Datasheet
PRIMEFLEX for VMware vSAN

FUJITSU

Remote ImplementationPack (EMEA outside Germany)

Introduction

Fujitsu offers a PRIMEFLEX for VMware vSAN ImplementationPack to build a vSAN environment into a reliable fully functional infrastructure that is completely ready to receive VM guest guests.

The PRIMEFLEX for VMware vSAN ImplementationPack delivers a standard pre-tested infrastructure design from a minimum starting configuration of 3 nodes capable of being expanded in steps of 1 or more nodes up to the maximum total of 16 nodes.

Alternatively, there is an ImplementationPack for a switchless vSAN cluster, suitable for use in remote locations. The 2 node Cluster cannot be expanded with additional nodes.

To ensure service quality and ongoing support assurance, PRIMEFLEX ImplementationPacks can only be delivered by a Certified PRIMEFLEX Implementation Engineer.

Benefits

PRIMEFLEX for VMware vSAN architecture allows you to start small and then grow the physical environment to meet your actual needs, allowing the ability to subsequently reduce the physical environment and save running costs or redeploy nodes elsewhere (subject to the minimum node count of 3). The PRIMEFLEX for VMware vSAN ImplementationPack supports and underlines this flexibility.

PRIMEFLEX for VMware vSAN ImplementationPack

Fujitsu's PRIMEFLEX for VMware vSAN ImplementationPack comes in four variants:

- The Start Base ImplementationPack defines the new PRIMEFLEX base solution and includes the default setup tasks. Please note that the Start Base does not include any nodes.
- The Node Pack is used to cover the tasks required to prepare and add each node into the Cluster. This can be used for deployment at initial purchase time or to expand the Cluster at a later date in conjunction with a Cluster Extension Base pack.
- The Start Edge ImplementationPack forms the base for a 2 server node switchless cluster. This cannot not be further scaled to more server nodes.
- The ClusXT Base is used to extend an existing cluster at a later date (system expansion).
- The time pack is used to provide additional cost coverage. It should only be used with the agreement of the central implementation teams.

Delivery Method

PRIMEFLEX Remote ImplementationPacks cover on-site physical install of Hardware and network cabling and the remote delivery of implementation tasks. If on-site implementation is required then additional charges will apply which can be agreed on request and ordered via the Time Pack.

Order codes	
PRIMEFLEX for vSAN Start Base: *FSP:G-IM273XXPRSER*	PRIMEFLEX for vSAN Start Edge: *FSP:G-IM289XXPRSER*
PRIMEFLEX for vSAN Node Pack: *FSP:G-IM274XXPRSER*	ImplementationPack Time (1 Working Day) *FSP:G-IM254XXPRDDS*
PRIMEFLEX for vSAN ClusXT Base: *FSP:G-IM275XXPRSER*	

Service in detail

Our Service Offering

The ImplementationPack PRIMEFLEX for vSAN Start Base and the ImplementationPack PRIMEFLEX for vSAN ClusXT Base deliver the following services:

- Hardware installation of the components into the customer's location.
- All in-rack power and network cabling.
- Configuration of all devices against a pre-validated design.
- Individual node configuration for quantity of nodes selected in ImplementationPack PRIMEFLEX for vSAN Node Pack
- Installation of vCenter Server Appliance.
- Configuration of vSAN Cluster.
- Full acceptance testing which includes:
  - ➢ Access testing
  - ➢ Resiliency testing
- Formal handover with documentation of all relevant software version details and settings along with default passwords configured.
- Completion of Ready-4-Service Documentation.
- Online activation of Fujitsu SolutionPacks.

Because it is a switchless solution, the ImplementationPack PRIMEFLEX vSAN Start Edge covers all activities described in the Start Base offering with the exception of switch set up tasks. Start Edge solutions require a mandatory two Node Packs and cannot be extended.

