

DATA SHEET

SNMP-Subagent openUTM (BS2000/OSD) Version 5.0

SNMP subagent for the transaction monitor

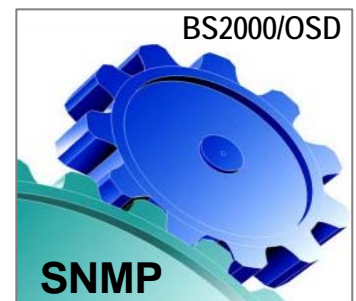
Issue April 2009

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SNMP subagent for the openUTM transaction monitor in BS2000/OSD

The product **SNMP Subagent UTM (BS2000/OSD)** is offered by Fujitsu to customers wanting to manage the **BS2000** transaction monitor openUTM and their own applications which run on top. The short name of the product is **SSA-OUTM-BS2**. This product is an add-on to the **SNMP Basic Agent** in **BS2000**, providing a suitable subagent for controlling and monitoring transaction applications.

In combination with the **SNMP Basic Agent**, the **SNMP Subagent for openUTM** in **BS2000** serves to connect **BS2000/OSD** systems directly to a central management system for heterogeneous networks on the basis of the standard protocol **SNMP**. It enables customers with large multi-vendor networks comprising heterogeneous systems to use **SNMP** for monitoring and control of the **BS2000/OSD** systems in the network from a central management platform (control center). In combination with the basic product **SNMP Basic Agent BS2000** and further subagents, it provides comprehensive management functions, from traditional network management through system and applications management to the management of middleware, specifically the **OLTP** system openUTM.



Functional Description

The **SNMP Subagent for openUTM** enables selected UTM applications in **BS2000/OSD** to be monitored by evaluating the objects associated with them. These objects are summarized in an **BS2000**-specific MIB and written in **ASN.1** notation.

Specifically, the **SNMP Subagent for openUTM** in **BS2000** offers the following facilities:

- monitoring and control of selected UTM applications from the management platform. **SNMP** language elements enable the UTM MIB objects which relate to the applications to be queried and set.
- display of information relating to system parameters, physical and logical terminals, terminal pools, transaction codes, transaction classes, user data, connections and statistical data.

- modification of attributes of an application, locking and unlocking UTM data terminals, changing system parameters, etc.
- terminating a UTM application via the subagent.

The subagent and the monitored UTM application communicate via the **UPIC** interface. The subagent can only be connected to one application at a time. Each UTM application is addressed via its own individual **BCAM** application name.

The **SNMP** basic agent in **BS2000** together with its **SNMP** subagents can in principle be connected to any management control center via the "open" **SNMP** protocol. The product **CA Unicenter** on **Windows** are recommended and supported as the management platforms of choice. This product offers all the facilities necessary for integration of **BS2000/OSD** with its standardized and proprietary MIBs.

TECHNICAL DETAILS

SNMP-SUBAGENT OPENUTM (BS2000) V5.0

Technical requirement

Hardware

All systems of the Sxxx, S1xx and SR2000 series supported by BS2000/OSD V2.0 or higher or OSD-SVP V2.0 or higher. Similarly, the Manager components (MIBs and procedures) must be compatible with all Windows and Solaris systems on which Unicenter runs. A color monitor with a 21" (50 cm) screen diagonal is recommended for the graphical user interface.

For installation of the product on the BS2000/OSD system, approx. 8,600 PAM pages (17 MB) of disk space are required.

Technical requirement

Software

For SNMP-Subagent UTM V5.0:
 SNMP-Basic-Agent BS2000 V5.0 or V6.0,
 BS2000/OSD-BC V2.0 or higher or OSD/SVP V2.0 or higher,
 IMON-GPN V2.0 or higher (included in BS2000/OSD),
 POSIX-BC V1.0 or higher (included in BS2000/OSD),
 POSIX-Sockets V1.0 or higher (included in BS2000/OSD),
 UTM V3.3 / UTM-D V2.0 or
 openUTM V3.4 or higher / openUTM-D V3.4 or higher .
 On the SR2000 model it is only possible to use openUTM V4.0 or openUTM-D V4.0.

Operating mode

Dialog

Implementation language

C

User interface

German/English

Installation

By the user on the basis of the release notice and user guide.

Documentation

User guides

The documentation is available in the form of online manuals at <http://manuals.ts.fujitsu.com/mainframes.html> or can be ordered in the form of printed manuals for an additional payment at <http://manualshop.ts.fujitsu.com> .

Demands on the user

Knowledge of the operation of SNMP management systems and product installation in BS2000.

Training

See course offer at:

<http://training-mediaserver.ts.fujitsu.com/elearningmedia/catalog>

Conditions

This software product is supplied to the customer under our conditions against a single payment of installments.

Ordering and delivery

This software product may be obtained from your local Fujitsu Technology Solutions regional office.

Information about environmental care, policies, programs and our Environmental Guideline FSC03230:

ts.fujitsu.com/aboutus

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