

Data Sheet

Fujitsu Cloud Starter Kit

Welcome to the Cloud

FUJITSU Cloud Starter Kit is an all-in-one start up solution for easy-to-manage and reliable cloud infrastructure with minimum deployment effort. This pre-tested solution provides configuration templates for server, storage, network, virtualization and cloud resource management software. This will allow the customer to remove the need for complex design requirements, reduce deployment time and enable a smooth transition from their traditional systems.

In order to achieve administration efficiency, the Cloud Starter Kit offers centralized console management, simple operational workflows and flexible configuration options. With standard high availability and automatic failure prevention functions the Kit will ensure reliable operations and cost-effective data security for your business. For small and medium-sized companies looking for an easy to establish cloud environment, the FUJITSU Cloud Starter Kit is a great choice.



Main Features	Benefits
EASY to Manage	
<ul style="list-style-type: none"> Flexible server configurations that deliver users what they want Centralized single management portal to control the whole system Intuitive and comprehensive GUI 	<ul style="list-style-type: none"> Simplify process to select, customize and request IT resources and streamline access to server resources for IT users Improve operational efficiency through integrated cloud service management Reduce complexity of service delivery for fast and flexible provisioning
EASY to Setup	
<ul style="list-style-type: none"> Pre-tested system configuration template Extensive installation and deployment know-how Ready to implement package 	<ul style="list-style-type: none"> Mitigate implementation risk and accelerate setup of private cloud infrastructure through the use of a template Reduce complexity of transitioning from traditional IT infrastructure to private cloud infrastructure Optimize system investment and installation costs by utilizing the all-in-one solution approach
EASY to Operate	
<ul style="list-style-type: none"> Standard high availability and automatic failure prevention function Simplified data backup functionality Pre-defined operating procedure know-how 	<ul style="list-style-type: none"> Enable a high level of reliability and availability even in case of hardware failure Improves data security and cost effectiveness Proven end-to-end solution including hardware, software and holistic resource management

PRIMERGY ETERNUS  **ServerView** 

Topics

EASY to Manage

FUJITSU Cloud Starter Kit enables an administrator to provide flexible server configurations that deliver users what they want through virtualization and cloud functions. It allows for a simplified process to select, customize and request IT resources and streamlines IT user access. This enables administrators to offer systems that suit the user's business needs, on a just-in-time basis. Overall, because the starter kit drives efficiency through utilizing fewer resources more effectively, it leads to a reduction in TCO for the customer.

With FUJITSU Software ServerView® Resource Orchestrator, an administrator can control the whole system, including server, storage and network, via a centralized single management portal. This centrally controlled management portal facilitates significant improvements in usability and efficiency of daily IT operations.

The intuitive and comprehensive GUI allows administrative tasks to be completed by staff with minimal training, enabling operational costs to be optimized. Operational quality can also be improved when an emergency breakdown occurs, the location is displayed graphically (including the extent of the impact), allowing action to be taken quickly.

