

LOGZILLA DOCUMENTATION

Receiving SNMP Traps

Enable the LogZilla SNMP trap daemon from the System Settings UI or CLI, set UDP port 162, and verify trap reception with program and facility filters

Receiving Data in LogZilla · Generated April 29, 2026 · logzilla.ai/docs/receiving-data/receiving-snmp-traps

Receiving SNMP Traps

LogZilla can receive SNMP traps via the built-in SNMP trap daemon. The module can be enabled and configured in the web interface.

Enable in the UI

Open `Settings` → `System Settings` → `SNMPTrapd`.

Set the following fields as required:

- `SNMPTrapd Enabled` → `On`
- `SNMPTrapd Port` → `162 (UDP)`
- `SNMPTrapd Severity` → default `INFO`
- `SNMPTrapd Facility` → default `LOCAL0`
- `SNMPTrapd Program` → default `SNMPTrap`
- `SNMPTrapd Format` → default `format compatible with snmptrapd (8)`

Click `Save changes`.

Notes:

- Defaults and field meanings are defined by the `SNMPTrapd` settings model: `SNMPTRAPD_ENABLED`, `SNMPTRAPD_PORT`, `SNMPTRAPD_SEVERITY`, `SNMPTRAPD_FACILITY`, `SNMPTRAPD_PROGRAM`, and `SNMPTRAPD_FORMAT`.
- If the module does not start automatically after enabling, restart services.

Verify reception

From a device or a test sender, deliver a trap to the LogZilla host on UDP port `162`.

In LogZilla, search for traps using:

- `program: "SNMPTrap"` (or the configured program value), and/or
- `facility: LOCAL0` (or the configured facility), and/or
- text from the configured `SNMPTRAPD_FORMAT`.

For packet-level checks, use the procedures in [Syslog Troubleshooting](https://www.logzilla.ai/docs/administration/syslog-troubleshooting) (<https://www.logzilla.ai/docs/administration/syslog-troubleshooting>).

Optional CLI Configuration

The `logzilla settings` command can be used to configure the SNMP trap daemon from the command line.

```
# Enable and set the UDP port
logzilla settings update SNMPTRAPD_ENABLED=true SNMPTRAPD_PORT=162

# Set event fields
logzilla settings update \
  SNMPTRAPD_SEVERITY=INFO \
  SNMPTRAPD_FACILITY=LOCAL0 \
  SNMPTRAPD_PROGRAM=SNMPTrap

# Set a custom snmptrapd(8) message format when needed
logzilla settings update \
  SNMPTRAPD_FORMAT='Enterprise OID: %N, Trap Type: %W, Trap Sub-Type: %q, Uptime: %T, Description:
  %W, PDU Attribute/Value Pair Array: %v'

# Apply if a restart is required
logzilla restart
```

Related topics

- [Server Settings](https://www.logzilla.ai/docs/administration/server-settings) (https://www.logzilla.ai/docs/administration/server-settings)
- [Syslog Troubleshooting](https://www.logzilla.ai/docs/administration/syslog-troubleshooting) (https://www.logzilla.ai/docs/administration/syslog-troubleshooting)