors whose log format requires separate handling. These are configured under **Settings → System Settings → Application Ports**. Enter a port number in the matching field to enable reception, or leave it set to 0 to disable it.

Setting	Covers
Syslog Arista Eos Port	Arista EOS switches
Syslog Checkpoint Port	Check Point firewalls
Syslog Datapower Port	IBM DataPower gateways
Syslog Dell N Series Port	Dell N-Series switches
Syslog Fireeye Port	FireEye appliances
Syslog Infoblox Port	Infoblox NIOS (DNS, DHCP, audit, ADP)
Syslog Meraki Port	Cisco Meraki devices
Syslog Paloalto Port	Palo Alto firewalls
Syslog Paloalto Sdwan Ion Port	Palo Alto Prisma SD-WAN ION appliances
Syslog Symantec Port	Symantec Endpoint Protection
Syslog Unifi Port	Ubiquiti UniFi devices
Syslog Vmware Port	VMware ESXi and vCenter

Notes:

- TLS requires valid cert and key files. The paths are set in the `Syslog Tls Cert File` and `Syslog Tls Key File` fields on the same settings page.

Flow control and buffering

The following fields control queue behavior and buffer sizing:

- Syslog Max Connections
- Syslog Flow Control
- Syslog Disk Buffer
- Syslog Buffer Reliable
- Syslog Memory Buffer Size Mb
- Syslog Memory Buffer Length
- Syslog Disk Buffer Size Mb

Destination batching

- Syslog Destination Workers
- Syslog Destination Batch Lines
- Syslog Destination Batch Timeout

Debug logging

- Syslog Debug - writes to `/var/log/logzilla/syslog/debug.log`
- Syslog Debug Json - writes to `/var/log/logzilla/syslog/debug-json.log`

Important:

- Disable debug toggles after troubleshooting to reduce load and disk usage.

PCI compliant logs

- Pci Compliant Logs - writes to `/var/log/logzilla/pci-compliant/`

Extra log rules (advanced)

- Syslog Extra Log Rules - injects directives into the main `log {}` section. Use carefully. For full customization, see [Syslog pipeline customization](https://www.logzilla.ai/docs/administration/syslog-pipeline-customization) (<https://www.logzilla.ai/docs/administration/syslog-pipeline-customization>).

Managing these settings from the command line

The same fields are available via the CLI. Use `logzilla config list` and `logzilla config update` rather than `logzilla settings list`/`logzilla settings update`. The CLI uses the underlying field names in UPPER_SNAKE_CASE:

UI field	CLI key
Syslog Bsd Udp Port	SYSLOG_BSD_UDP_PORT
Syslog Bsd Tcp Port	SYSLOG_BSD_TCP_PORT
Syslog Rfc5424 Port	SYSLOG_RFC5424_PORT
Syslog Json Port	SYSLOG_JSON_PORT
Syslog Raw Tcp Port	SYSLOG_RAW_PORT

UI field	CLI key
Syslog Raw Udp Port	SYSLOG_RAW_UDP_PORT
Syslog Tls Port	SYSLOG_TLS_PORT
Syslog Tls Cert File	SYSLOG_TLS_CERT_FILE
Syslog Tls Key File	SYSLOG_TLS_KEY_FILE
Syslog Max Connections	SYSLOG_MAX_CONNECTIONS
Syslog Flow Control	SYSLOG_FLOW_CONTROL
Syslog Disk Buffer	SYSLOG_DISK_BUFFER
Syslog Buffer Reliable	SYSLOG_BUFFER_RELIABLE
Syslog Memory Buffer Size Mb	SYSLOG_MEMORY_BUFFER_SIZE_MB
Syslog Memory Buffer Length	SYSLOG_MEMORY_BUFFER_LENGTH
Syslog Disk Buffer Size Mb	SYSLOG_DISK_BUFFER_SIZE_MB
Syslog Destination Workers	SYSLOG_DESTINATION_WORKERS
Syslog Destination Batch Lines	SYSLOG_DESTINATION_BATCH_LINES
Syslog Destination Batch Timeout	SYSLOG_DESTINATION_BATCH_TIMEOUT
Syslog Debug	SYSLOG_DEBUG
Syslog Debug Json	SYSLOG_DEBUG_JSON
Pci Compliant Logs	PCI_COMPLIANT_LOGS
Syslog Extra Log Rules	SYSLOG_EXTRA_LOG_RULES

Related topics

- [Syslog troubleshooting](https://www.logzilla.ai/docs/administration/syslog-troubleshooting) (https://www.logzilla.ai/docs/administration/syslog-troubleshooting)
- [Syslog basics](https://www.logzilla.ai/docs/administration/syslog-basics) (https://www.logzilla.ai/docs/administration/syslog-basics)