

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

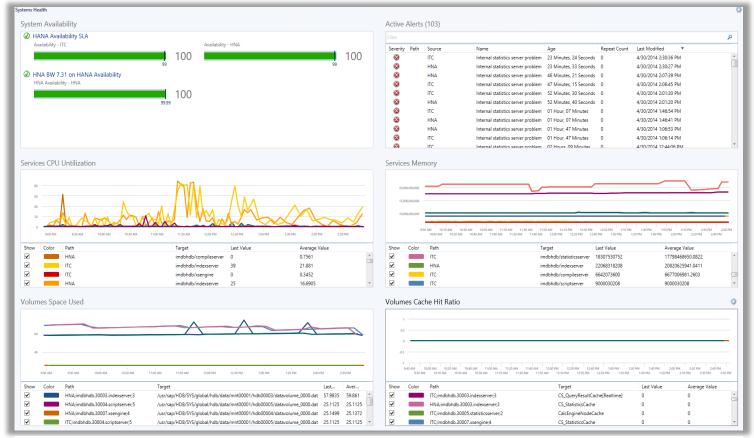
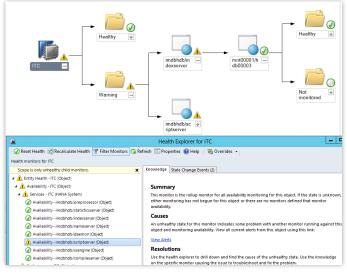


Figure 1: Health Dashboard

AVAILABILITY MONITORING

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





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.

Monitoring 4	Systems (2)									
Monitoring UNIX/Linux Computers Agentless Exception Monitoring Application Monitoring	Q Look for:			Find Now	Find Now Clear					
	State	- 0	Name	Host	System Numb	er A HANA Service				
	A Warning		HNA	imdbhdb	00	A Warning	2			
🖻 🍓 Data Warehouse	A Warning		ITC	ozhanaitc	00	A Warning	1			
Configuration										
Configuration A Dashboards										
Candscape										
Systems Health 4 🦓 Monitoring	Detail View									
Hosts	A Warning	11	ibhdb/script	() Warning	Not monito	() Healthy	O Not monito	Healthy		
11 Systems	1 and the second s		ibhdb/daem				Not monito	-		
11 Volume files	Healthy				Not monito	Healthy	-	Y		
Microsoft Audit Collection Services	Healthy		dbhdb/compi	· · ·	O Not monito	Healthy	O Not monito	O Not monito		
Microsoft Windows Client	Healthy	im	ibhdb/xseng	(Healthy	O Not monito	Healthy	O Not monito	Healthy		
Microsoft Windows Server	G Healthy	im	dbhdb/statist_	(Healthy	O Not monito	Healthy	O Not monito	Healthy		
A Network Monitoring	A Warning	im	ibhdb/index	Healthy	O Not monito	A Warning	O Not monito	Healthy		
Gerations Manager	() Healthy	im	Johdb/prepr	() Healthy	Not monito	() Healthy	Not monito	O Not monito		
Operations Manager A OpsLogix	() Healthy	im	ibhdb/name	() Healthy	Not monito	() Healthy	O Not monito	() Healthy		



BACKUP MONITORING

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

Monitoring	٩	Backups (5)						
4 Monitoring		🔍 Look for:		Eind Now 0	ear			
UNIX/Linux Computers		Source Source	Name	Created	-	Age	Severity	
> 🌇 ASE		① C19	complete data backup	10/21/2020 3:38:41	PM	1 Minute	Information	
BusinessObjects		① C19	complete data backup	10/21/2020 11:08:09	AM	4 Hours, 32 Minutes	Information	
Gonfiguration		(1) C19	complete data backup	10/21/2020 10:51:43	AM	4 Hours, 48 Minutes	Information	
Configuration A Dashboards		① C19	complete data backup	10/21/2020 10:41:06	AM	4 Hours, 59 Minutes	Information	
Landscape		(1) C19	complete data backup	10/21/2020 10:36:44	AM	5 Hours, 3 Minutes	Information	
ReplicationHealth								
Systems Health	=							
# 🦓 Monitoring								
Alerts								
Beckups								
Beckups Hosts		Alart Dataile						
		Alert Details						
Hests Replications Scheduled Procedures		Alert Details			äert Des	ription		
HI Hosts HI Replications		① complete data backs	φ		äert Des	niption		
H Hosts Replications Scheduled Procedures Schröses Synthetic Transactions		complete data backs Source: Ko C19	φ		ek>			
H Hosts Replications Global Jules Procedures Services H Synthetic Transactions H Synthetic Transactions		complete data backs Source: Full Path Name: C19	*		ak> 2: 16033	ription 19730108 giete data backup		
H Hoots R Repirations Repirations R Subduked Procedures R Synthetic Transactions R Systems R Systems H VolumeTimes		complete data backs Source: for C19 Full Path Name: C19 Alert Rule: Back	up Alert Collector	1	ak>): 16033 (pe: con tate: sui	19730108 plete data backup cessful		
H Hosts Replications Global Jules Procedures Services H Synthetic Transactions H Synthetic Transactions		complete data backs Source: for C19 Full Path Name: C19 Alert Rule: Back	*	4 11 15 15 15	olo 16033 (pe: con tate: sur tarted: 3	19730108 piete data backup		

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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

Monitoring 4	Replications (2)					
4 Monitoring	Look for:		Find Now Clea	r		
H UNIX/Linux Computers	M. State	Path	A Secondary Site Name	Replication Mode	Secondary Active	Replication Status
> 🐴 ASE	A Warning	ITC:ozhanaitc:30040	ozhdbdr1	SYNC	YES	ACTIVE
BusinessObjects	A Warning	ITC:ozhanaitc:30043	ozhdbdr1	SYNC	YES	ACTIVE
🖌 🥁 HANA	<u> </u>					
Configuration						
4 💯 Dashboards						
Landscape						
Replication Health						
Systems Health						
# 🖓 Monitoring						
Alerts						
Hosts						
E Replications						
E Scheduled Procedures						
HI Services						
11 Synthetic Transactions						
11 Systems						
1 Volume Files						
11 Volumes	Detail View					
Microsoft Windows Server						
Derations Manager	Replication prope	rties of ozhdbdr1				
> 🙀 SAP	Display Name	ozhdbdr1				
SAP Connector	Full Path Name	ITC\ozhanaitc/index	erver\ozhdbdr1			
	Site ID	1				
	Site Name	ozhanaitc				
	Host Port	ozhanaitc 30040				
Show or Hide Views	Volume ID	4				
New View >	Secondary Host	ozhdbdr1				
	Secondary Port	30040				
Monitoring	Secondary Site ID	2				
De anticipation de la construcción de la construcci	Secondary Site Nam					
Authoring	Secondary Active Replication Mode	YES SYNC				
Administration	Replication Mode	ACTIVE				
*	Full Sync	DISABLED				
- III -						



SYNTHETIC MONITORING

Synthetic Transactions monitoring enables visibility into reallife 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:

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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



