

FUJITSU Software BS2000 SNMP-AGENTS

Version 1.0A  
January 2019

Release Notice

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# 1 General

This Release Notice is a summary of the major extensions, dependencies and operating information with respect to SNMP-AGENTS V1.0A under the BS2000 operating system.

The release level is that of: January 2019.

This and other current Release Notices are shipped on the SoftBooks DVD and are available online at <http://manuals.ts.fujitsu.com/>.

The SNMP-AGENTS is a product which implements the NET-SNMP protocol on BS2000 system. The SNMP-AGENTS package contains following agents:

- Application Monitor (appMonAgent)
- Console Monitor (consoleAgent)
- Host Resources (hostAgent)
- HSMS (hsmsAgent)
- openFT (openFTAgent)
- openSM2 (openSM2Agent)
- openUTM (utmAgent)
- Spool & Print Services (spoolAgent)
- Storage (storageAgent)

## 1.1 Ordering

SNMP-AGENTS V1.0A can be ordered from your local distributors.

SNMP-AGENTS is supplied subject to a single payment or payment by installments.

## 1.2 Delivery

The SNMP-AGENTS V1.0A files are supplied via SOLIS. The current file and volume characteristics are listed in the SOLIS2 delivery cover letter.

The following delivery components are required regardless of the HSI:

SINLIB.SNMP-AGENTS.010	Elements for installation in POSIX and executable agents
SYSDOC.SNMP-AGENTS.010.OSS	OSS License
SYSSII.SNMP-AGENTS.010	Product-specific information for installation via IMON
SYSSSC.SNMP-AGENTS.010	Subsystem declaration

The following delivery components are required additionally on SE-Servers with x86 architecture:

SKMLNK.SNMP-AGENTS.010	Subsystem's x86 library for dynamic loading
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The following delivery components are required additionally on SE-Servers with /390 architecture:

SYSLNK.SNMP-AGENTS.010	Subsystem's /390 library for dynamic Loading
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### **1.3 Documentation**

The BS2000 documentation is available in German and English on DVD with the title BS2000 SoftBooks.

The documentation is also available on the internet at

<http://manuals.ts.fujitsu.com>.

The manuals may be supplemented with README files. These contain changes and extensions to the manual of the product concerned. The README files are available on the SoftBooks-DVD and online under <http://manuals.ts.fujitsu.com>.

## 2 Software extensions

SNMP has been re-implemented in BS2000 with several components: NET-SNMP, SNMP-AGENTS and the product-specific agents of BCAM, FTP and SESAM/SQL. These components replace the EMANATE-based products SBA-BS2, SSC-BS2, SSA-OUTM-BS2 and SSA-SM2-BS2.

### 2.1 New product structure

SNMP components:

- NET-SNMP V5.7 is a component of the BS2000 OSD/BC operating system.  
NET-SNMP V5.7 is based on the open source software Net-SNMP (BSD license).

It contains the parts of MIB-II including the groups that are needed for openNet Server and interNet Services (IP, TCP, UDP). It also contains the functionality of both Event and Scheduling services, implemented by the Event and Scheduler agents of the previous SNMP versions V6.x.

- SNMP-AGENTS is an optional product, which contains the following agents:
  - Application Monitor (appMonAgent)
  - Console Monitor (consoleAgent)
  - Host Resources (hostAgent)
  - HSMS (hsmsAgent)
  - openFT (openFTAgent)
  - openSM2 (openSM2Agent)
  - openUTM (utmAgent)
  - Spool & Print Services (spoolAgent)
  - Storage (storageAgent)
- The product-specific agents of BCAM (private BCAM MIB), FTP (part of interNet Services) and SESAM/SQL have also been re-implemented.

### 2.2 Agents no longer included

The following agents are no longer offered:

- Supervisor Agent
- AVAS
- HIPLEX-AF
- OMNIS
- HTML Agent

### 2.3 Other changes

- Manual start of the agents is now only possible using POSIX commands. Automatic start/stop scripts are still available, so it is possible to have an automatic start and stop of the agents on the POSIX startup/shutdown.
- The abbreviation in the names of the MIBs has been changed from "sni" to "fj".

## 3 Technical information

### 3.1 Resource requirements

The product uses approx. 65000 PAM pages of disk space. The disk capacity required in the POSIX files system is negligible.

### 3.2 Software configuration

BS2000 OSD/XC as of V11.0, correction level from KP1/2018 with following products installed:

- POSIX (contained in BS2000 OSD/XC)
- NET-SNMP (contained in BS2000 OSD/XC)
- JV (contained in BS2000 OSD/XC)
- the following agents can only be used with the corresponding software products/components:

HSMS (hsmsAgent):  
HSMS (contained in BS2000 OSD/XC)

openFT (openFTAgent):  
openFT (BS2000) as of V12.1

openSM2 (openSM2Agent):  
openSM2 as of V11.0

openUTM (utmAgent):  
openUTM as of V6.4

Spool & Print Services (spoolAgent):  
SPOOL (contained in BS2000 OSD/XC)

### 3.3 Product installation

The installation of the product SNMP-AGENTS with the IMON installation monitor is mandatory. You must follow the information concerning installation in the delivery cover letter and in the product documentation as well as the information in this Release Notice.

The necessary inputs and the sequence of the installation are described in the IMON documentation.

### 3.4 Product use

In order to start the SNMP daemon and the agents automatically, you have to remove the comment line in the start scripts in directory `/etc/rc2.d/`.

### 3.5 Discontinued functions (and those to be discontinued)

The agents Supervisor Agent, AVAS, HIPLEX-AF, OMNIS and HTML Agent are no longer supported as of this version.

### **3.6 Incompatibilities**

None

### **3.7 Restrictions**

None

### **3.8 Procedure in the event of errors**

If an error occurs, the following error documents are needed for diagnostics:

- A detailed description of the error condition, indicating whether and how the error can be reproduced.
- The error must be reported to the appropriate service provider. An incident will be opened with Second Level Support.
- If the program crashes and a dump is created, this dump is the primary diagnostic document.
- Logs for appropriate agent from syslogd.

## **4 Hardware requirements**

SNMP-AGENTS V1.0A runs on all FUJITSU servers BS2000 SE series.