

FUJITSU Software BS2000 SSA-SM2-BS2

Version 5.0B
January 2018

Release Notice

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1 General

The product SNMP subagent SM2 (SSA-SM2-BS2) enables extended performance control of BS2000.

The release level is that of: January 2018

Besides basic information for SM2 the subagent for performance management also delivers all important report groups of the SM2 program interface:

- CPU utilization and I/O activity
- Utilization of main memory and virtual address space
- Main memory allocation by the four standard categories of tasks
- Input and output operations onto peripherals
- Application specific data of UTM applications
- Utilization values of individual tasks

This Release Notice contains outline descriptions of the major dependencies and operating information to SSA-SM2-BS2 V5.0B under the operating system BS2000/OSD.

This Release Notice is supplied as a text file. The typographical conventions for uppercase and lowercase are observed in the file. Customers will receive an updated version of this file should any subsequent changes be made.

The command for printing this file is
/PRINT-DOC SYSFGM.SSA-SM2-BS2.050.E, -
/ DOCUMENT-FORMAT = *TEXT(LINE-SPACING = *BY-EBCDIC-CONTR)
(English version)

This Release Notice is also available online under
<http://manuals.ts.fujitsu.com>.

If one or more previous versions are skipped when this product version is used, the information from the Release Notices (and README files) of the previous versions must be noted.

1.1 Ordering

SSA-SM2-BS2 V5.0B can be ordered from your local distributors.

SSA-SM2-BS2 V5.0B is subject to the general terms and conditions of the agreement for purchasing, using and servicing software products.

1.2 Delivery

The files for SSA-SM2-BS2 V5.0B are delivered via SOLIS.

The valid file and volume attributes are listed in the SOLIS2 delivery statement.

Delivery components: Product description:

The following delivery items are required regardless of the HSI:

| | |
|--------------------------|--|
| SINLIB.SSA-SM2-BS2.050 | Elements for installation into UFS and executable agent |
| SYSFGM.SSA-SM2-BS2.050.D | Release Notice in German |
| SYSFGM.SSA-SM2-BS2.050.E | Release Notice in English |
| SYSSDF.SSA-SM2-BS2.050 | SDF syntax file |
| SYSSII.SSA-SM2-BS2.050 | Product-specific information for installation via IMON |
| SYSSPR.SSA-SM2-BS2.050 | Procedures for implementation of SDF commands |

1.3 Documentation

The following documentation is available for SSA-SM2-BS2 V5.0B:

SNMP Management V5.0
User Guide. Order number U24387-J-Z135-5-76

Besides the delivery unit SSA-SM2-BS2 this user guide also describes the delivery units

- SNMP basic agent BS2000 (SBA-BS2),
- SNMP standard collection BS2000 (SSC-BS2) and
- SNMP subagent openUTM (BS2000) (SSA-OUTM-BS2).

The new functionality of SSA-SM2-BS2 V5.0B is described in an additional Readme file.

The documentation is available as online manual under
<http://manuals.ts.fujitsu.com>

In addition, for operation of the management station the respective documentation of the manufacturer is also recommended.

2 Software extensions

The description of the extended functionality for SSA-SM2-BS2 V5.0B is available as Readme file to SNMP Management V5.0 at <http://manuals.ts.fujitsu.com>.

It is an extension of the performance monitoring.
(OIDs: sm2MpVm, sm2MpVmCpuPool, sm2MpVmGroup)

3 Technical information

3.1 Resource requirements

The product occupies approx. 7400 PAM pages of disc space.
The memory requirement in the POSIX file system is negligible.

3.2 Software configuration

BS2000/OSD V2.0A or later is required to run SSA-SM2-BS2 V5.0B.

Further, the following must be installed:

| | | |
|---------------|--------------|-----------------------------|
| SBA-BS2 | as of V6.2A | |
| IMON-GPN | as of V1.5A | (included in BS2000/OSD) |
| POSIX-BC | as of V1.0A | (included in BS2000/OSD-BC) |
| POSIX sockets | as of V1.0A | (included in BS2000/OSD-BC) |
| SM2 | as of V11.2A | |

3.3 Product installation

The installation of the product with the installation monitor IMON is mandatory. When installing the product, the installation information in the delivery cover letter and the product manual must be noted in addition to that in this Release Notice.

3.4 Product use

The user guide contains a description for product use of SSA-SM2-BS2 V5.0B.

The control of a BS2000 system via SNMP must be aligned in a meaningful way with the network and system load it creates.

The use of the product is supported on management side from the following free of charge package:

| Package | Outline description |
|---------|---|
| PMBS2 | application for Windows, allows a clear graphical representation of the performance relevant values of all BS2000 systems within the net and an automatic reaction when reaching threshold values |
| tc1set | Interpreter for PMBS2 |

The package can be found on CD-ROM delivered with SBA-BS2 and can be installed using the conventional installation procedure for packages on Windows.

Attention:

PMBS2 does not support the extension of SSA-SM2-BS2 V5.0B.

3.5 Obsolete functions

- none -

3.6 Incompatibilities

- none -

3.7 Restrictions

- none -

3.8 Procedures in the event of errors

In the event of errors the following error documentation is required for diagnosis purposes:

- Exact description of the error situation and if and how the error can be reproduced;
- Log file of the agent (SYSTRC.SNMP.PERFAGT.<date>.<time>) in the user ID under which the agent was started; if the error can be reproduced you should start the agent used to generate the log file with
/START-SNMP-PERFMON ..., TRACE=*APALL
- If the program termination produced a dump it will serve as the primary diagnosis document.

4 Hardware support

SSA-SM2-BS2 V5.0B can be used on all hosts supported by BS2000/OSD.