



HANA Management Pack

for Microsoft System Center Operations Manager

With 20-years of expertise managing global SAP ecosystems, OZSoft extends its SAP monitoring capabilities into the HANA platform. OZSoft HANA Management Pack enables HANA Management through the power and flexibility of System Center Operations Manager (SCOM).

USAGE SCENARIO

As the technology age looms more and more companies are faced with the problem of big data or datasets that exceeds the abilities of traditional tools. HANA provides the solution to manage big data challenges. HANA is the enterprise leading in-memory database platform with integrated data management and development for high performance enterprise applications.

You have invested significant resources into running HANA so ensuring its availability and health are critical success factors, however managing the complex operations of HANA landscape can be time-consuming without central monitoring. The OZSoft HANA Management Pack for SCOM

bridges this gap for organizations utilizing SCOM as its enterprise monitoring framework.

HETEROGENEOUS SUPPORT

Connects to HANA Systems remotely running on any approved SAP HANA infrastructure or appliance.

HANA MULTI-DATABASE CONTAINER (MDC) SUPPORT

Multi-tenant database support.

SMALL FOOTPRINT

OZSoft HANA Management Pack is built with advanced Managed Modules minimizing SCOM performance overhead.

MINIMAL PREREQUISITES

SCOM 2012 SP1/R2, SCOM 2016 and SCOM 2019

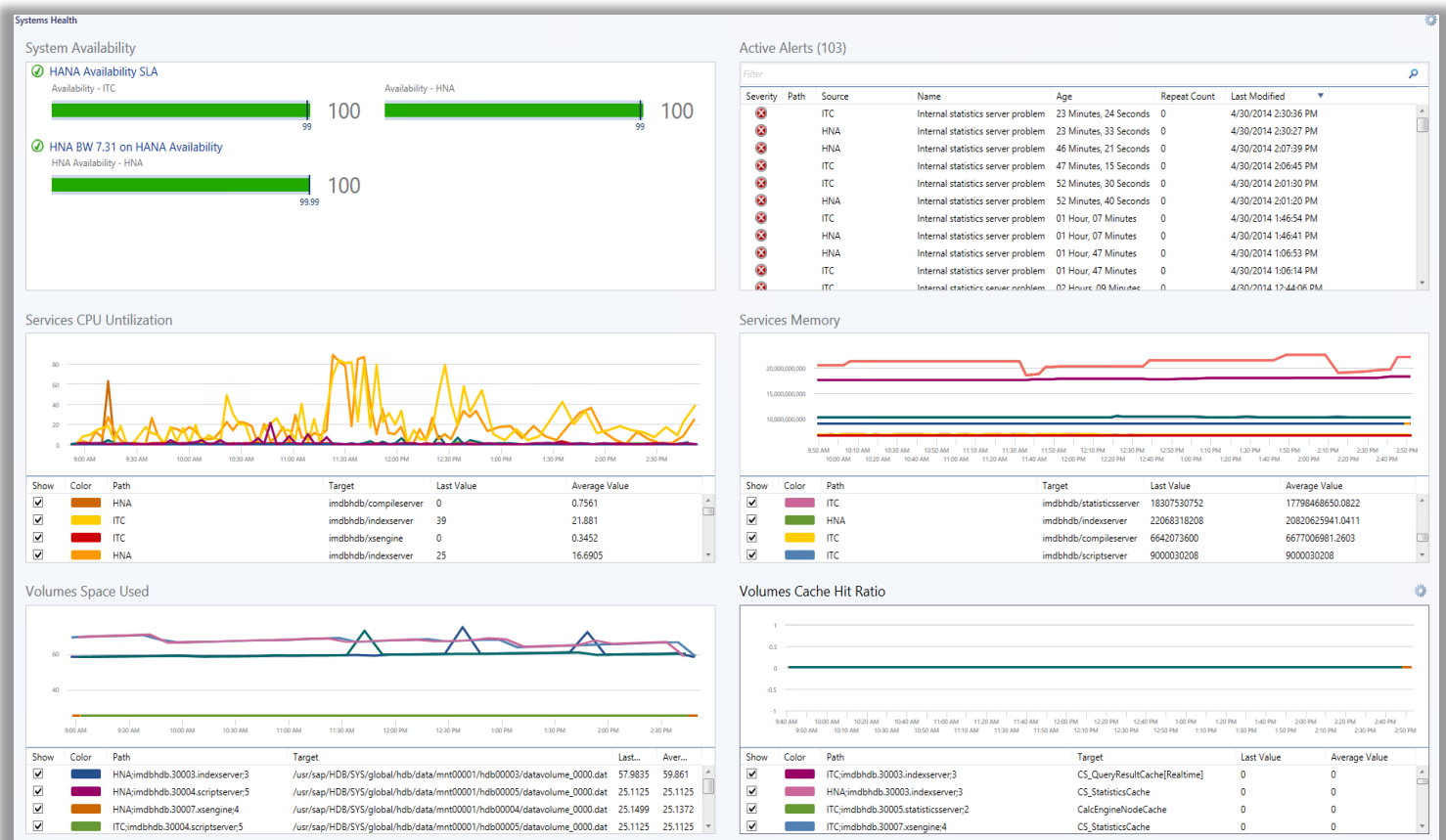


Figure 1: Health Dashboard

AVAILABILITY MONITORING

Hosts and Services availability monitoring via redundant methods ensures reliability of availability data

