

Fujitsu Software BS2000

SNMP-AGENTS

Version 1.1C00
November 2025



Release Notice

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1 General

*12 This Release Notice is a summary of the major extensions, dependencies, and operating information with respect to SNMP-AGENTS V1.1C00 under the BS2000 operating system.

*12 The release level is that of November 2025.

*12 Changes to release level SNMP-AGENTS V1.1B45, June 2025 are marked with *12.

*11 Changes to release level SNMP-AGENTS V1.1B44, June 2024 are marked with *11.

*09 Changes to release level SNMP-AGENTS V1.1B43, June 2023 are marked with *09.

*08 Changes to release level SNMP-AGENTS V1.1B42, November 2023 are marked with *08.

*07 Changes to release level SNMP-AGENTS V1.1B41, June 2023 are marked with *07.

*06 Changes to release level SNMP-AGENTS V1.1B40, November 2022 are marked with *06.

*05 Changes to release level SNMP-AGENTS V1.1B30, June 2022 are marked with *05.

*04 Changes to release level SNMP-AGENTS V1.1B20, November 2021 are marked with *04.

*03 Changes to release level SNMP-AGENTS V1.1B10, June 2021 are marked with *03.

*02 Changes to release level SNMP-AGENTS V1.1B, November 2020 are marked with *02.

*01 Changes to release level SNMP-AGENTS V1.1A, July 2020 are marked with *01.

*05 This and other current Release Notices are available online at: <https://bs2manuals.ts.fujitsu.com>

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

- *01 • Application Monitor (appMonAgent)
- BCAM (bcamAgent)
- Console Monitor (consoleAgent)
- Host Resources (hostAgent)
- HSMS (hsmsAgent)
- openFT (openFTAgent)
- openSM2 (openSM2Agent)
- *01 • openUTM (openUTMAgent)
- *01 • SESAM/SQL (sesamAgent)
- Spool & Print Services (spoolAgent)
- Storage (storageAgent)
- *01 • TCP-IP-AP (ftpAgent)

1.1 Ordering

*12 SNMP-AGENTS V1.1C00 can be ordered from your local distributors.
SNMP-AGENTS is supplied subject to a single payment or payment by installments.

1.2 Delivery

*12 The SNMP-AGENTS V1.1C00 files are supplied via SOLIS.

The individual files of the delivery components for the individual release units are listed in the SOLIS2 delivery letter.

1.3 Documentation

*05 BS2000 documentation is available online in German and English at: <https://bs2manuals.ts.fujitsu.com>

The following documentation is also available:
SNMP-AGENTS - SNMP Management (NET-SNMP) for BS2000 User Guide

2 Software extensions

Only the expansions and improvements distinguishing this version from the predecessor version are described below.

*02 2.1 SNMP-AGENTS V1.1B

New and extended functions of SNMP-AGENTS are described in detail in the manual file. Nevertheless, here is a summary of the newly introduced features:

- *02 • bcamAgent, ftpAgent and sesamAgent were migrated from BCAM, TCP-IP-AP and SESAM respectively to SNMP-AGENTS.
- *02 • Configuration changes for AppMon, ConsMon and storageAgent are possible also without restarting of the agents.
- *02 • Program name of utm agent was changed to openUTM.
- *02 • SNMP-AGENTS have been built using OSS net-snmp 5.8 libraries.

*03 2.2 SNMP-AGENTS V1.1B10

*03 New and extended functions of SNMP-AGENTS are described in detail in the manual file. Nevertheless, here is a summary of the newly introduced features:

- *03 • hsmsAgent now requires the HSMS subsystem version to be at least V12.0
- *03 • hsmsAgent has been redesigned to follow a multiple process pattern in order to support for a higher amount of data to be processed.
- *03 • openUTM agent now requires the UTM subsystem version to be at least V7.0
- *03 • openUTM agent was supplemented with new OIDs providing application performance metrics: utmMainSubAgentMaxLoad and utmMainSubAgentCurrLoad

*04 2.3 SNMP-AGENTS V1.1B20

*04 The following improvements have been introduced:

- *04 • openFT agent now supports partner names longer than 8 characters (on ftPartnerTable)
- *04 • openUTM agent has been extended to support utmTacclassNrWaits and utmTacclassNrCalls
- *04 • SNMP-AGENTS have been fully decoupled from previous Emanate implementation

*05 2.4 SNMP-AGENTS V1.1B30

*05 The following changes have been introduced:

- *05 • sesAgent now supports multiple DBH areas
- *05 • ftpAgent no longer offers the possibility of starting an FTP server using snmpset

*06 2.5 SNMP-AGENTS V1.1B40

*06 No additional functionality was introduced in this version.

