

Fujitsu Technology Solutions

SSC-BS2 (BS2000/OSD)
Version 6.0A
April 2009

Release Notice

All rights reserved, including intellectual property rights. Technical data subject to modifications and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see http://ts.fujitsu.com/terms_of_use.html

Copyright © Fujitsu Technology Solutions 2009

Release Notice SSC-BS2 V6.0A

| | |
|---|----------|
| 1 General | 2 |
| 1.1 Ordering | 2 |
| 1.2 Delivery | 2 |
| 1.3 Documentation | 3 |
| 2 Software extensions | 3 |
| 2.1 New subagent for Cluster Monitoring | 4 |
| 2.2 Extensions to the OMNIS Subagent | 4 |
| 3 Technical information | 4 |
| 3.1 Resource requirements | 4 |
| 3.2 Software configuration | 4 |
| 3.3 Product installation | 5 |
| 3.4 Product use | 5 |
| 3.5 Obsolete functions | 5 |
| 3.6 Incompatibilities | 5 |
| 3.7 Restrictions | 5 |
| 3.8 Procedure in the event of errors | 5 |
| 4 Hardware support | 6 |

1 General

The SNMP Standard Collection BS2000 (SSC-BS2) product extends the possibilities of SNMP Basic Agent BS2000 through

- the monitoring of central system resources like the CPU workload (performance basic functionality) and memory, devices, filesystems, pubsets and disks according to Host Resources MIB.
- the management of essential components and products of the BS2000 like AVAS, HIPLEX-AF, OMNIS, openFT, the print services (Spool und RSO), SESAM and the storage management with HSMS, MAREN, ROBAR and TLS.

This release notice is a summary of the major extensions, dependencies and operating information with respect to SSC-BS2 V6.0A under BS2000/OSD *).

This Release Notice is supplied as a file in upper-case/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-DOC SYSFGM.SSC-BS2.060.E, -
/ DOCUMENT-FORMAT = *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

SSC-BS2 V6.0A can be ordered from your local distributors.

SSC-BS2 V6.0A is subject to the general terms and conditions of the agreement for purchasing, using and servicing software products.

1.2 Delivery

SSC-BS2 V6.0A files are delivered via SOLIS.

The SOLIS2 delivery letter lists the valid file and volume attributes.

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

Delivery components: Product description:

The following delivery items are required regardless of the HSI:

| | |
|----------------------|---|
| SINLIB.SSC-BS2.060 | Elements for installation in UFS and executable agents |
| SYSFGM.SSC-BS2.060.D | German Release Notice |
| SYSFGM.SSC-BS2.060.E | English Release Notice |
| SYSLNK.SSC-BS2.060 | Module library with AVAS-EXIT |
| SYSSDF.SSC-BS2.060 | SDF syntax file |
| SYSSII.SSC-BS2.060 | Product-specific information for installation via IMON |
| SYSSPR.SSC-BS2.060 | Procedures for implementing SDF commands |

1.3 Documentation

The following documentation is available for SSC-BS2 V6.0A:

SNMP Management V6.0
User Guide. Order Number: U24387-J-Z135-6-76

In addition to the extensions of the SSC-BS2 delivery unit, this manual also describe the extensions of the delivery units

- SNMP-Basic-Agent BS2000 (SBA-BS2)
- SNMP subagent SM2 (SSA-SM2-BS2) and
- SNMP subagent openUTM (BS2000) (SSA-OUTM-BS2)

which can be ordered separately.

You find a complete description in:

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

The [present] Release Notice for SSC-BS2 6.0A
This Release Notice is also available online under
<http://manuals.ts.fujitsu.com/mainframes.html>.

In addition, BS2000 basic configuration documentation is required for the operation of SSC-BS2.

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

2 Software extensions

The following describes the extensions and/or improvements made in comparison to the prior version
SSC-BS2 V5.0.

2.1 New subagent for Cluster Monitoring

The Standard Collection SSC-BS2 is extended in version 6 by a subagent for HIPLEX-AF V3.0.

This subagent monitors high availability cluster of BS2000/OSD systems and supplies information about the current cluster configuration from view of a participating system.

The HIPLEX subagent reports all relevant events and changes in the cluster to the management station and enables thereby an efficient cluster monitoring.

2.2 Extensions to the OMNIS Subagent

With the new agent of version 6, the table of OMNIS Settings is extended by the values real timer and the number of saved messages. The terminal table is also extended by the number of saved messages.

3 Technical information

3.1 Resource requirements

The product uses approx. 42000 PAM pages of disk space. The disk capacity required in the POSIX files system is negligible.

3.2 Software configuration

SSC-BS2 V6.0A requires BS2000/OSD as of V2.0A.

You must also install:

| | | |
|---------------|-------------|--|
| SBA-BS2 | as of V6.0A | |
| POSIX-BC | as of V1.0A | (contained in BS2000/OSD-BC) |
| POSIX-Sockets | as of V1.0A | (contained in BS2000/OSD-BC) |
| IMON | as of V1.5A | (contained in BS2000/OSD) |
| SDF-P-BASYS | as of V2.0B | (contained in delivery unit BS2GA.SDF as of correction status V2.0A01) |

In addition to the general software requirements, the following requirements apply to the individual subagents:

AVAS subagent:

AVAS as of V3.0A

JV as of V11.2A

File transfer subagent:

openFT(BS2000) as of V5.2A (openFT(BS2000) as of V8.0
is required for the new functions)

HIPLEX-AF subagent

HIPLEX MSCF V1.0A

HIPLEX-AF V3.0A

OMNIS subagent:

OMNIS as of V8.1A

Performance subagent with basic functionality

SM2 as of V11.2

PrintService subagent:
SPOOL as of V3.0A (contained in BS2000/OSD-BC);
RSO as of V2.4A if RSO is used

SESAM subagent:
SESAM as of V2.1B50

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 use of SSC-BS2 V6.0A is described in the User Guide.

It makes sense to configure the monitoring of a BS2000 system via SNMP for the network and system loads induced.

3.5 Obsolete functions

- none -

3.6 Incompatibilities

HIPLEX AF version 1.0 is no longer supported by the new HIPLEX agent.

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

SSC-BS2 V6.0A can be used on all hosts supported by BS2000/OSD V2.0A and higher.