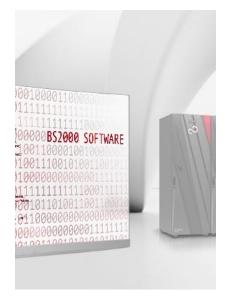


DatasheetFujitsu Software BS2000 RFA Version 21.0

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.

Fujitsu Platform Solutions

In addition to Fujitsu Software BS2000, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio Built on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions, and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products
www.fujitsu.com/global/products/co
mputing/

Software www.fujitsu.com/software/

More Information

Learn more about Fujitsu Software BS2000, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

www.fujitsu.com/emeia/bs2000

Fujitsu Green Policy Innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at https://www.fujitsu.com/global/about/environment



Copyright

© Copyright 2022 Fujitsu Limited

All rights reserved, including intellectual property rights.
Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see www.fujitsu.com/global/about/resources/terms/

Disclaimer

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

Contact

Fujitsu

BS2000 Services

Email: <u>bs2000services@fujitsu.com</u>
Website: <u>www.fujitsu.com/emeia/bs2000</u>

2023-01-30 EM EN

© Fujitsu 2022. All rights reserved. Fujitsu and Fujitsu logo are trademarks of Fujitsu Limited registered in many jurisdictions worldwide. Other product, service and company names mentioned herein may be trademarks of Fujitsu or other companies. This document is current as of the initial date of publication and subject to be changed by Fujitsu without notice. This material is provided for information purposes only and Fujitsu assumes no liability related to its use.