

Juniper Networks Enterprise-Specific SNMP Version 1 Traps

JUNOS Software supports enterprise-specific SNMP version 1 traps shown in Table 1. The traps are organized first by trap category and then by trap name. The system logging severity levels are listed for those traps that have them. Traps that do not have corresponding system logging severity levels are marked with an en dash (–).

For more information about system log messages, see the *JUNOS System Log Messages Reference*. For more information about configuring system logging, see the *JUNOS System Basics Configuration Guide*. To view the Juniper Networks enterprise-specific SNMP version 2 traps, see Juniper Networks Enterprise-Specific SNMP Version 2 Traps. For more information about chassis traps, see Chassis Traps.

Table 1 lists the Juniper Networks enterprise-specific supported SNMP version 1 traps.

Table 1: Juniper Networks Enterprise-Specific Supported SNMP Version 1 Traps

Defined in	Trap Name	Enterprise ID	Generic Trap Number	Specific Trap Number	System Logging Severity Level	System Log Tag	Supported on
Chassis Notifications (Alarm Conditions)							
<i>Chassis MIB</i> (jnx-chassis.mib)	jnxPowerSupplyFailure	1.3.6.1.4.1.2636.4.1	6	1	Warning	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxFanFailure	1.3.6.1.4.1.2636.4.1	6	2	Critical	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxOverTemperature	1.3.6.1.4.1.2636.4.1	6	3	Alert	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxRedundancySwitchOver	1.3.6.1.4.1.2636.4.1	6	4	Critical	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxFruRemoval	1.3.6.1.4.1.2636.4.1	6	5	Notice	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxFruInsertion	1.3.6.1.4.1.2636.4.1	6	6	Notice	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.

Table 1: Juniper Networks Enterprise-Specific Supported SNMP Version 1 Traps (continued)

Defined in	Trap Name	Enterprise ID	Generic Trap Number	Specific Trap Number	System Logging Severity Level	System Log Tag	Supported on
	jnxFruPowerOff	1.3.6.1.4.1.2636.4.1	6	7	Notice	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxFruPowerOn	1.3.6.1.4.1.2636.4.1	6	8	Notice	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxFruFailed	1.3.6.1.4.1.2636.4.1	6	9	Warning	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxFruOffline	1.3.6.1.4.1.2636.4.1	6	10	Notice	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxFruOnline	1.3.6.1.4.1.2636.4.1	6	11	Notice	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxFruCheck	1.3.6.1.4.1.2636.4.1	6	12	Warning	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxFEBSwitchover	1.3.6.1.4.1.2636.4.1	6	13	Warning	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxHardDiskFailed	1.3.6.1.4.1.2636.4.1	6	14	Warning	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxHardDiskMissing	1.3.6.1.4.1.2636.4.1	6	15	Warning	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.
	jnxPowerSupplyOk	1.3.6.1.4.1.2636.4.2	6	1	Critical	CHASSISD_ SNMP_ TRAP	All devices running JUNOS Software.

Table 1: Juniper Networks Enterprise-Specific Supported SNMP Version 1 Traps (continued)

Defined in	Trap Name	Enterprise ID	Generic Trap Number	Specific Trap Number	System Logging Severity Level	System Log Tag	Supported on
	jnxFanOK	1.3.6.1.4.1.2636.4.2	6	2	Critical	CHASSISD_SNMP_TRAP	All devices running JUNOS Software.
	jnxTemperatureOK	1.3.6.1.4.1.2636.4.2	6	3	Alert	CHASSISD_SNMP_TRAP	All devices running JUNOS Software.
Configuration Notifications							
<i>Configuration Management MIB (jnx-configmgmt.mib)</i>	jnxCmCfgChange	1.3.6.1.4.1.2636.4.5	6	1	-	-	All devices running JUNOS Software.
	jnxCmRescueChange	1.3.6.1.4.1.2636.4.5	6	2	-	-	All devices running JUNOS Software.