The ImplementationPack PRIMEFLEX for vSAN Node Pack delivers the following services:

- Hardware installation of the components into the customer's location.
- All in-rack power and network cabling.
- Configuration of all devices against the previously defined design.
- Installation of all Host ESXi software.
- Integration into the existing cluster.
- Full acceptance testing of the new host.
- Formal handover with updates to the Fujitsu Handover documentation.
- Completion of Ready-4-Service Documentation
- Online activation of Fujitsu SolutionPacks

Pre-requisites

- A site survey has been completed and the customer has followed the site preparation guide for the solution ensuring enough rack space for the solution components.
- The required infrastructure (connections for the power supply, LAN 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.
- Basic configuration parameters, such as IP addresses and host names are defined. The customer provides the appropriate license keys and customer firewalls, routing rules have been implemented.
- The Ready-4-Service (R4S) workflow and related documentation ensure smooth hand over from the deployment to operation and, in addition, configuration changes and updates during the service period. When the contract starts, service readiness of the Fujitsu Integrated System is verified by Fujitsu. Therefore, the customer is required to support Fujitsu as necessary, in particular in recording required system configuration and third party contract data at initial implementation.
- Delivery of implementation activities and ongoing support assumes that immediate remote access is available for Fujitsu. If the customer is unable to provide remote access the services described can only be provided in a restricted manner and the contractual service levels cannot always be met.
- The Base ImplementationPack must be purchased within 90 days of the PRIMEFLEX for VMware vSAN.

Service Delivery

The packages are delivered in local business hours (M-F 9x5). The service can be delivered outside of these times but will be subject to additional charges that can be quoted on request. PRIMEFLEX provides both installation and implementation services in one package. Completion of on-site installation tasks includes confirmation of remote access to enable implementation activities to be completed by central consultants.

Product Deployment Portal (PDP)

For maximum efficiency, it is strongly recommnended that PRIMEFLEX ImplementationPacks are implemented with the aid of Fujitsu's Product Deployment Portal. The PDP provides automatic scripting and documentation creation tailored to each customer solution and is used in all stages of the customer engagement, from initial pre-sales, consultation and design, to project management, Installation, Implementation and post-sales enablement.

AIS Connectivity

For customers requiring an enhanced SLA based support service, Fujitsu recommends the use of the AIS remote connection/autocall service. The ImplementationPack for each node includes the configuration of AIS into an existing infrastructure. If no AIS infrastructure exists, we offer an AIS Gateway service.

Travel Expenses

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

Out of Scope

Any data migration services, VM migration services, or building of VM guests (excluding any management VMs which is part of the standard delivery in the basic service).

Service Applicability

The ImplementationPack PRIMEFLEX for vSAN Start Base is only applicable to a new PRIMEFLEX for vSAN cluster and cannot be applied to grow an existing PRIMEFLEX for vSAN cluster (use the vSAN Cluster Extension to grow an existing cluster).

The ImplementationPack PRIMEFLEX for VMware vSAN Cluster Base is only applicable to growing an existing PRIMEFLEX for VMware vSAN cluster.

The ImplementationPack PRIMEFLEX for vSAN StartEdge is only applicable to a new PRIMEFLEX for vSAN cluster switchless cluster.

Example Scenario:
A customer purchasing a 10 node cluster as an initial PRIMEFLEX for vSAN solution requires:
1 x ImplementationPack PRIMEFLEX for vSAN Start Base
10 x ImplementationPack PRIMEFLEX for vSAN Node Pack

A customer purchasing 4 node clusters across two sites as an initial PRIMEFLEX for vSAN solution requires:
2 x ImplementationPack PRIMEFLEX for vSAN Start Base
8 x ImplementationPack PRIMEFLEX for vSAN Node Pack

A customer adding three nodes to an existing PRIMEFLEX for vSAN solution requires:
1 x ImplementationPack PRIMEFLEX for vSAN ClusXT Base
3 x ImplementationPack PRIMEFLEX for vSAN Node Pack

NB: There is a maximum node count of 64 nodes for each PRIMEFLEX for VMware vSAN configuration.

Deployment of a switchless PRIMEFLEX for vSAN Start Edge solution requires:

1 x ImplementationPack PRIMEFLEX for vSAN Start Edge
2 x ImplementationPack PRIMEFLEX for vSAN Node Pack

Besides this offering, Fujitsu can provide assistance and support with any other installation, implementation or integration on a separate contract. Please contact your local sales representatives for further details.

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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