ManageEngine OpManager & Applications Manager – Integration

The purpose of this document is to present details about the integration of ManageEngine OpManager with Applications Manager

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Contents

1.0 Abbreviations & Terminologies Used

- IT – Information Technology
- IP Address – Internet Protocol Address that is assigned to a network equipment
- JVM – Java Virtual Machine

2.0 Introduction

ManageEngine is an innovative low-cost Enterprise IT Management Software, offering high-end functionality of large network management frameworks at cost-effective pricing to enterprises world-wide.   Administrators/Operators of Enterprises having deployed ManageEngine applications for IT Management would need to use separate web consoles of the ManageEngine applications such as OpManager for Network & Server monitoring, Applications Manager for Applications monitoring etc,.

Remembering the host address and the port where the applications are running would be a tedious task. Integration of these two applications through connector addresses this problem by providing a way to have an integrated web console for these ManageEngine applications. This document provides a high level overview of the integration and its key features/benefits.

3.0 Integration Summary

- ManageEngine Applications Manager and OpManager has to be deployed as two different applications and running as two separate JVMs.
- Create a read-only user in the OpManager application.
- IP Address/hostname & port where the OpManager server is running along with a read-only user credentials has to be configured in the Admin -→ Add-On/Product Settings page of Applications Manager.
- Applications Manager will fetch the monitor details (device status, alarms) from the OpManager server periodically.
- Associate the monitors fetched from the OpManager server to any Monitor Group in Applications Manager.
- Once the OpManager monitors are associated to a Monitor Group in Applications Manager, user can see the device availability status, health status, alerts in Applications Manager.
- User can see the snapshot page of the OpManager device through Applications Manager interface.
- User can see the OpManager alarms in the alert window of Applications Manager.

- Reports such as availability & health snapshot, outage report, SLA Management report for the Monitor group having monitors from OpManager can be viewed through Applications Manager web console.

4.0 Integration Work Flow

4.1 Creating read-only user in OpManager

4.2 Read-only user created in OpManager

4.3 Configuring OpManager server details in Applications Manager

4.4 OpManager server settings configured in Applications Manager

4.5 Associate OpManager monitors against a Monitor group in Applications Manager

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4.7 Listing of OpManager monitors

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4.10Availability & Health snapshot report of Monitor group having monitors of OpManager

4.11 Outage comparison report of Monitor group having monitors of OpManager

Weekly Outage Comparison Report for Applications Manager

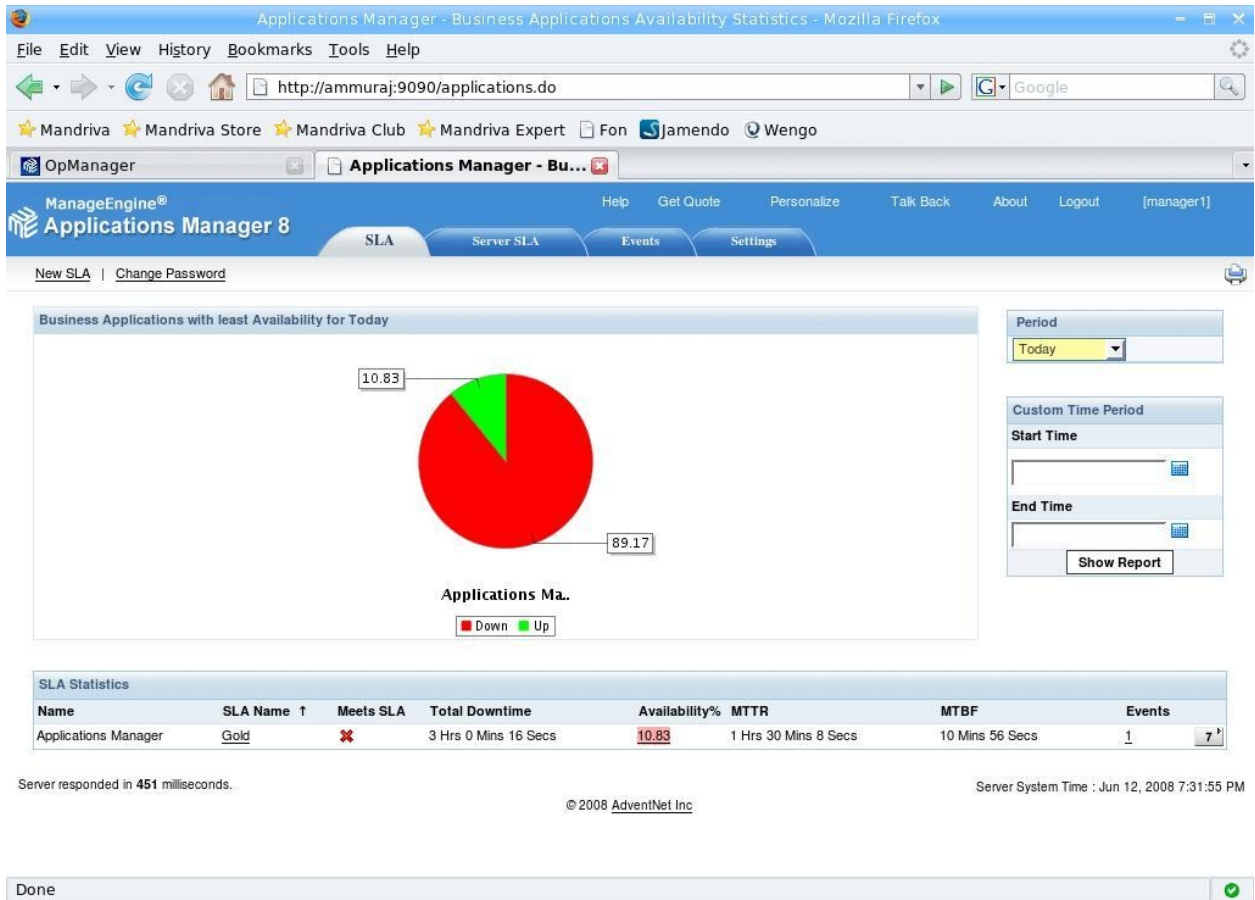| Monitor Group	This Week Outages		Last Week Outages		Count		Downtime Duration	
	Count	Duration	Count	Duration	Change	%	Difference	%
Applications Manager	2	2 Hrs 59 Mins	0	0 Secs	2	NA	2 Hrs 59 Mins	NA

Report generated for records found in the database from Jun 1, 2008 12:00:00 AM to Jun 12, 2008 7:31:38 PM

Server responded in : **60** Milliseconds.   Server System Time : Jun 12, 2008 7:31:38 PM

Done

4.12SLA Management Console For Managers capturing monitors of OpManager

4.13Availability report through SLA Management Console For Managers capturing monitors of OpManager