FUJITSU Software

ServerView Infrastructure Manager V2.0

General Standards for Firmware Update Time

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FUJITSU LIMITED

It may take some time to update firmware with the use of the Firmware Manager of ServerView Infrastructure Manager V2.0. This document provides guideline standards for the time required to update firmware.

When making plans to update firmware, refer the times described in this document. Moreover, interrupting the firmware update before completion should be avoided.

The times described in this document indicate the time taken for updating the current firmware with standard configurations. Since the time may vary depending on the firmware version, network configurations and/or network load conditions, it is recommended to plan with enough margin, including time to address unexpected troubles.

For the abbreviations used within this document and details of Firmware Manager, refer to the manuals below.
　　・FUJITSU Software ServerView Infrastructure Manager V2.0 User's Manual
　　・FUJITSU Software ServerView Infrastructure Manager V2.0 Glossary

■General Standards for Firmware Update Time

Target of Firmware Update	Standard Time / Unit	Note
Firmware update of iRMC in PRIMERGY	Online update 10 to 20min.	
	Offline update 15 to 30min.	
Firmware update of BIOS in PRIMERGY	Online update 1 to 2min.	To apply firmware, it is necessary to account for time powering the server ON/OFF separately.
	Offline update 15 to 30min.	
Firmware update of network switch SR-X	2 to 10min.	
Firmware update of converged switch VDX	15 to 30min.	
Firmware update of PCI card	Online update 5 to 15min.	To apply firmware, it is necessary to account for time powering the server ON/OFF separately. The time noted in the left is the time taken per card.
	Offline update 15 to 20min.	The time noted in the left is the time taken per card.

Target of Firmware Update	Standard Time / Unit	Note
Firmware update of ETERNUS DX/AF series	10 to 60min.	When a unified environment exists and multiple controller enclosures are installed, the update time will be longer.