

Importing Alert Definitions for WTI MIB Polled Data into Solarwinds Orion NPM

A set of alert definitions is available to trigger alerts based on polled data from WTI products. These alert definitions can be imported into Solarwinds Orion NPM and configured to trigger alerts when polled current usage, power usage, temperature, and other data reach user defined thresholds. Alerts can be configured to take various actions when triggered, such as email notifications, audible notifications, program launching, and many more.

To import an alert definition for WTI polled data:

1. Click **Start > All Programs > SolarWinds Orion > Alerting, Reporting, and Mapping > Advanced Alert Manager**.

Alert Name	Enabled (On/Off)	Alert Description	Property to Monitor	Trigger Action(s)
Alert me when an application goes down	ON	This alert will write to the event log when an application go...	Application	2 actions
Alert me when an application goes into warning or critical st...	OFF	This alert will write to the event log when an application go...	Application	2 actions
Alert me when a component goes into warning or critical st...	ON	This alert will write to the event log when a component go...	Component	2 actions
Restart a service	OFF	This alert will attempt to restart the Windows Service when...	Component	2 actions
Copy of 'Restart a service.'	OFF	This alert will attempt to restart the Windows Service when...	Component	2 actions
Alert me when a component goes down	ON	This alert will write to the event log when a component goe...	Component	NetPerfMon Event Log : NetPerfMon Event Log: Co...
Windows Scheduled Tasks: Alert me when task last run res...	OFF	This alert should be raised if task last run result is non succ...	Scheduled Task	Send an Email/Page (Scheduled Task \$(N=SwisEnti...
AppInsight for Exchange: Alert me when mailbox database...	ON	This alert should be raised when mailbox database switche...	AppInsight for Exchange...	Send an Email/Page (Database \$(N=SwisEntity/M...
AppInsight for Exchange: Warn me when database failover...	ON	This alert should be raised when mailbox database goes to...	AppInsight for Exchange...	Send an Email/Page (Exchange database failover o...
AppInsight for Exchange: Alert me when mailbox database...	ON	This alert should be raised when mailbox database goes to...	AppInsight for Exchange...	Send an Email/Page (Database \$(N=SwisEntity/M...
AppInsight for Exchange: Alert me when mailbox database...	ON	This alert should be raised when available free space for m...	AppInsight for Exchange...	Send an Email/Page (Mailbox database copy \$(N=...
AppInsight for Exchange: Alert me when mailbox database...	ON	This alert should be raised when available free space for tr...	AppInsight for Exchange...	Send an Email/Page (Mailbox database copy \$(N=...
AppInsight for Exchange: Notify users that their mailbox is...	OFF	This alert should be raised when Exchange mailbox size re...	AppInsight for Exchange...	Send an Email/Page (Your Exchange mailbox is \$(...
AppInsight for Exchange: Alert me when a replication statu...	ON	This alert will write to the NetPerfMon event log when a re...	AppInsight for Exchange...	NetPerfMon Event Log : Replication Status check S...
AppInsight for IIS: Restart Failed IIS Application Pool	OFF	This alert will restart any failed IIS Application Pool that is c...	AppInsight for IIS: Appli...	2 actions
AppInsight for IIS: Alert me when the Average Server Execu...	OFF	This alert will notify you when the execution time of any UR...	AppInsight for IIS: Req...	Send an Email/Page (IIS Site Server Execution Tim...
AppInsight for IIS: Restart Failed IIS Site	OFF	This alert will attempt to restart any Site that is monitored...	AppInsight for IIS: Site	2 actions
AppInsight for SQL: Alert me when my database file disk U...	ON	This alert should be raised if some database file disk UO lat...	AppInsight for SQL: Dat...	Send an Email/Page (The database file \$(N=SwisE...
AppInsight for SQL: Alert me when my database file is runn...	ON	This alert should be raised if some database file is running...	AppInsight for SQL: Dat...	Send an Email/Page (The database file \$(N=SwisE...
H/A sync status of FS Device changed	ON	Triggers alert when High availability sync status of the FS d...	FS Device	H/A synchronization status changed
FS GTM service status changed	ON	When the status of an FS GTM service changes, create an e...	FS GTM Service	2 actions
FS LTM Pool goes down	ON	Triggers alert when pool associated with Local Traffic mana...	FS LTM Pool	LTM Pool is down
FS pool has less than 30% of active servers	ON	When the percentage of active servers in a pool is lower th...	FS LTM Pool	FS pool has less than 30% of active servers
Alert me when server is not up	ON	Triggers an alert when an FS server goes down, and resets...	FS LTM Server	Alert me when server is not up
Alert me when virtual server is not up	ON	Triggers an alert when an FS virtual server goes down, and...	FS LTM Virtual Server	Alert me when virtual server is not up
Health Monitor on FS LTM Down	OFF	This alert will email you when one of the Health Monitors o...	FS Health Monitor	2 actions
Alert me when virtual IP address is not up.	ON	Triggers alert when virtual IP associated with Local Traffic...	FS LTM Virtual IP Addre...	Virtual IP is not up.
Alert me when a group goes into warning or critical state	ON	This alert will write to the event log when a group goes into...	Group	NetPerfMon Event Log : NetPerfMon Event Log: Gr...
Alert me when any hardware component goes into a warni...	ON		Hardware Sensor	3 actions
Email me when someone shuts down an Interface	OFF		Interface	0 actions
High Transmit Percent Utilization	OFF		Interface	0 actions

