

# Alarm Generation

```
<event>
  <uei>uei.opennms.org/nodes/nodeDown</uei>
  <event-label>OpenNMS-defined node event: nodeDown</event-label>
  <descr>
    ... some description ...
  </descr>
  <logmsg dest="logndisplay">
    Node %parm[nodelabel]% is down.
  </logmsg>
  <severity>Major</severity>
  <alarm-data reduction-key="%uei%:%dpname%:%nodeid%" alarm-type="1" auto-clean="false"/>
</event>
<event>
  <uei>uei.opennms.org/nodes/nodeUp</uei>
  <event-label>OpenNMS-defined node event: nodeUp</event-label>
  <descr>
    ... some description ...
  </descr>
  <logmsg dest="logndisplay">
    Node %parm[nodelabel]% is up.
  </logmsg>
  <severity>Normal</severity>
  <alarm-data reduction-key="%uei%:%dpname%:%nodeid%" alarm-type="2"
    clear-key="uei.opennms.org/nodes/nodeDown:%dpname%:%nodeid%" auto-clean="false"/>
</event>
```

# Alarm De-Duplikation

```
<event>
  <uei>uei.opennms.org/nodes/nodeDown</uei>
  <event-label>OpenNMS-defined node event: nodeDown</event-label>
  <descr>
    ... some description ...
  </descr>
  <logmsg dest="logndisplay">
    Node %parm[nodelabel]% is down.
  </logmsg>
  <severity>Major</severity>
  <alarm-data reduction-key="%uei%:%dpname%:%nodeid%" alarm-type="1" auto-clean="false"/>
</event>
<event>
  <uei>uei.opennms.org/nodes/nodeUp</uei>
  <event-label>OpenNMS-defined node event: nodeUp</event-label>
  <descr>
    ... some description ...
  </descr>
  <logmsg dest="logndisplay">
    Node %parm[nodelabel]% is up.
  </logmsg>
  <severity>Normal</severity>
  <alarm-data reduction-key="%uei%:%dpname%:%nodeid%" alarm-type="2"
    clear-key="uei.opennms.org/nodes/nodeDown:%dpname%:%nodeid%" auto-clean="false"/>
</event>
```