

## Solutions: Cisco & DHCP

**Description:** The Longitude Cisco and DHCP solutions provide out-of-the-box monitoring for your network. Longitude proactively monitors key performance metrics to ensure that your environment is running optimally and alerts you when there is a problem. Longitude also provides pre-configured, on-demand reports and graphs of key performance metrics to help you proactively take action and ensure maximum availability.

Rule	Description
<b>Cisco</b>	
Cis_BadCommNameAlert	Reports when attempts are made to connect to the Cisco Device via SNMP with an incorrect Community Name.
Cis_HighBandwidthUtil	Reports High Bandwidth Utilization.
Cis_PktErrors	Reports when a High Number of IP Packet errors are detected.
Cis_TCPConnections	Reports when a High Number of TCP Connections are detected.
Cis_TCPErrors	Reports when a High Number of TCP errors are detected.
Cis_TCPRetransmits	Reports when a High Number of TCP Retransmits are detected.
Cis_UDPErrors	Reports when a High Number of UDP errors are detected.
Cis_LongQLen	Reports when a long Output Queue Length is detected.
Cis_TotalSecurityViolations	Reports MIP Security Violations.
Cis_MobileIPtrap	Reports Cisco Mobile IP Events.
Cis_ParamsReset	Reports when device parameter changes via SNMP have been detected.
Cis_StatusCheck	Reports a Cisco Device Status if other than Operational.
Cis_HighIcmpErrors	Reports when a High Number of ICMP errors are detected.
<b>DHCP</b>	
Dcp_ServiceNotRunning	Reports when either the SNMP or DHCP service is not running.
Dcp_LowFreeAddresses	Reports when the number of free addresses in a scope is low.
Dcp_LowTotalFreeAddresses	Reports when the total number of free addresses across scopes is low.



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