

Datasheet

PRIMEFLEX for VMware vSAN - Extension for SAP HANA®

ImplementationPack

Introduction

Fujitsu offers SAP HANA on PRIMEFLEX for VMware vSAN based on the SAP HANA hyperconverged infrastructure [HCI] certification. PRIMEFLEX for VMware vSAN simplifies the deployment of a VMware based HCI to run SAP landscapes of any kind including SAP HANA® databases virtualized in one common platform. The ImplementationPack delivers a best practice hyperconverged infrastructure that is fully pre-tested and pre-configured to support 1 to 4 SAP HANA instances per vSAN node from 3 up to 64 vSAN nodes in one cluster. An additional Cluster Extension Pack can be purchased to extend an already installed cluster with further nodes. It can be extended in steps of one or more nodes up to the maximum total of 64 nodes.

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

Benefits

SAP HANA on PRIMEFLEX for VMware vSAN architecture allows you to start small and then grow the physical environment to meet your actual needs. Simplified daily operation of SAP landscapes including SAP HANA and flexibility to be adapted for future demands.

SAP HANA on PRIMEFLEX for VMware vSAN - ImplementationPack

- 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 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.

Order codes

PRIMEFLEX for vSAN Extension for SAP HANA Start Base:
FSP:G-IM28200PRSER

PRIMEFLEX for vSAN Extension for SAP HANA ClusXT Base:
FSP:G-IM28400PRSER

PRIMEFLEX for vSAN Extension for SAP HANA Node Pack:
FSP:G-IM28300PRSER

ImplementationPack (SAP) Time (1 Working Day)
FSP:G-IM25300PRDDS

Service in detail

Our Service Offering

The ImplementationPack PRIMEFLEX for vSAN – Extension for SAP HANA Start Base and ClusXT Base delivers the following services:

- Customer Interview to capture the customer's requirements and network infrastructure.
- Production of a Low Level Design that satisfies the Customer's existing network design.
- Product acceptance testing.
 - Acceptance testing
 - Resiliency testing
- Formal Handover documentation with all relevant SW version details and settings along with default passwords employed.
- Completion of Ready-4-Service Documentation
- Online activation of Fujitsu SolutionPacks

The ImplementationPack PRIMEFLEX for vSAN Node Pack – Extension for SAP HANA delivers the following services:

- Installation of the Certified components into the customer's Data Center.
 - PRIMERGY compute nodes
 - Approved Network switches
- All in-rack power and network cabling.
- Setup of remote access for remote deployment and ongoing support.
- OS Guest Template Installation and definition of the VM-nodes
- Configuration of all devices against the Low Level Design.
- Installation of Host ESXi software.
- Installation of all solution appliances including vCenter.
- SAP-HANA Installation and customizing of the VM-nodes.
- Configuration of components vs. prevalidated SAP-HANA VMware vSAN design.
- SAP HANA specific parameter settings.
- Joining of the guest to an existing active directory domain.

Pre-requisites

- 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.
- 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 – Extension for SAP HANA.

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.

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 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.

Out of Scope

Check of prerequisites services, SAP-Application Installation services, System/Application Backup services, Management Services, Integration services, Data migration services, SAP-HANA migration services, System Health Check or building of any SAP-HANA High Availability and Disaster&Recovery services (excluding any SAP-HANA Databases that is part of the standard delivery in the basic service).

Service Applicability

The ImplementationPack Start Base is only applicable to a new SAP HANA on PRIMEFLEX for VMware vSAN cluster with a minimum of 3 Nodes. It cannot be applied to grow an existing SAP HANA on PRIMEFLEX for VMware vSAN cluster.

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

Example Scenarios

A customer purchasing a 6 node cluster as an initial starting SAP HANA on PRIMEFLEX for VMware vSAN requires:

1 x ImplementationPack PRIMEFLEX for VMware vSAN - Extension for SAP HANA Start Base
6 x Implementation PRIMEFLEX for VMware vSAN - Extension for SAP HANA Node Packs

A customer purchasing 2 nodes enlargement for existing SAP HANA on PRIMEFLEX for VMware vSAN requires:

1 x ImplementationPack PRIMEFLEX for VMware vSAN - Extension for SAP HANA ClusXT Base
2 x Implementation PRIMEFLEX for VMware vSAN - Extension for SAP HANA Node Packs

NB: There is a maximum node count of 64 vSAN nodes per cluster in this service.

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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