

DATA SHEET

Fujitsu BS2000/OSD RFA Version 18.0 Software

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Remote File Access

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Using RFA (Remote File Access) it is possible for BS2000 users to access the databases of other BS2000 systems from their task. In this regard, it is irrelevant whether these systems run on a native basis on a server or as guest systems under VM2000.

Access can be effected via interfaces of the BS2000 data administration system (DVS), both via BS2000 commands and via program interfaces.

Each task can establish an RFA connection with a maximum of 16 other systems. Prerequisite to this is that all the systems involved form a subset of a BCAM network.

RFA thus enables users to process data stored on another system without having to copy these data to the local system.

When using RFA to access files, the communication partners can be connected locally or remotely, and the requested files can be stored on private or public volumes. Except for EAM, all DMS access methods are supported in addition to the majority of DMS commands and many of the utility routines. RFA also supports file transfer from one BS2000/OSD server to another.

There is generally no need to modify the user program in order to access files via RFA. Only the job control language (JCL) needs to be converted in order for jobs generated for local data processing to be able to access data stored on other BS2000/OSD systems.

Setting up a partner task

Before a task can access data stored on another BS2000/OSD system, it must first send a special command in order to initiate a partner task on that BS2000/OSD system. This partner task is set up under the user ID and account number of the initiating task.

Each user task can operate with up to 16 partner tasks. Data access.

Data access

All data access operations are conducted via the partner task, without any direct communication between the partner task and the initiating process. The latter submits its requests to the operating system in the normal way, and it is the operating system which then handles the communication with the partner task through the medium of the RFA component. The data access itself is performed by the partner task (i.e. by a user task created under the user ID of the initiating task). In other words, this provides a simple means of ensuring that the normal BS2000/OSD data protection measures are not violated even when using remote access.

RFA V18.0 supports RFA links to following BS2000 systems:

- BS2000/OSD-BC V9.0 via RFA V18.0
- BS2000/OSD-BC V8.0 via RFA V17.0
- BS2000/OSD-BC V7.0 via RFA V16.0
- BS2000/OSD-BC V6.0 via RFA V15.0.

RFA supports the access to files > 32 GB.

RFA supports the access to the encrypted files.

But not their encryption or decryption (ENCRYPT-FILE and DECRYPT-FILE commands).

TECHNICAL DETAILS

RFA BS2000/OSD VERSION 18.0

Hardware

BS2000/OSD business servers of the S-series
Business servers of the SX-series and the SQ-series

Software

On business servers of the S series:
BS2000/OSD-BC V8.0
openNet Server as of V3.3
TIAM V13.2
On business servers of the SX- and the SQ-series:
OSD/XC V9.0

Implementation language

Assembler, SPL

User interface

Commands English
Message texts either English/German

Installation

By the user, on basis of the Release Notice

Documentation

RFA V14.0A
Remote File Access
User Guide
(also applies to RFA V18.0)

Training

See course offer at:

https://sp.ts.fujitsu.com/dmsp/docs/ca_bs2000-course_de.pdf

Conditions

This software product can be purchased by the customer against a single payment or leased in accordance with our conditions for the use of software products.

Ordering and delivery

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

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

ts.fujitsu.com/aboutus

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