Datasheet
Qumulo

FUJITSU

InstallationPack and ImplementationPack

Introduction

The Fujitsu InstallationPacks offer the installation of servers or switches. Installation means to mount systems into a rack and to make them ready for the implementation.

Our ImplementationPack provides the commissioning of implementation services for Qumulo© storage systems in the following versions:

- Basic (without network switches)
- Advanced (with network switches)

Supplementary information may also be provided in product specific Technical Appendices to this datasheet. The services cover the implementation of the Qumulo© software, configuration according to vendor best practice guidelines and formal instruction to cover the operation of the Qumulo solution.

Scope of Service

Fujitsu provides the services described in this datasheet for the specific Qumulo system for which this service has been commissioned, including all integral components for the purchased configuration. Where applicable, further product specific details are described in a Technical Appendix for the respective product.

The time based pack is used to provide additional cost coverage for supplementary or additional work related to the Installation or ImplementationPacks. For example, this could be utilized for the addition of further nodes or to cover additional travel expenses. It should only be used with the agreement of the central implementation teams.

Further services that are not part of the Fujitsu ImplementationPack, can be provided on request and will be charged on a time and material basis in accordance with the valid Fujitsu price list. The implementation is performed properly and according to the manufacturer's specifications by certified technicians

The implementation is considered complete when all functional tests as described in the respective Technical Appendix are executed successfully. After the completion of the implementation and accomplishment of the orientation session with the customer, the system is prepared in the optimal way for further configuration and for initial operation by the customer.

Order codes

- FUJITSU Installation Pack Basic for Servers
  FSP:G-IN210XXPRSER (SP SOL Int Inst Qumulo Server)
- JUNIPER Switch for Qumulo Installation Pack
  FSP:G-IN230XXPRSER (SP SOL Int Inst Qumulo Switch)
- FUJITSU Implementation Pack Basic for Qumulo©
  FSP:G-IN211XXPRSER (SP SOL Int Imp Qumulo Basic)
- FUJITSU Implementation Pack Advanced for Qumulo©
  FSP:G-IN212XXPRSER (SP SOL Int Imp Qumulo Advanced)
- FUJITSU ImplementationPack (Qumulo©) Time (Half Day)
  FSP:G-IM322XXPRSER Int Imp Qumulo IM TIME BASED

Service in detail

Implementation Preparation

- Basic:
Fujitsu and the customer will have a kick-off call or virtual meeting to define the implementation steps. In this kick-off call the timeline for implementation which suits both parties will be defined and the pre-installation planning checklist will be introduced and handed over to the customer. After the customer submits the pre-installation planning checklist, Fujitsu will perform a site readiness call with the customer to ensure that the prerequisites for the contractually agreed implementation are in place.

- Advanced (Including network setup by Fujitsu):
In addition to the tasks described under 'Basic' there will be an additional pre-installation checklist for the implementation of the switching components, which have to be submitted by the customer. After the customer submits the pre-installation planning checklist, Fujitsu will perform a site readiness call with the customer to ensure that the prerequisites for the contractually agreed implementation are in place.

Installation

- As detailed, the implementation covers the individual setup of the system.
- Precondition is, that the Qumulo system and, where necessary, also the switches are physically installed into the customer environment and fully wired and connected to the customer infrastructure.
- This installation activity is covered by Fujtisu's Installation Packs for Servers and/or Switches.
- Minimum installation starts with 4 server nodes.
- The InstallationPack Server contains the installation of 1 server
  - ➢ mount server nodes in rack
  - ➢ connect power
  - ➢ connect to network, configuration of IPMI
  - ➢ enablement of a remote connection for the Implementation phase if this approach has been agreed with the customer
- Each InstallationPack Switch contains the installation of 2 switches to support up to 8 servers
  - ➢ mount switch in rack
  - ➢ connect power
  - ➢ cabling to the servers (up to 8 servers)
  - ➢ all installations are planned to be done in the same rack where the servers are.