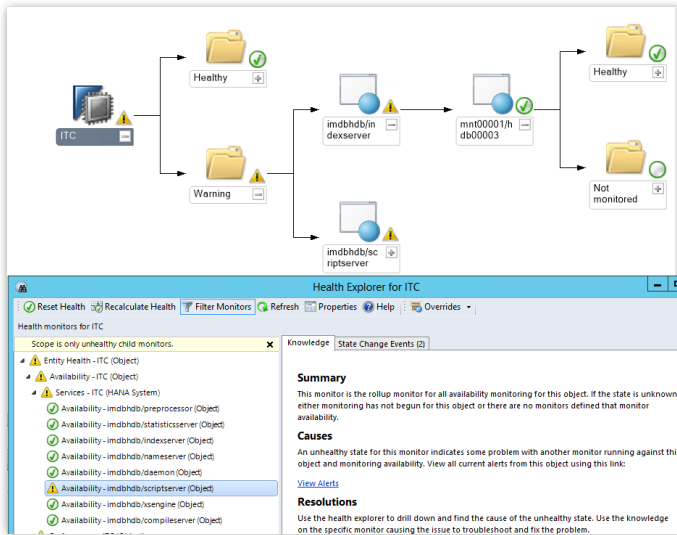


Figure 2: Availability Hierarchy

ALERT MANAGEMENT

HANA Alerts are forwarded to SCOM Alert, preserving HANA information through the use of custom fields. Alert filtering and suppression delivers flexible alert management

PERFORMANCE MONITORING

Monitoring of various HANA performance aspects such as hosts, services, volumes, cache, utilization, expensive SQL statements, scheduled procedures, backups, etc.

The screenshot shows the Monitoring dashboard for HANA services and components. A table displays the status of various services:

System	Name	Host	System Number	HANA Service
Warning	HANA	imdbhdb	00	Warning
Warning	ITC	oeha1tc	00	Warning

Below the table, a 'Detail View' section shows a grid of status indicators for various services, including imdbhdb/scrpt..., imdbhdb/daem..., imdbhdb/comp..., imdbhdb/statist..., imdbhdb/index..., imdbhdb/prepr..., and imdbhdb/name....

Figure 3: HANA Services & Components

BACKUP MONITORING

Monitoring of the age of last successful backups and alerting for individual backup completion

The screenshot shows the Monitoring dashboard for backup monitoring. A table displays backup details:

Icon	Source	Name	Created	Age	Severity
	C19	complete data backup	10/21/2020 3:08:41 PM	1 Minute	Information
	C19	complete data backup	10/21/2020 11:00:05 AM	4 Hours, 32 Minutes	Information
	C19	complete data backup	10/21/2020 10:51:43 AM	4 Hours, 48 Minutes	Information
	C19	complete data backup	10/21/2020 10:41:06 AM	4 Hours, 58 Minutes	Information
	C19	complete data backup	10/21/2020 10:36:44 AM	5 Hours, 3 Minutes	Information

Below the table, an 'Alert Details' section shows information for a 'complete data backup' alert, including the source (C19), full path name, alert rule (Backup Alert Collector), and creation time.

REPLICATION MONITORING

Replication Monitoring allows for central monitoring of replication status, alerts and performance. Replication Dashboard delivers visibility into sync status, including critical information such as backlog for RPO monitoring

The screenshot shows the Monitoring dashboard for replication monitoring. A table displays replication properties:

M. State	Path	Secondary Site Name	Replication Mode	Secondary Active	Replication Status
Warning	ITC\oeha1tc:30040	oehb0d1	SYNC	YES	ACTIVE
Warning	ITC\oeha1tc:30043	oehb0d1	SYNC	YES	ACTIVE

Below the table, a 'Detail View' section shows replication properties for oehb0d1, including display name, full path name, site ID, site name, host, root, volume ID, secondary host, secondary port, secondary site ID, secondary site name, secondary job, replication mode, replication status, and full sync.

Figure 4: Hana Replication Dashboard

SYNTHETIC MONITORING

Synthetic Transactions monitoring enables visibility into real-life HANA performance. The Synthetic Transaction definitions are defined via Monitoring Templates and allow for custom SQL and intervals and monitoring of status and response time

CONTACT INFORMATION

For further information and/or a free trial, contact:

Sales and Marketing: sales@ozsoft-consulting.com

Web: <http://ozsoft-consulting.com/mp4hana>

Technical support: support@ozsoft-consulting.com

ABOUT OZSOFT

OZSoft Consulting Corporation, the SAP Performance Management Specialist, has been providing SCOM and SAP integrated monitoring since 2009, as well as cloud-based SAP Systems Management as a Service powered by IT-Conductor