Table 1: Juniper Networks Enterprise-Specific Supported SNMP Version 1 Traps (continued)

Defined in	Trap Name	Enterprise ID	Generic Trap Number	Specific Trap Number	System Logging Severity Level	System Log Tag	Supported on
Link Notifications							
<i>Flow Collection Services MIB (jnx-coll.mib)</i>	jnxCollUnavailableDest	1.3.6.1.4.1.2636.4.8	6	1	–	–	Devices that run JUNOS Software and have collector PICs installed.
	jnxCollUnavailableDestCleared	1.3.6.1.4.1.2636.4.8	6	2	–	–	Devices that run JUNOS Software and have collector PICs installed.
	jnxCollUnsuccessfulTransfer	1.3.6.1.4.1.2636.4.8	6	3	–	–	Devices that run JUNOS Software and have collector PICs installed.
	jnxCollFlowOverload	1.3.6.1.4.1.2636.4.8	6	4	–	–	Devices that run JUNOS Software and have collector PICs installed.
	jnxCollFlowOverloadCleared	1.3.6.1.4.1.2636.4.8	6	5	–	–	Devices that run JUNOS Software and have collector PICs installed.
	jnxCollMemoryUnavailable	1.3.6.1.4.1.2636.4.8	6	6	–	–	Devices that run JUNOS Software and have collector PICs installed.
	jnxCollMemoryAvailable	1.3.6.1.4.1.2636.4.8	6	7	–	–	Devices that run JUNOS Software and have collector PICs installed.
	jnxCollFtpSwitchover	1.3.6.1.4.1.2636.4.8	6	8	–	–	Devices that run JUNOS Software and have collector PICs installed.

Table 1: Juniper Networks Enterprise-Specific Supported SNMP Version 1 Traps (continued)

Defined in	Trap Name	Enterprise ID	Generic Trap Number	Specific Trap Number	System Logging Severity Level	System Log Tag	Supported on
<i>Passive Monitoring MIB</i> (jnx-pmon.mib)	jnxPMonOverloadSet	1.3.6.1.4.1.2636.4.7.0.1	6	1	–	–	Devices that run JUNOS Software and have PICs that support passive monitoring installed.
	jnxPMonOverloadCleared	1.3.6.1.4.1.2636.4.7.0.2	6	2	–	–	Devices that run JUNOS Software and have PICs that support passive monitoring installed.
<i>SONET APS MIB</i> (jnx-sonetaps.mib)	apsEventChannelMismatch	1.3.6.1.4.1.2636.3.24.2	6	3	–	–	Devices that run JUNOS Software and have SONET PICs installed.
	apsEventPSBF	1.3.6.1.4.1.2636.3.24.2	6	4	–	–	Devices that run JUNOS Software and have SONET PICs installed.
	apsEventFEPLF	1.3.6.1.4.1.2636.3.24.2	6	5	–	–	Devices that run JUNOS Software and have SONET PICs installed.
Remote Operations							
<i>PING MIB</i> (jnx-ping.mib)	jnxPingRttThresholdExceeded	1.3.6.1.4.1.2636.4.9	6	1	–	–	All devices running JUNOS Software.
	jnxPingRttStdDevThreshold Exceeded	1.3.6.1.4.1.2636.4.9	6	2	–	–	All devices running JUNOS Software.
	jnxPingRttJitterThreshold Exceeded	1.3.6.1.4.1.2636.4.9	6	3	–	–	All devices running JUNOS Software.

