# BNSI QoS Alarm

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| **Version** | **Date** | **Author** | **Description** |
| 0.0 | 16th Nov 2011 | Chris Janes | Original |
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## Description

This policy

## From HLD:

BNSI Critical Threshold Crossed alarms should generate when predefined monitoring thresholds for disk space are crossed. The monitoring is to be done via an agent running on the monitored servers. A TT should be generated after 5 minutes.



## Pre-requisite

Map added into TSRM between EventId NET\_IN\_QOS\_001 and classification “QOS ALARM”

## Event Filter:

|  |  |  |  |
| --- | --- | --- | --- |
| **Alarm description** | **Field** | **Value** | **EventId** |
| BNSI QOS alarm | Summary | RtpAudMgr01:Cpu utilization too high, 100 % now, | NET\_IN\_QOS\_001 |
|  | Summary | RtpAccYaat01:Database operation failed in step [reading table contents (T)], [EDBIOTHERERROR]., | NET\_IN\_QOS\_001 |
|  | Summary | configMgmt: NTP Check failed for NE node inxxcey-corey. Cause: 4 | NET\_IN\_QOS\_001 |
|  | Summary | connection to the DB:T001 subsystem via | NET\_IN\_QOS\_001 |
|  | Summary | Can't start subsystem SNMP - ExitCode = 100 (0x6400), | NET\_IN\_QOS\_001 |
|  | Summary | No connection with the SNMP Master Agent, | NET\_IN\_QOS\_001 |
| BNSI QOS alarm swap space utilization | Summary | RtpAudMgr01:High swap space utilization: 80 % | NET\_IN\_QOS\_001 |

## Data Types:

|  |  |
| --- | --- |
| **Name** | **Contents** |
| OS\_Status | Object Server |

## Logic:

### Generate Alarm

1. Assign EventId “NET\_IN\_QOS\_001” or “NET\_IN\_QOS\_002” to events raised as threshold breaches as per the event filter section.

### Raise TT

1. Hibernate for 5 minutes and check that network event still exists
2. If NET\_QOS\_NODE\_001 High swap space utilization alarm, check that metric is 80 or above. If true, set @LogTicket =1 .
3. For other “NET\_QOS\_NODE\_001” events, set @LogTicket = 1.