

Fujitsu Software BS2000 RFA Version 21.0

Remote File Access



Topics

Product characteristic

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.

Product description

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 server to another.

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

Setting up a partner task

Before a task can access data stored on another BS2000 system, it must first send a special command in order to initiate a partner task on that BS2000 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 data protection measures are not violated even when using remote access.

RFA V21.0 supports RFA links to following BS2000 systems:

- BS2000 OS DX V1.0 via RFA V21.0
- BS2000 OSD/BC V11.0 via RFA V20.0

RFA supports the access to files > 32 GB.

RFA supports the access to the encrypted files.

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

Technical Details

Requirements

Technical Requirements Hardware	FUJITSU Server BS2000
Technical Requirements Software	BS2000 OS DX V1.0 openNet Server V21.0 TIAM V13.2
User Requirements	Knowledge of BS2000

Installation

Operating Mode	
Implementation Language	Assembler, SPL
User Interface	Commands English Message texts either English/German
Installation	By the user, on basis of the Release Notice

Documentation and Training

Documentation	Remote File Access User Guide The documentation is available as online manuals, see Manuals
Training	See course offer (German) Courses

Purchase and Delivery

Conditions	This software product is supplied to the customer against a single payment or installments in accordance with our conditions for the use of software products.
Order and Delivery	This software product may be obtained from your local Fujitsu Technology Solutions GmbH regional office.

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2023-01-30 EM EN

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