

Fujitsu Server BS2000 ETERNUS AF/DX

FW Support

June 2023



Release Notice

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1 General

This release notice supplements the SERVICE FACTS of the firmware releases for ETERNUS DX and ETERNUS AF storage systems. It contains an overview of the firmware currently released for BS2000 on ETERNUS online storage systems.

- *07 The release level is that of: June 2023.
- *07 Changes to release level February 2023 are marked with *07
- *06 Changes to release level November 2022 are marked with *06
- *05 Changes to release level August 2022 are marked with *05
- *04 Changes to release level July 2022 are marked with *04
- *03 Changes to release level December 2021 are marked with *03.
- *02 Changes to release level November 2021 are marked with *02.
- *01 Changes to release level October 2021 are marked with *01.

This and further ongoing release notices are available online at <http://bs2manuals.ts.fujitsu.com>.

Additionally the following release notices have to be taken into account (depending on the installed software):

BS2000 OSD/XC
BS2000 OS DX
SHC-OSD

1.1 Documentation

- *05 The documentation is also available on the internet at <https://bs2manuals.ts.fujitsu.com>.
- *05 There you will find both individual manuals and (under the „Softbooks“ tab) the ISO
- *05 image of a DVD with the entire inventory.

The SERVICE FACTS of the firmware releases for ETERNUS DX and ETERNUS AF storage systems are available on the [Fujitsu Technical Support pages](#).

Search via “Select a new Product”

- select „Browse For Product“
- select product line “Storage”
- select product group “ETERNUS”
- select the product family ETERNUS DX or ETERNUS AF → your product
- select “DOWNLOADS” → Operating System
 - “OS Independent (BIOS, Firmware, etc.)”
 - “Flash - Firmware ...”
 - “ETERNUS ... Release Notes“
- select “Driver”

2 FW support matrix for SE Server

2.1 ETERNUS DX

| Storage | |
|------------------|-------------------------------|
| Firmware version | |
| | DX500/600 S3 |
| *04 | V10L90-3000 SAN |
| *02 | V10L90-2000 SAN |
| | V10L90-1000 SAN |
| | V10L88-8000 SAN |
| | DX500/600 S3 - Unified |
| *04 | V10L91-3000 Unified |
| *02 | V10L91-2000 Unified |
| *01 | V10L91-1000 Unified |
| | V10L89-7000 Unified |
| | DX500/600 S4 |
| *06 | V10L90-4000 SAN |
| *04 | V10L90-3000 SAN |
| *02 | V10L90-2000 SAN |
| | V10L90-1000 SAN |
| | V10L88-8000 SAN |
| | DX500/600 S5 |
| *07 | V11L60-7000 SAN |
| *06 | V11L60-5000 SAN |
| *05 | V11L60-3000 SAN |
| *03 | V11L60-0000 SAN |
| | V11L50-1000 SAN |
| | V11L40-7000 SAN |
| | DX900 S5 |
| *07 | V11L60-7000 SAN |
| *06 | V11L60-5000 SAN |
| *05 | V11L60-3000 SAN |
| *03 | V11L60-0000 SAN |
| *02 | V11L50-2000 SAN |
| *01 | V11L50-1000 SAN |
| | DX8700 S3 |
| *06 | V10L90-4000 SAN |
| *04 | V10L90-3000 SAN |
| *02 | V10L90-2000 SAN |
| | V10L90-1000 SAN |
| | V10L88-8000 SAN |
| | DX8900 S4 |
| *07 | V11L60-7000 SAN |
| *06 | V11L60-5000 SAN |
| *05 | V11L60-3000 SAN |
| *03 | V11L60-0000 SAN |
| *02 | V11L50-2000 SAN |
| *01 | V11L50-1000 SAN |

2.2 ETERNUS AF

| Storage | |
|------------------|-----------------|
| Firmware version | |
| | AF650 S2 |
| *06 | V10L90-4000 SAN |
| *04 | V10L90-3000 SAN |
| *02 | V10L90-2000 SAN |
| | V10L90-1000 SAN |
| | V10L88-8000 SAN |
| | AF650 S3 |
| *06 | V11L60-5000 SAN |
| *05 | V11L60-3000 SAN |
| *03 | V11L60-0000 SAN |
| | V11L50-1000 SAN |
| | V11L40-7000 SAN |

3 Technical information

3.1 Software configuration

Support is granted for all SE Server with BS2000 as of V20.0.

*02 3.2 Product use

*02

*02 The Concurrent Firmware Update for storage systems connected to BS2000 servers should definitely be done in „online / **automatic mode**“.

*02 If the update in „online / **operator intervention mode**“ is unavoidable for technical reasons, make sure that all disks of the already updated CM are reconnected to BS2000 before you update the next CM. The availability must be ensured in cooperation with the BS2000 system administration and/or the BS2000 HW service (possibly connected remotely).

*02 It is no longer necessary to change the timeout setting in BS2000 via /MODIFY-IO-UNIT.

3.3 Restrictions

-

3.4 Procedure in the event of errors

In case of hardware or firmware errors, please contact your local service provider.

If a general error occurs in BS2000, please pay attention to the regarding instructions in the BS2000 release notices.

4 Hardware requirements

This release exclusively extends to FibreChannel connections via FC switch on the SE Server.