*07 **2.6 SNMP-AGENTS V1.1B41**

*07 hostAgent was extended with a new table: hrSWRunTable (.1.3.6.1.2.1.25.4.2).
This table returns all the running processes on the POSIX subsystem.

*08 **2.7 SNMP-AGENTS V1.1B42**

*08 No additional functionality was introduced in this version.

*09 **2.8 SNMP-AGENTS V1.1B43**

*09 hostAgent was extended with a new table: snmpAgtRunTable (.1.3.6.1.2.1.25.4.3).
*09 This table returns the running status of the SNMP daemon and its respective agents.

*09 openUTMAgent OID utmSyspMaxTasks (.1.3.6.1.4.1.231.2.19.3.3.11) has been changed to read-
*09 only.

*10 **2.9 SNMP-AGENTS V1.1B44**

*10 No additional functionality was introduced in this version.

*11 **2.10 SNMP-AGENTS V1.1B45**

*11 No additional functionality was introduced in this version.

*12 **2.11 SNMP-AGENTS V1.1C00**

*12 The hostAgent has been extended. It now also displays POSIX file systems.
*12 Only mounted file systems are displayed.
*12 The POSIX file systems are assigned to storage type 1 (OID hrStorageTypes).
*12 The mount point is output via the OID hrStorageDescr.

3 Technical information

3.1 Resource requirements

- *12 The product uses approximately 325000 PAM pages of disk space on the BS2000 file system and
- *12 426 MB on the /opt partition of the POSIX file system.

3.2 Software configuration

- *12 The basic configuration of BS2000 OS DX Service Pack 25.2 is required to run SNMP-AGENTS.

When using single agents, the following BS2000 software products/components are additionally required:

- *12 Application Monitor (appMonAgent):
JV as of V15.2 (contained in BS2000 OS DX)
- *12 BCAM (bcamAgent), Console Monitor (consoleAgent):
openNet Server as of V21.0B (contained in BS2000 OS DX)
- *02 HSMS (hsmsAgent):
*12 HSMS as of V12.0 (contained in BS2000 OS DX)
- *02 openFT (openFTAgent):
*02 openFT (BS2000) as of V12.1
- *12 openSM2 (openSM2Agent):
openSM2 as of V21.0C
- openUTM (openUTMAgent):
openUTM as of V7.0
- *02 SESAM/SQL (sesamAgent)
*02 SESAM as of V9.1
- *12 Spool & Print Services (spoolAgent):
SPOOL as of V4.9 (contained in BS2000 OS DX)
- *02 TCP-IP-AP (ftpAgent)
*12 TCP-IP-AP as of V5.3 (contained in BS2000 OS DX)

3.3 Product installation

Installing SNMP-AGENTS with IMON (installation monitor) is mandatory. Please follow the information concerning installation in the delivery cover letter and 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.

- *12 **Note:**
*12 After uninstalling an older version of SNMP-AGENTS and subsequently installing NET-
*12 SNMP and SNMP-Agents V1.1C00, the customized configuration files of NET- SNMP and SNMP-
*12 Agents (e.g., snmpd.conf or net-snmp-config) are reactivated again.
*12 The default configuration files are in the directory /etc/snmpd with filename suffix .orig.
*12 The customized startup scripts S90net-snmp and S91snmp-agents, on the other hand, are copied
*12 to S90net-snmp.bkp and S91snmp-agents.bkp in the directory /etc/snmp and replaced by the new
*12 supplied startup scripts.
*12 Please review differences and update your configuration if needed.

3.4 Product use

- *12 To use the SE Server's Management Unit as an SNMP proxy server, the comment character must
*12 be removed in the 7 lines following the comment line
*12 "# Uncomment the following 7 lines to add local access for Management Unit(s) from senet"
*12 in the configuration file /etc/snmp/snmpd.conf.
*12 The changes will take effect after restarting the SNMP daemon.
- *12 For the agent consoleAgent, the start option must be adjusted in the start file /etc/rc2.d/S91snmp-
*12 agents (see comments in S91snmp-agents).

3.5 Discontinued functions (and those to be discontinued)

None.

3.6 Incompatibilities

None

3.7 Restrictions

- *10 Some SYSLOG messages with regards to User/Account information are incorrectly marked as Er-
ror or Warning and should be disregarded, as they are merely informative.

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.
- If the program crashes and a dump is created, this dump is the primary diagnostic document.
- Logs for appropriate agent from syslogd.

The error must be reported to the appropriate service provider. An incident will be opened with Second Level Support.

4 Hardware requirements

- *12 SNMP-AGENTS V1.1C00 can be used on all FUJITSU servers BS2000 SE series.