2. To import the set of alert definitions for WTI polled data, complete the following steps:
 - a) Click **Export/Import > Import Alerts**, and then navigate to the location of the XML Alert Definition files.
 - b) Select the definition for the value you would like to configure an alert on, then click **Open**.

Notes:

- Only 1 alert definition can be selected at a time, to import multiple alert definitions repeat steps 2a and 2b.

3. Check the imported alert and click **Edit** to view the alert editing page

solarwinds MY DASHBOARDS ALERTS & ACTIVITY REPORTS SETTINGS

Edit Alert

PROPERTIES TRIGGER CONDITION RESET CONDITION TIME OF DAY TRIGGER ACTIONS RESET ACTIONS SUMMARY

1. Alert Properties

Name of alert definition (required)
current_alert_branch_a

Description of alert definition
Displayed on Manage alerts page.
Alert on current reading on Branch A

Enabled (On/Off)
 ON

Evaluation Frequency of Alert
Evaluate the trigger condition every 1 minutes

Severity of alert
Critical

Alert Limitation Category
Restrict access to this alert to user accounts with the selected alert limitation
(No Limitation)

NEXT CANCEL

4. In the **Properties** tab, configure a name and description for the new alert.
 5. In the **Trigger Condition** tab, the default condition is set to “Rate is greater than 10”, which will cause the alert to be triggered when the polled value exceeds 10. This condition can be modified by clicking the linked text of the condition statement and changing the values.
- Notes:**
- A variety of condition options are available. For more information please refer to the Solarwinds Orion NPM Administrator’s Guide.
6. In the **Reset Condition** tab, configure the conditions under which the alert should be cleared
 7. In the **Time of Day** tab, configure the time of day the alert should be monitored
 8. In the **Trigger Actions** tab, configure actions to take when the alert is activated. Several actions are available, such as sending an email, playing a sound file, or executing an external program.
 9. In the **Reset Actions** tab, configure actions to take when the alert is de-activated. Several actions are available, such as sending an email, playing a sound file, or executing an external program.

Notes:

- Various additional parameters can be configured to customize each alert. For more information please refer to the Solarwinds Orion NPM Administrator's Guide.

10. Click the **Summary** to verify all changes, then click **Submit**.

11. The following alert definitions are only templates and need to be copied and modified to access additional MIB objects:

current_alert_plug
power_alert_plug
current_alert_group
power_alert_group

To copy and modify these alert definitions, complete the following steps

- a) Check the alert and click the **Duplicate and Edit** button. The alert editing page will appear.
- b) In the **Properties** tab, provide a new name
- c) Go to the **Trigger Condition** tab. Modify the last digit of the OID to be the index of the attribute you want to alert on. Use index 1-N for current_alert_plug/power_alert_plug where N is the number of the plug on the unit. Use index 1-54 for current_alert_group/power_alert_group (Index associated with each group can be found on the unit's plug group status page).
- d) Repeat steps 4-10 for the newly copied alert.

12. Alerts can be individually enabled or disabled in the Manage Alerts dialog by checking the alert and clicking **Enable/Disable**

Once alerts are imported and configured, triggered alerts will be reported in Solarwinds Orion NPM, and the configured actions will be invoked. Many additional options and configurations are available, for more information please refer to the Solarwinds Orion NPM Administrator's Guide.