

# Installation Pack

## Technical Appendix for Multi-Vendor Servers

We install what we support – help in getting started with Multi-Vendor Servers.

### Introduction

The Technical Appendix supplements the general data sheet "Multi-Vendor Server and Storage Installation Pack" and describes the specific services for Multi-Vendor / OEM Enterprise servers. The prerequisites described in the respective installation manuals must be taken into consideration. For Fujitsu PRIMERGY products, please see the Data Sheet for the Fujitsu Installation Pack.

### Prerequisites

All Manufacturer installation instructions and prerequisites must be adhered to and available to the installing engineer.

### Scope of service: Basic and Advanced

The service for the server system to be installed covers the system unit, internal components, the local monitor and the keyboard. If the system was already pre-installed in a rack at the factory, the installation and connection of the rack is also included. The services described in the data sheet apply for the Hewlett-Packard Enterprise, Dell, Lenovo, IBM, Oracle (and other) servers; in detail, they are as follows:

1. Installation of the rack mount kit provided by the customer, as necessary.
2. Visual check of integrity of the components to be installed and, if required, installation of the new server in the rack (conversions in the rack are not included).
3. Installation of the hardware: Assembly of the hardware components according to the manufacturer's specifications. Installation of all components belonging to the basic server unit.
4. Performance of all function tests recommended by the manufacturer
5. Establishment of the physical connections for power supply, system console, LAN, Fibre Channel, SCSI, FCOE, management / remote connection, etc.
6. Check the BIOS and firmware are up to date and update if necessary to latest version.
7. Function test: Ensure that the system powers up and the integrated self-tests are completed without errors.
8. Configuration of the RAID controller for the internal disks for the boot array according to customer's specifications and in due consideration with the technical possibilities.
9. Partitioning of the disk devices required for installation of the operating system.
10. Installation of a released version of an operating system. Installation media has to be provided by the customer. The OS has to be certified for the respective system. If the OEM has a standard Installation Product or method, this will be used for the installation in standard mode (typical). Configuration of any virtual instances is not part of a standard installation.
11. Customer-specific adaptation of the network configuration files: e.g. configuration of the host name, IP address, routing tables, gateway, if required for further operation and installation of the applications.
12. Initial operation of server management and remote access (if the respective infrastructure is available), installation and configuration of remote support software.
13. Function test: Ensure that the system powers up to the command prompt screen for the operating system and that it is accessible from the network.

Table showing the installation steps listed above as available for the different Installation Pack type

Installation Step	Basic	Advanced
1	X	X
2	X	X
3	X	X
4	X	X
5	X	X
6	X	X
7		X
8		X
9		X
10		X
11	X	X
12		X

Overview of the number of packs needed to the number of servers being installed:

Number of packs required to server numbers	
No of Servers	No of Packs
1 - 5	1
6 - 10	2
11 - 15	3

For any unanswered questions please contact  
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