

Datasheet

Fujitsu OpenStack® Services for Private Cloud Implementation

IT Infrastructure Services for optimal implementation of an OpenStack® based Private Cloud.



Introduction

Professional Services from Fujitsu offer efficient consulting, design, implementation and services, based on extensive experience and structured processes resulting from many delivered complex IT infrastructure projects. For deployment of OpenStack based Private Clouds, Fujitsu consultants deliver a robust, high quality installation and seamless implementation, accelerating time-to-productivity and further providing the foundation for enhanced operational stability and performance based on the OpenStack distribution of SUSE® named SUSE® Cloud. This enables IT staff to focus on what is most important to their business, and realize a rapid return on investment for their new solution.

Customer requirements

A professional and reliable partner capable of deploying an OpenStack based private cloud infrastructure that provides the business:

- Increased agility to meet business needs
- Fast innovation
- Efficient scaling of infrastructure
- Proven Data Center Security
- Cost effective
- Maintenance and support

Fujitsu's solution

This service enables a professional installation and implementation of an OpenStack Private Cloud, based on a technical reference architecture, including:

- Consulting from strategy development to transformation
- Capture and analysis of customer requirements
- Delivery of the required infrastructure components and applications
- Integration services
- Quick and easy implementation
- Service Automation
- Implementation documentation
- Handover Workshop with Acceptance Tests

Customer benefits

Fujitsu Professional & Integration Service provides an efficient and reliable introduction of an OpenStack based private cloud solution into the existing infrastructure landscape and:

- Fast implementation of a complete, optimized and supported OpenStack Private Cloud solution (SUSE Cloud)
- Utilizing proven, structured methods by expert Fujitsu consultants to ensure efficient Private Cloud Integration
- Based on Fujitsu PRIMERGY® Servers and Fujitsu ETERNUS® storage

- Seamlessly combine on premise IT services with the new IT Cloud Services
- Simplified transformation of customer business and IT into the Cloud
- Economically attractive solution in terms of capital and operational expenses
- Offer all IT Services via a unified service interface
- Faster and flexible IT services delivery
- Enable Cloud Service Governance

SUSE Cloud speeds services delivery to help your business achieve its goals faster

SUSE Cloud builds on the open source development and broad ecosystem of the OpenStack project to expand the cloud platform's enterprise capabilities while enabling customers to maintain investments they have previously made in traditional data center environments. Based on the latest OpenStack release, the advanced cloud technology and broad solution choice in SUSE Cloud helps ensure a smooth deployment into enterprise data centers by offering:

- Full support for mixed hypervisor private clouds based on KVM, Xen, Microsoft Hyper-V, and VMware vSphere
- The easiest installation and ongoing management of an OpenStack-based private cloud
- High availability to ensure the continuous operation of the private cloud environment
- Integration into the proven SUSE maintenance and lifecycle management processes and backed by the excellence of SUSE engineering
- A broad ecosystem of partner solutions to configure private clouds based on unique IT infrastructure requirements

Service Details

Service description

The Fujitsu OpenStack Services for Private Cloud Implementation consist of the following elements:

- Solution Design Workshop (Requirements based)
- Solution Implementation
- Handover of documentation and training

Service specifications

Solution Design Workshop (Requirements based)

A Fujitsu OpenStack Private Cloud consultant presents the project scope to the customer. After the scope has been confirmed by the customer, the Fujitsu consultant performs the set of activities required for the optimum design of the customer solution. The Fujitsu consultant will adjust the project scope according to the customer solution design and review the implementation plan with the customer. Upon approval of the scope, results will be agreed between the customer and Fujitsu through a signed Statement of Work (SOW).

Activities covered:

- Review customer environment and infrastructure
- Define solution requirements
- Identify gaps and target areas for improvement
- Define target performance metrics (KPIs)
- Detailed Solution Design Documents
- Implementation Plan (Network and Operational)
- Issue Statement of Work

Solution Implementation

A team of Fujitsu OpenStack Private Cloud professionals will be deployed for a standard installation at the customer premises, where they will proceed to implement and test the customer solution.

Activities covered:

- Installation and functional verification of the Hardware
- Installation and configuration of all necessary Cloud components:
 - Operating System
 - Cloud Management Software with all components
 - Hypervisors example installations
 - Catalog Manager Integration (optional)
 - Design specific Configurations
- Solution Testing

Handover of documentation and training

After a successful implementation, the solution and all documentation is handed over to the customer. The customer will be trained in the essential administrative and operational tasks of their new Private Cloud solution, and a Fujitsu professional support team is assigned to support the early life of the solution.

Service terms and conditions

To ensure the Fujitsu OpenStack Services for Private Cloud Implementation achieve the planned time, costs and quality objectives the following is to be ensured by the customer:

- Access to the customer site and all required systems
- All information necessary to perform this service is available during the implementation
- Availability of customer personnel with necessary authority and skills
- Availability and accessibility of all servers, storage systems and network components in the solution design
- Necessary software as well as the appropriate licensing rights and license keys are available
- Administration rights and created administration accounts
- Network access
- Prepared network settings according to the pre-installation checklist

The exact scope of the service is defined and negotiated in a statement of work. The service is performed on-site at the designated customer location.

Unless expressly agreed otherwise the Fujitsu IT Services as set out in this datasheet will be performed based on the Fujitsu ***“General Terms on Consulting and Technical Assistance”*** or alternatively - where the main emphasis of the services is on the performance of works - based on the Fujitsu ***“General Terms for IT Integration Services, IMAC/D Services and other works and services subject to acceptance”***.

Ordering and delivery

The Fujitsu OpenStack Services for Private Cloud Implementation are available from your local Fujitsu Technology Solutions sales office. When ordering please quote:

Title	Fujitsu OpenStack® Private Cloud Implementation Service
Order code	CPS:IT-INT-00009

More information

Fujitsu platform solutions

In addition to Fujitsu OpenStack Services for Private Cloud Implementation, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as a Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products

www.fujitsu.com/fts/products

- PRIMERGY: Industry Standard Server
- SPARC Enterprise: UNIX-Server
- BS2000/OSD Mainframes
- PRIMEQUEST: Mission Critical IA Server
- ETERNUS: Storage Solutions
- ESPRIMO, LIFEBOOK: Workplaces

Software

www.fujitsu.com/fts/products/software

- Operating Systems
- Middleware
- Applications
- Partner Software

Services

www.fujitsu.com/fts/services

- Managed Services
- Infrastructure as a Service
- Consulting & Integration Services
- Maintenance & Support Services

More information

Learn more about the Fujitsu OpenStack Private Cloud Implementation Service and other services, please contact your Fujitsu sales representative, Fujitsu business partner, e-mail us at expert@ts.fujitsu.com, or visit our website at www.fujitsu.com/fts/consultingservices

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at: www.fujitsu.com/global/about/environment



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Contact

FUJITSU Technology Solutions GmbH
Mies-van-der-Rohe-Straße 8, 80807 Munich, Germany
Telephone: +49(0) 1805 372 900*
Email: expert@ts.fujitsu.com
Web: www.fujitsu.com/fts/
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