

# Description of the NMIS Event Log

The NMIS Event Log is a realtime update of what NMIS see's is happening with devices being managed. By default the NMIS event log has this name, /usr/local/nmis8/logs/event.log

## Event Log Output

The raw event log looks like this, a log entry exists when a Notification Policy has resulted in sending an email.

```
1360614047,nmisdev,Node Down,Major,,Ping failed
1360614109,nmisdev,Node Up,Normal,,Ping failed Time=00:01:03
1360618812,nmisdev,Service Down,Warning,port80,
1360619117,nmisdev,Service Up,Normal,port80, Time=00:05:05
1360624525,meatball,Proactive Interface Input Utilisation,Fatal,Dialer1,Value=127.64 Threshold=95
1360624539,meatball,email to keiths@opmantek.com Esc0 Proactive Interface Input Utilisation,Fatal,Dialer1,
Value=127.64 Threshold=95
1360626325,meatball,Proactive Interface Input Utilisation Closed,Normal,Dialer1,Value=19.10 Threshold=60
Time=00:30:00
1360626330,meatball,email to keiths@opmantek.com UP Notify,Normal,Dialer1,Value=19.10 Threshold=60 Time=00:30:00
```

## Event Log Contents

The fields which are included in each event are described here.

| Event Log Data | Description   |
|----------------|---|
| time           | The UNIX time of the event  |
| node           | The node name which NMIS knows the node by  |
| event          | The name of the event, possible values at present are listed in this article <a href="#">NMIS Event List</a> .  |
| level          | The event level, possible values are: <ul style="list-style-type: none"><li>• Fatal</li><li>• Critical</li><li>• Major</li><li>• Minor</li><li>• Warning</li><li>• Error</li><li>• Normal</li><li>• Unknown</li></ul> |
| element        | The specific element of the node experiencing this problem. This will be an interface, service name, disk or processor ID, etc.   |
| details        | Other details about the event, like threshold values, time event was active   |

## Poller Event Log

When viewing the Poller\_Event\_Log, you are viewing syslog events from NMIS poller servers sending events in by syslog. The end of the line include the sending server with a "::servername" appended to the end.

|   |
|---|
| <a href="#">blocked URL</a> 12-Feb-2013 09:15:25 <a href="#">meatball Proactive Interface Input Utilisation Fatal</a> Dialer1 Value=127.64 Threshold=95 :: nmisdev64.dev.opmantek.com                               |
| <a href="#">blocked URL</a> 12-Feb-2013 09:15:25 <a href="#">meatball Proactive Interface Input Utilisation Fatal</a> ATM0.1-aal5 layer Value=126.42 Threshold=95 :: nmisdev64.dev.opmantek.com                     |
| <a href="#">blocked URL</a> 12-Feb-2013 07:40:12 <a href="#">nmisdev Service Up Normal</a> port80 Time=00:05:05 :: nmisdev64.dev.opmantek.com   |
| <a href="#">blocked URL</a> 12-Feb-2013 07:40:12 <a href="#">nmisdev Service Down Warning</a> port80 :: nmisdev64.dev.opmantek.com  |
| <a href="#">blocked URL</a> 12-Feb-2013 06:45:19 <a href="#">meatball Proactive Interface Input Utilisation Closed Normal</a> ATM0.1-aal5 layer Value=9.63 Threshold=60 Time=00:15:00 :: nmisdev64.dev.opmantek.com |
| <a href="#">blocked URL</a> 12-Feb-2013 06:45:19 <a href="#">meatball Proactive Interface Input Utilisation Closed Normal</a> Dialer1 Value=9.66 Threshold=60 Time=00:15:00 :: nmisdev64.dev.opmantek.com           |
| <a href="#">blocked URL</a> 12-Feb-2013 06:50:11 <a href="#">nmisdev Service Up Normal</a> port80 Time=00:05:03 :: nmisdev64.dev.opmantek.com   |
| <a href="#">blocked URL</a> 12-Feb-2013 06:50:11 <a href="#">nmisdev Service Down Warning</a> port80 :: nmisdev64.dev.opmantek.com  |

[blocked URL](#) 12-Feb-2013 06:45:19 [meatball Proactive Interface Input Utilisation Warning](#) Dialer1 Value=61.86 Threshold=60 :: nmisdev64.dev.opmantek.com

[blocked URL](#) 12-Feb-2013 06:45:19 [meatball Proactive Interface Input Utilisation Warning](#) ATM0.1-aal5 layer Value=61.96 Threshold=60 :: nmisdev64.dev.opmantek.com

[blocked URL](#) 12-Feb-2013 06:40:24 [meatball Proactive Interface Output Utilisation Closed Normal](#) ATM0.1-aal5 layer Value=44.55 Threshold=60 Time=00:04:55 :: nmisdev64.dev.opmantek.com

The raw poller log file will look like this:

```
Feb 12 07:00:29 localhost nmis.pl[24461]: NMIS_Event::nmisdev64.dev.opmantek.com::1360615519,meatball,Proactive
Interface Input Utilisation Closed,Normal,Dialer1,Value=9.66, Threshold=60 Time=00:15:00
Feb 12 07:00:29 localhost nmis.pl[24461]: NMIS_Event::nmisdev64.dev.opmantek.com::1360615519,meatball,Proactive
Interface Input Utilisation Closed,Normal,ATM0.1-aal5 layer,Value=9.63, Threshold=60 Time=00:15:00
Feb 12 07:40:26 localhost nmis.pl[25222]: NMIS_Event::nmisdev64.dev.opmantek.com::1360618812,nmisdev,Service
Down,Warning,port80,
Feb 12 07:45:29 localhost nmis.pl[25326]: NMIS_Event::nmisdev64.dev.opmantek.com::1360618812,nmisdev,Service Up,
Normal,port80, Time=00:05:05
Feb 12 09:15:39 localhost nmis.pl[27058]: NMIS_Event::nmisdev64.dev.opmantek.com::1360624525,meatball,Proactive
Interface Input Utilisation,Fatal,ATM0.1-aal5 layer,Value=126.42, Threshold=95
Feb 12 09:15:39 localhost nmis.pl[27058]: NMIS_Event::nmisdev64.dev.opmantek.com::1360624525,meatball,Proactive
Interface Input Utilisation,Fatal,Dialer1,Value=127.64, Threshold=95
Feb 12 09:45:31 localhost nmis.pl[27678]: NMIS_Event::nmisdev64.dev.opmantek.com::1360624525,meatball,Proactive
Interface Input Utilisation Closed,Normal,Dialer1,Value=19.10, Threshold=60 Time=00:30:00
Feb 12 09:45:31 localhost nmis.pl[27678]: NMIS_Event::nmisdev64.dev.opmantek.com::1360624525,meatball,Proactive
Interface Input Utilisation Closed,Normal,ATM0.1-aal5 layer,Value=18.97, Threshold=60 Time=00:30:01
```

The first part of the line is added by syslog "Feb 12 07:00:29 localhost nmis.pl[24461]:"

The rest of the line "NMIS\_Event::nmisdev64.dev.opmantek.com::1360618812,nmisdev,Service Up,Normal,port80, Time=00:05:05" is a normal NMIS Event log entry, with "NMIS\_Event::servername:" appended to the front of the log entry.