# BNSI Node Down Alarm

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

## Description

This policy detected BNSI Node down events

## From HLD:

Superceded



### Pre-requisite

* Map added into TSRM between EventId NET\_IN\_NODE\_001 and classification “BNSI COMMUNICATION ALARM” (New TSRM Classification)

## Event Filter:

|  |  |  |  |
| --- | --- | --- | --- |
| **Alarm description** | **Field** | **Value** | **EventId** |
| BNSI node down | Summary | resourceMonitoring: Netmon error for NE 'ABC\_INxx': Node **'inxxcey-corey'** down | NET\_IN\_NODE\_001 |
|  | Summary | OEM:**inxxcey**:fjgix: network connection down, | NET\_IN\_NODE\_001 |
|  | Summary | OEM:**inxxcey**:LAN0: rms\_inxxcey is DOWN, moving to LAN0: rms\_inxxcey, | NET\_IN\_NODE\_001 |
|  | Summary | RtpNm01:RtpNmShutdownNode() called for node **CE\_01** from RtpShutDownNode01 - timeout = 90000 millisecs. | NET\_IN\_NODE\_001 |

## Data Types:

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

## Logic:

### BNSI Node down alarm

1. Assign @EventID of “NET\_IN\_NODE\_001” to the network events defined in event filter section

### Hibernate

1. Hibernate for 5 minutes and check network event still exists

### Raise TT

1. If the network events still exists, check for other network events with EventId “NET\_IN\_NODE\_001” for the same reported node down. Reported node down is calculated by extracting Node from Summary field as shown in bold in “Event Filter” section
2. If find another event with EventId NET\_IN\_NODE\_001 for same reported Node, then add current Network event to journal of existing event
3. If DO NOT find another event with EventId NET\_IN\_NODE\_001 for same reported Node, then set @LogTicket =1 in order to raise a TT.
4. **Resolution Action:** The associated TT will be resolved when the network event clears via resolution event.