

# Nimsoft Monitor for SAP & Hana V4.0

**Nimsoft Monitor for SAP** is a probe for the monitoring of SAP ABAP and JAVA Netweaver application servers. Featuring a full set of SAP performance key indicators and monitoring best practices, it makes now possible to have all your systems under watch within few minutes. Customizable alarms and thresholds are predefined and ready to be activated. The probe is seamlessly integrated in Nimsoft Monitor, bringing SAP monitoring views in the same front end than all other IT components.

## Release Description:

This release contains new features and new monitoring capabilities. It mainly adds the supports of SAP Hana instances monitoring.

## New features:

### SAP Hana:

Hana connectors are now available in the probe with a full set of dedicated monitors: Backups, alerts, cpu, memory, disk, table size, merge operations, connections, locks, etc...

### SAPconnect (SCOT/SOST):

Monitors the state of outgoing messages (Mail, FAX, Paging). Send alarms if too many messages of a given type are in error or waiting states.

### SNC mode:

The probe now fully supports the SNC communication.

### Java reports:

Reports can now be generated for Java instances as well.

### USM compatibility:

The probe is now compatible with USM

## Main Changes:

Type	Description
Optimisation	Sys log : Add an exclude pattern and improved FORWARD mode
Optimisation	Improve CCMS workprocess queue length job
Optimisation	Order scheduling tree by company name
Bug	Alarm sent with Custom1 field too long.
Bug	Report job fail when DB size is over 2^31
Bug	License expiration alarm not sent if hidden by other license issue
Bug	Dispatcher queues : Monitoring error with if total written req. > 2^32
Bug	Dashboard issues with QOS sources and Oracle support
Bug	Exception if Alarm source is set to HOST
Bug	Landscape description not displayed
Bug	CCMS error management for SAPControl
Bug	Custom sapcontrol : Job error in QOS mode if [-] value

Bug	No alarm if INCONSISTENT updates in non-aggregate mode
Bug	Delta value is negative on custom monitoring Java

## Revision history:

Date	Description	Version
06 June 2014	Major release, new advanced monitors	4.0
12 September 2013	Bugfix	3.2
18 July 2013	Bugfix	3.1
24 May 2013	Major release, new advanced monitors	3.0
09 October 2012	Major release, new advanced monitors	2.5
20 August 2012	Bugfix	2.04
17 April 2012	Bugfix+Improvements	2.02
04 April 2012	Bugfix+Improvements	2.01
07 March 2012	Advanced monitoring features	2.0
05 January 2012	Bugfix+Improvements	1.60
15 July 2011	ABAP+JAVA instances monitoring	1.57
01 February 2011	ABAP instances monitoring	1.0
13 December 2010	Beta version of the first release	0.5

## Requirements:

**Platform:** Windows (server 2003/2008)  
Linux (Suse/CentOs)

**Software:** Java version 1.6.22 (up to 1.7)  
Microsoft VC 2005 redistributable package (Windows)  
**The SAP RFC library : JCO version 3.0.10**

**HANA Java driver (ngdbc.jar)**

**SAP:** SAP R3 V6.4D or above (Netweaver)

## First installation notes:

1. Import (or download) the probe in the NMS archive
2. Install the Oracle Java Runtime Environment
3. Install the VC 2005 redistributable package if not present
4. Install the SAP RFC library **JCO 3.0.10**
5. Drag and drop the probe from the NMS archive to the targeted robot
6. Launch the probe UI and set the license in the settings menu
7. On new systems, create a SAP user for the probe with the appropriate privileges (see documentation)
8. Configure windows services file (SAP message server service port number configuration)

## Product update notes: **TO UPDATE THE ROLE IS MANDATORY if current version < 3.0**

1. Stop the probe
2. Apply the new package
3. **UPDATE** the authorization profile of the SAP probe user with the new provided profile : **ZNMS\_SAME\_AGENTIL\_SAP\_PROBE\_V4.00.SAP** (located in probe's install folder)
4. Update the SAP JCO library to version **3.0.10**
5. Start the probe