Oracle® Enterprise Manager

Application Management Pack for Oracle Utilities Network Management System

Metrics Guide

F23670-01

October 2019

Application Management Pack for Oracle Utilities Network Management System extends Oracle Enterprise Manager Cloud Control to allow monitoring and management of Oracle Utilities Network Management System on remote servers.

When Application Management Pack for Oracle Utilities Network Management System is deployed, the following features and capabilities are available:

- Product discovery
- Target monitoring of status, system load, and activity
- Alerts triggered on monitored thresholds
- Starting and stopping NMS Services
- Sending Action commands to enable/disable debug
- Sending messages to all logged in clients
- Viewing and Downloading service logs
- Isis Snapshots
- Associated targets

Overview

The performance metrics (all metrics here except for the ones in **Response** and **Status**) are collected at 5 minute intervals. Some of the performance metrics measure activity "per 5 minutes". These metrics show the difference between the count in the previous collection and the count in the current collection. Some other performance metrics measure activity "per hour". These metrics extrapolate their value by multiplying the "per 5 minutes" metric by 12.

The following metrics are available in the Application Management Pack for Oracle Utilities Network Management System plug-in.

NMS Services Metrics

Table 1: Response

Metric	Description
Status	Current status of NMS

Table 2: Status

Metric	Description
Status	Current status of NMS
Isis	Current status of NMS Isis
Services	Current status of NMS Services

Table 3: Study Sessions

Metric	Description
Total Sessions	Total number of study sessions
Powerflow Sessions	Number of powerflow study sessions
Non-Powerflow Sessions	Number of non-powerflow study sessions

Table 4: Jobs Table

Metric	Description
Active Notify Alarms	Active notify (NFY) alarms
Active Jobs	Total active jobs (not including notify alarms)
Incomplete Jobs	All jobs in a restored or incomplete state
Restored (Incomplete) Outages	Outage jobs in a restored/incomplete state
Active Outages	Outage jobs in an active state
Active Non-Outages	Non-outage jobs in an active state
Active Fuzzy Jobs	Fuzzy jobs in an active state
Active Momentary Outages	Momentary outage jobs in an active state
Incomplete Non-Outages	Non-Outage jobs in an incomplete state
Incomplete Fuzzy Jobs	Fuzzy jobs in an incomplete state
Incomplete Momentary Outages	Momentary outage jobs in an incomplete state

Table 5: INCIDENTS Table

Metric	Description
Total Incidents	Total incidents (including AMI power-offs, customer calls, and damage assessments)
Total Active Incidents	Total active incidents (including AMI power-offs, customer calls, and damage assessments)

Metric	Description
Total Restored Incidents	Total restored incidents (including AMI power-offs, customer calls, and damage assessments)
Total Damage Assessments	Total damage assessments
Active Damage Assessments	Active damage assessments
Restored Damage Assessments	Restored damage assessments
Total AMI Power-offs	Total AMI power-offs
Active AMI Power-offs	Active AMI power-offs
Restored AMI Power-offs	Restored AMI power-offs
Total Customer Calls	Total customer calls
Active Customer Calls	Active customer calls
Restored Customer Calls	Restored customer calls
Unprocessed Calls	Calls which still need to be processed (have not yet been assigned to a job)
Damage Assess Per Interval	Damage assess per interval (extrapolated)
AMI Power-offs Per Interval	AMI power-offs per interval (extrapolated)
Customer Calls Per Interval	Customer calls per Interval (extrapolated)
Total Incidents Per Interval	Total incidents per interval (extrapolated)
Total Calls Per Interval	Total calls per interval (extrapolated)

Table 6: Number of logged in users by type

Metric	Description
Total Users	Total logged in users
Web Workspace	Number of logged in Web Workspace non-View-Only users
WW View Only	Number of logged in Web Workspace View Only users
Storm Management	Number of logged in Storm Management users
Service Alert	Number of logged in Service Alert users
Web Call Entry	Number of logged in Web Call Entry users
Configuration Assistant	Number of logged in Configuration Assistant users
Web Callbacks	Number of logged in Web Callbacks users
Model Management	Number of logged in Model Management users

Table 7: DDS_ALARM_LOG Table

Metric	Description
Total Operations Per Interval	Total device operations per interval
Sustained Per Interval	Sustained device operations per interval
Transient Per Interval	Transient device operations per interval

Table 8: SYSTEM_ALARMS Table

Metric	Description
Alarm	Alarm Description

Table 9: Crew Activity

Metric	Description
Crew Actions Per Interval	Crew actions (assign, en route, on-site, release, etc.) per interval (extrapolated)

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