

Fujitsu Technology Solutions

SBA-BS2 (BS2000/OSD)
Version 6.2A
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Release Notice

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1 General

The SNMP basic agent BS2000 (SBA-BS2) product

- enables the network, system and application management of BS2000/OSD systems *) from a SNMP-based management system,
- informs the user of the status of the BS2000 systems, its components and applications and of any problems that have occurred,
- provides the base for linking the BS2000/OSD systems to a system spanning control centre,
- allows the access to information of BS2000/OSD over browser (e.g. Netscape).

This release notice is a summary of the major extensions, dependencies and operating information with respect to SBA-BS2 V6.2A under BS2000.

This Release Notice is supplied as a file in uppercase/lowercase. Customers will receive an updated version of this file should any subsequent changes be made.

To print this file, use the following command
/PRINT-DOCUMENT FROM-FILE= SYSFGM.SBA-BS2.062.E, -
/ DOC-FORM=*TEXT (LINE-SPACING=BY-EBCDIC-CONTR)
(English version:).

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

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

SBA-BS2 V6.2A can be ordered from your local distributors.

SBA-BS2 V6.2A is subject to the general terms and conditions of the agreement for purchasing, using and servicing software products.

*) BS2000/OSD (R) is a registered trademark of Fujitsu Technology Solutions

1.2 Delivery

SBA-BS2 V6.2A files are delivered via SOLIS.

Delivery components: Product description:

The following delivery items are required regardless of the HSI:

SINLIB.SBA-BS2.062	Elements for installation in UFS and executable agents
SYSGM.SBA-BS2.062.D	German Release Notice
SYSGM.SBA-BS2.062.E	English Release Notice
SYSRME.SBA-BS2.062.D	German README file
SYSRME.SBA-BS2.062.E	English README file
SYSSDF.SBA-BS2.062	SDF syntax file
SYSSII.SBA-BS2.062	Product-specific information for installation via IMON
SYSSPR.SBA-BS2.062	Procedures for implementing SDF commands
SYSSSC.SBA-BS2.062	Subsystem declaration

The following delivery items are only needed on S servers:

SYSLNK.SBA-BS2.062	Module library for /390 series
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The following delivery items are only needed on SX servers:

SPMLNK.SBA-BS2.062	Module library for Sparc Code
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The following delivery items are only needed on SQ servers:

SKMLNK.SBA-BS2.062	Module library for X86 Code
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The SOLIS2 delivery letter lists the valid file and volume attributes.

1.3 Documentation

The following documentation is available for SBA-BS2 V6.2A:

1. SNMP Management V6.0 U24387-J-Z135-6-76
In addition to the extensions of the SBA-BS2 delivery unit, this manual also describe the extensions of the delivery units
 - SNMP standard collection BS2000 (SSC-BS2)
 - SNMP subagent SM2 (SSA-SM2-BS2) and
 - SNMP subagent openUTM (BS2000) (SSA-OUTM-BS2)

You find a complete description in:

2. SNMP Management V5.0 U24387-J-Z135-5-76
3. A README file, which contains extensions of the manual. When printing these files, the CONTR-CHAR=EBCDIC operand should be specified in the PRINT-FILE command.
4. The [present] Release Notice for SBA-BS2 6.2A
This Release Notice is also available online under <http://manuals.ts.fujitsu.com/mainframes.html>.

The documentation is available as online manuals under

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

or can be ordered against extra cost under

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

The documentation of the BS2000/OSD standard configuration is also required for operating SBA-BS2.

The BS2000/OSD documentation is also available on CD-ROM in German and English under the title BS2000/OSD SoftBooks.

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

2 Software extensions

The following only describes the extensions and/or improvements made in comparison to the prior version SBA-BS2 V6.1A.

SBA-BS2 V6.2A supports the new X86 architecture.

3 Technical information

3.1 Resource requirements

The following memory is required at runtime in the system and user address space:

The master agent uses 5.8 MB main memory. Each subagent uses additionally 2.4 MB.

The product uses approx. 44700 PAM pages of disk space. The disk capacity required in the POSIX files system is negligible.

3.2 Software configuration

SBA-BS2 V6.2A requires:

- BS2000/OSD-BC >= V6.0A for /390
- OSD-XC >= V4.0 for SPARC and X86

You must also install:

POSIX-BC	(contained in BS2000/OSD)
POSIX-Sockets	(contained in BS2000/OSD)
IMON	(contained in BS2000/OSD)
SDF-P-BASYS	(contained in BS2000/OSD)

To use the application monitoring of SBA-BS2, you must also install:

JV as of V14.0C

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.

Caution:

The product is automatically installed in the file system of POSIX. Therefore the old version, if available is uninstalled and then the new version is installed.

With the deinstallation of products of version < V6.0A40 the old configuration file /etc/snmp/agt/snmpd.cnf is deleted.

Please make a copy of this file if required.

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

3.4 Product use

The use of SBA-BS2 V6.2A is described in the User Guide.

The user ID that starts the master agent must also possess the POSIX root authorization in addition to the NET-ADMINISTRATION privilege.

The product is required when other agents are used in BS2000, e.g. agents supplied with openNet Server and openSM2 or the sub-agents in the delivery units

- SNMP-Standard-Collection BS2000 (SSC-BS2),
- SNMP-Subagent openUTM (BS2000) (SSA-OUTM-BS2) and
- SNMP-Subagent SM2 (SSA-SM2-BS2)

which can be ordered separately.

The use of the product is supported on management side by the free of charge product BS2-SNMP-WIN (Windows), which contains the following packages:

Package	Outline description:
CMBS2	allows the comfortable console operating of all BS2000 systems within a net over graphical user interface.
PMBS2	supports the output of SM2 data supplied by the subagent SSA-SM2-BS2.
CluMon	allows the monitoring of high availability cluster in BS2000/OSD and Reliant Unix.
tclset	Interpreter for the packages mentioned above.

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

*1 For extra ordering e.g. correction versions there is the order number U13671-C810.

The packages can also be downloaded from internet:

<http://ts.fujitsu.com/snmp/snmpmanagement.html>

3.5 Obsolete functions

- none -

3.6 Incompatibilities

- none -

3.7 Restrictions

- none -

3.8 Procedure in the event of errors

In the event of errors, the following error documents are required for diagnostic purposes:

- Detailed description of the error event and specifications as to if and how the error can be reproduced;
- Agent log file
(SYSTRC.SNMP.<agent>.< date >.< time >) in the user ID under which the agent has been started); if the problem can be reproduced, the agent for creating the log file should be started with
/START-SNMP-<agent> ..., TRACE=*APALL
- If the program crashes and a dump is created, this dump is the primary diagnostic document.

4 Hardware support

SBA-BS2 V6.2A can be used on all hosts supported by the following BS2000 versions:

BS2000/OSD >= V6.0 (/390)
OSD-XC >= V4.0 (SPARC and X86)