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Defined in	Trap Name	Enterprise ID	Generic Trap Number	Specific Trap Number	System Logging Severity Level	System Log Tag	Supported on
	jnxPingEgressThreshold Exceeded	1.3.6.1.4.1.2636.4.9	6	4	–	–	All devices running JUNOS Software.
	jnxPingEgressStdDev ThresholdExceeded	1.3.6.1.4.1.2636.4.9	6	5	–	–	All devices running JUNOS Software.
	jnxPingEgressJitter ThresholdExceeded	1.3.6.1.4.1.2636.4.9	6	6	–	–	All devices running JUNOS Software.
	jnxPingIngressThreshold Exceeded	1.3.6.1.4.1.2636.4.9	6	7	–	–	All devices running JUNOS Software.
	jnxPingIngressStddevThreshold Exceeded	1.3.6.1.4.1.2636.4.9	6	8	–	–	All devices running JUNOS Software.
	jnxPingIngressJitterThreshold Exceeded	1.3.6.1.4.1.2636.4.9	6	9	–	–	All devices running JUNOS Software.
Routing Notifications							
<i>BFD Experimental MIB</i> jnx-bfd-exp.mib	bfdSessUp	1.3.6.1.4.1.2636.5.3.1	6	1	–	–	All devices running JUNOS Software.
	bfdSessDown	1.3.6.1.4.1.2636.5.3.1	6	2	–	–	All devices running JUNOS Software.
<i>LDP MIB</i> (jnx-ldp.mib)	jnxLdpLspUp	1.3.6.1.4.1.2636.4.4	6	1	–	–	M, T, and MX Series routers.
	jnxLdpLspDown	1.3.6.1.4.1.2636.4.4	6	2	–	–	M, T, and MX Series routers.
	jnxLdpSesUp	1.3.6.1.4.1.2636.4.4	6	3	–	–	M, T, and MX Series routers.
	jnxLdpSesDown	1.3.6.1.4.1.2636.4.4	6	4	–	–	M, T, and MX Series routers.

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Defined in	Trap Name	Enterprise ID	Generic Trap Number	Specific Trap Number	System Logging Severity Level	System Log Tag	Supported on
<i>MPLS MIB</i> (jnx-mpls.mib)	mplsLspUp (Deprecated)	1.3.6.1.4.1.2636.3.2.4	6	1	–	–	
	mplsLspDown (Deprecated)	1.3.6.1.4.1.2636.3.2.4	6	2	–	–	
	mplsLspChange (Deprecated)	1.3.6.1.4.1.2636.3.2.4	6	3	–	–	
	mplsLspPathDown (Deprecated)	1.3.6.1.4.1.2636.3.2.4	6	4	–	–	
<i>VPN MIB</i> (jnx-vpn.mib)	jnxVpnIfUp	1.3.6.1.4.1.2636.3.2.6	6	1	–	–	M, T, and MX Series routers.
	jnxVpnIfDown	1.3.6.1.4.1.2636.3.2.6	6	2	–	–	M, T, and MX Series routers.
	jnxVpnPwUp	1.3.6.1.4.1.2636.3.2.6	6	3	–	–	M, T, and MX Series routers.
	jnxVpnPwDown	1.3.6.1.4.1.2636.3.2.6	6	4	–	–	M, T, and MX Series routers.
RMON Alarms							
<i>RMON MIB</i> (jnx-rmon.mib)	jnxRmonAlarmGetFailure	1.3.6.1.4.1.2636.4.3	6	1	–	–	All devices running JUNOS Software.
	jnxRmonGetOk	1.3.6.1.4.1.2636.4.3	6	2	–	–	All devices running JUNOS Software.
SONET Alarms							
<i>SONET MIB</i> (jnx-sonet.mib)	jnxSonetAlarmSet	1.3.6.1.4.1.2636.4.6	6	1	–	–	Devices that run JUNOS Software and have SONET PICs installed.
	jnxSonetAlarmCleared	1.3.6.1.4.1.2636.4.6	6	2	–	–	Devices that run JUNOS Software and have SONET PICs installed.

- Related Topics**
- Juniper Networks Enterprise-Specific SNMP Traps
 - Standard SNMP Traps Supported on Devices Running JUNOS Software

- Juniper Networks Enterprise-Specific MIBs
- Standard SNMP MIBs Supported by JUNOS Software

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