

SCCA-BS2 (BS2000/OSD) Version 1.0

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Storage Control Center Agent for BS2000/OSD

SCCA-BS2 is the BS2000/OSD agent for the EMC ControlCenter Software Family of EMC Corp., Hopkinton/MA (USA). SCCA-BS2 implements the integration of BS2000/OSD and the attached Symmetrix subsystems into this product.

SCCA-BS2 supplies the information specific to the BS2000/OSD operating system in relation to servers, disk configuration and SAN connection to the central server of the EMC ControlCenter.

The SCCA-BS2 EMC ControlCenter Agent supports the execution of actions initiated from the EMC ControlCenter console for the purpose of controlling the Symmetrix subsystems.

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Functional description

■ Information about the BS2000/OSD Server

SCCA-BS2 provides the EMC ControlCenter with detailed information about the BS2000/OSD server. This includes e.g. the processor name, the server model, the operating system version, the memory size, etc. The EMC ControlCenter maps this information with the data from its other agents in the different display windows.

■ SAN integration

BS2000/OSD servers connected to a SAN via Fibre Channel supply the EMC ControlCenter with information about their Host Bus Adapters (HBAs). Using this information, EMC ControlCenter computes the complete topology of the SAN. The full picture, known as the 'end-to-end' view, of all connections and paths from the server through the connectivity elements to the physical device in the storage subsystem is displayed in the 'Topology View' of the EMC ControlCenter.

■ BS2000/OSD device MNs

For devices attached to the BS2000/OSD server, SCCA-BS2 automatically provides the EMC ControlCenter with the MN and VSN assignments of the BS2000 devices to the Symmetrix-internal device name (logical volumes). The BS2000/OSD MNs and VSNs assigned in this way are provided in the main views of the EMC ControlCenter.

■ Symmetrix actions

SCCA-BS2 supports the execution of actions to control Symmetrix storage subsystems initiated by the GUI of the EMC ControlCenter console. SCCA-BS2 thus represents an ideal complement to SHC-OSD for non-automated processes.

■ Supported EMC ControlCenter Family Products

SCCA-BS2 V1.0 primarily supports the EMC ControlCenter applications Symmetrix Manager, Replication Manager, SAN Manager and StorageScope. Further EMC ControlCenter applications dispose of the BS2000/OSD specific attributes supplied by SCCA-BS2 for their views.

Program description

SCCA-BS2 V1.0 is based on the strategic Symmetrix interface SYMAPI and the SYMAPI server (symapisrv), both from EMC Corp. These are provided by EMC under the EMC Developers Program. SYMAPI and the SYMAPI server use POSIX interfaces and run in TU. The TPR subsystem SYMAPI-D is used to support privileged functions. SYMAPI operates as a "full client", i.e. access to Symmetrix goes via BS2000/OSD (channel, Fibre Channel).

Technical requirements

Hardware

BS2000/OSD Business Server / Business Server SX series
Symmetrix models with Engenuity 5x66 or higher
Type 2 or S channel or FC from BS2000 to Symmetrix

Software

BS2000/OSD-BC V4.0 or higher (with POSIX-BC subsystem)
or OSD/XC V1.0 or higher
EMC ControlCenter product family starting from V5.2 SP2

Operating mode

Batch

Implementation language

C

User interface

English commands
Message texts optionally German or English

Installation

By the user in accordance with the release notice

Documentation

SCCA-BS2 ReadMe file

Conditions

This software product is supplied to the customer under the conditions for the use of software products against a single payment or installments.

Warranty

Class: A
Delivery format: Machine language

Ordering and delivery

This software product may be obtained from your local Fujitsu Siemens Computers regional office.