Implementation

- Basic
  - ➢ Visual inspection of the rack
  - ➢ Network connectivity checkup
  - ➢ Verification and, where applicable, update the BIOS or firmware in agreement with the customer.
  - ➢ Installation of Qumulo© operating system in a version released for the system
  - ➢ Basic cluster configuration without data migration
  - ➢ Update of installed Qumulo© software to desired version
  - ➢ Integration of the newly installed product in Qumulo© cloud-based monitoring, if required.
  - ➢ Includes up to server 8 nodes per implementation pack
- Advanced (in addition to the implementation described under Basic)
  - ➢ Implementation and configuration of FUJITSU certified JUNIPER network switches.
  - ➢ Includes the implementation of up to 2 switches to support up to 8 server nodes.

System Handover

After the successful implementation Fujitsu will conduct a customer orientation session with following topics:

(Duration: 4 hours for Qumulo system + 1 hour for network)

- Cluster UI, CLI & RBAC
- Analytics
- API
- Active Directory & LDAP
- Sharing & Permissions -SMB, NFS & XPP
- Directory Structure Layouts
- Quotas
- Snapshots -Creating & Recovering Data
- Replication
- Qumulo Core Upgrades
- Adding Nodes
- Cloud Based Monitoring
- Remote Support VPN
- Qumulo Care & Trends
- Support Via Qumulo Customer Care
- Handover of network integration documentation (if switch implementation is done by Fujitsu)
- Q&A

The customer should provide a conference room and projector for this orientation session if carried out on site.

After this Fujitsu will handover the system with a protocol and acceptance of the customer by signature that the implementation was completely performed in accordance with the description for the purchased ImplementationPack.

Service Time

The Implementation is carried out by Qumulo Certified Implementation Engineers at the agreed date during local business hours (standard service time) that may vary between countries.

Please see details for respective country under http://www.fujitsu.com/fts/support-local-terms

Any different implementation times can be agreed if required and against payment of additional costs.

Travel Expenses

Travel cost for server or switch installation is included as standard in the installation packs.
Implementation is assumed to be delivered remotely and, therefore, no travel costs are included in Implementation Pack pricing outside of DE, AT and CH. If a requirement dictates that implementation activities must be delivered on site then the associated costs will be charged additionally.

Prerequisites

The following prerequisites apply for the execution of the ImplementationPacks Basic and Advanced as ordered:

- The required infrastructure (connections for the power supply, LAN, Fibre Channel, SCSI, etc.) including the necessary building cabling, are to be provided by the customer in such a way that they can be connected to the system.
- Installation of the hardware (server and switches) and establishment of the physical connections.
- The system and all other components required for the installation are located directly at the installation location.
- Basic configuration parameters, as defined in the pre-installation planning checklist. The implementation service must be claimed by the customer within 90 days after placement of the order. Fujitsu reserves the right to increase the fee for the ImplementationPack after this period.
- Customer should provide a conference room and projector for the orientation session if carried out on site.

Exclusions

This Fujitsu ImplementationPack is only available for the initial installation of new FUJITSU certified Qumulo©server nodes.

Planning or design services for the integration of the systems into the IT environment of the customer or an assessment of the IT environment are not included in the ImplementationPack. Fujitsu offers separate services for this.

This service does not include installation or configuration of additional switches and/or networking equipment. We do not offer advanced performance testing or tuning as a part of this service.

As a part of this service, Fujitsu will not load, manage, migrate, or manipulate your data. Details of such services provided by Fujitsu can be advised on request.

Scope of Service Location

These services are available in the following countries: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Hungary, Ireland, Israel, Italy, Luxembourg, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland, Turkey, United Kindom

Legal Information / General Terms and Conditions

In addition to this data sheet, which includes a final list of the features of the services, the general business terms and conditions of the respective local Fujitsu entity for the performance of the services in its respective local version shall apply.
Please refer to: Terms and Conditions

More information

Fujitsu products, solutions & services

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.

www.fujitsu.com/global/products

More information

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

www.fujitsu.com

Fujitsu green policy

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.

Please find further information at http://www.fujitsu.com/global/about/environment

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