

# Datasheet

# PRIMEFLEX for Nutanix Enterprise Cloud Extension for SAP HANA®

## ImplementationPack

### Introduction

The SAP HANA HCI (hyperconverged infrastructures) certification of PRIMEFLEX for Nutanix Enterprise Cloud allows you to use the advantages of HCI for SAP HANA. Now, it is possible to run SAP landscapes of any kind, from SAP Business Suite up to newest SAP S/4HANA or BW/4HANA including SAP HANA® data bases virtualized on one common platform with uniform operation for all deployments.

The Implementation Packs deliver a best practice hyperconverged infrastructure that is fully pre-tested and preconfigured to support one or up to three (depending on the hardware) SAP HANA instance(s) per Nutanix node.

Further node Implementation can be purchased to fulfill the requirements of any size implementation with up to 64 nodes in one cluster.

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 Nutanix Enterprise Cloud 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.

The Implementation Packs include the necessary configuration of hardware to provide virtualization within a Nutanix cluster, ready to run SAP HANA databases.

### SAP HANA on PRIMEFLEX for Nutanix Enterprise Cloud

- 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 Nutanix Extension for SAP HANA Start Base:

**FSP:G-IM27900PRSER**

PRIMEFLEX for Nutanix Extension for SAP HANA ClusXT Base:

**FSP:G-IM28100PRSER**

PRIMEFLEX for Nutanix Extension for SAP HANA Node Pack:

**FSP:G-IM28000PRSER**

ImplementationPack (SAP) Time (1 Working Day)

**FSP:G-IM25300PRDDS**

# Service in detail

## Our Service Offering

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

- Customer Interview to capture the customer's requirements and network infrastructure.
- 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 Nutanix Node Pack – Extension for SAP HANA delivers the following services:

- Installation of the Certified components into the customer's Data Center.
  - PRIMERGY XF compute nodes
- All in-rack power and network cabling.
- Setup of remote access for remote deployment and ongoing support.
- Setup BIOS settings according to the current guidelines.
- Deployment of the Nutanix cluster and installation of AHV (Acropolis Hypervisor) on all nodes.
- Installation of Guest OS (SUSE Linux or Red Hat)
- SAP-HANA Installation according to the up to date guidelines.

## Pre-requisites

- 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
- 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 Nutanix – 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 ImplementationPack 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, or building of any SAP-HANA High Availability and Disaster&Recovery services (excluding any SAP-HANA Databases which 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 Nutanix cluster with a minimum of 3 Nodes. It cannot be applied to grow an existing SAP HANA on PRIMEFLEX for Nutanix cluster.

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

## Example Scenarios

A customer purchasing a 6 node cluster as an initial starting SAP HANA on PRIMEFLEX for Nutanix requires:  
1 x ImplementationPack PRIMEFLEX for Nutanix - Extension for SAP HANA Start Base  
6 x Implementation PRIMEFLEX for Nutanix - Extension for SAP HANA Node Packs

A customer purchasing 2 nodes enlargement for existing SAP HANA on PRIMEFLEX for Nutanix requires:  
1 x ImplementationPack PRIMEFLEX for Nutanix - Extension for SAP HANA ClusXT Base  
2 x Implementation PRIMEFLEX for Nutanix - Extension for SAP HANA Node Packs

## 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](http://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](http://www.fujitsu.com)

## Fujitsu green policy

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

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

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