EASY to Setup

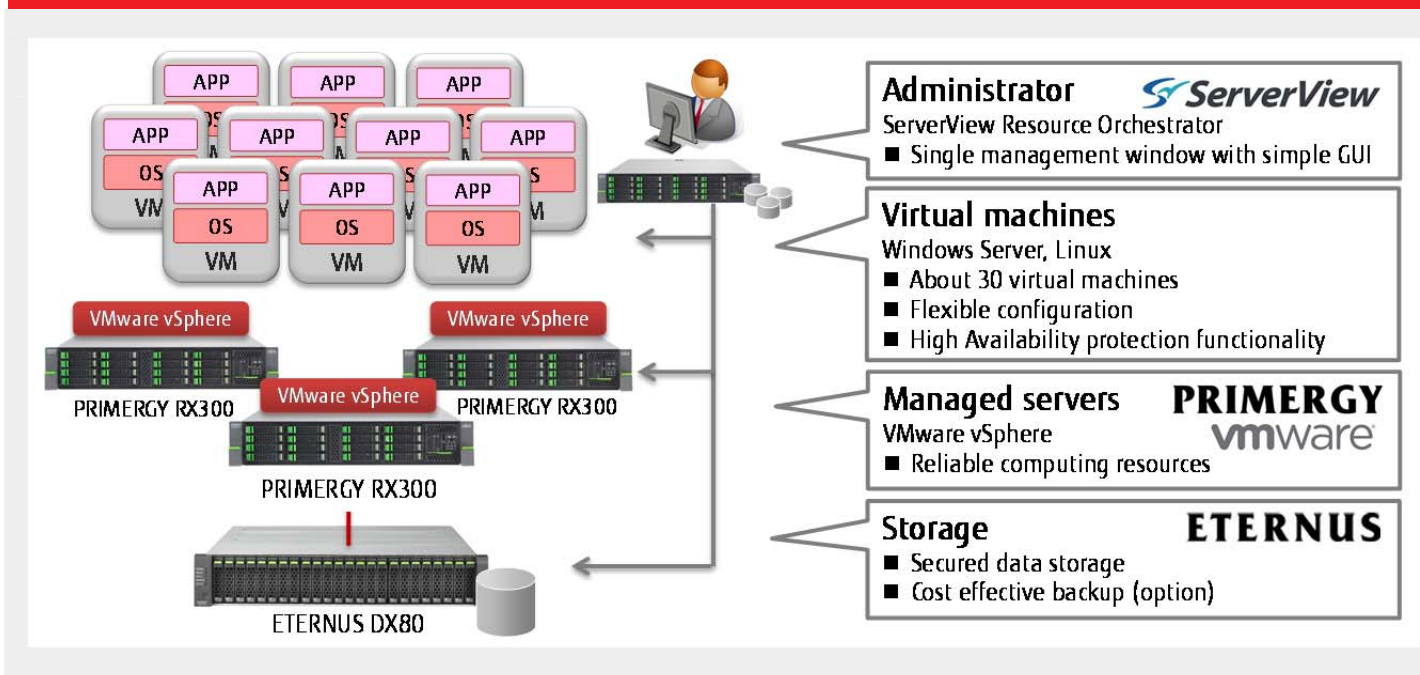
The Starter Kit offers a template that has been built using extensive Fujitsu know-how, experience and best

practices. Its basic design, construction and settings are extensively tried and tested, and allow customers to easily expand the system. The solution mitigates implementation risk and accelerates setup of virtualization infrastructure through use of the template. In addition, the Starter Kit offers comprehensive installation and deployment know-how. This reduces transition complexity from traditional IT infrastructure to private cloud infrastructure. The all-in-one solution approach can optimize system investment and installation costs, meaning customers can enjoy the associated advantages at an early stage.

EASY to Operate

The Starter Kit has high availability and an automatic failure prevention function. When a sign of failure is detected, these functions automatically migrate the virtual machine from the failing host server to an alternative stable host. In this way, ServerView Resource Orchestrator in cooperation with VMware® vSphere® ensures a highly reliable operation. Additionally, as an option, important data on ETERNUS® storage is backed up to an internal disk based on the optional backup software. This functionality significantly improves data security with minimal additional cost. The Starter Kit provides pre-defined operating procedure know-how. This established end-to-end solution includes hardware, software and holistic resource management, delivering a proven foundation for our customers.

Fujitsu Cloud Starter Kit at a glance



Technical Details

Components	Half Size	Standard Size
Admin Server	1 x Fujitsu Server PRIMERGY® RX300	
Processor	1 x Intel® Xeon® (4 cores)	
Memory	32 GB	
Storage	600 GB (2 x 300 GB)	
Managed Servers	3 x Fujitsu Server PRIMERGY RX300 with half configuration	3 x Fujitsu Server PRIMERGY RX300 with full configuration
Processor	1 x Intel® Xeon® (6 cores)	2 x Intel® Xeon® (6 cores)
Memory	48 GB	96 GB
Storage	600 GB (2 x 300 GB)	
Storage (for VM resource)	1 x Fujitsu Storage ETERNUS DX80	
Disk	2.1 TB (6 x 600 GB, RAID5)	4.2 TB (12 x 600 GB, RAID5)
Interface	iSCSI	
Network	4 x L2 Switch	
Hypervisor	VMware vSphere Standard/Enterprise	
Management Software		
Cloud	Fujitsu Software ServerView Resource Orchestrator Cloud Edition	
Virtualization	VMware vCenter Server	
Server	Fujitsu Software ServerView Operations Manager	
Backup Software (option)	Fujitsu Software ETERNUS SF AdvancedCopy Manager	
Virtual Machine	Half Size	Standard Size
Available Virtual Machines	15	30
Spec of one virtual machine (sample)*	CPU: 1, Memory: 4 GB, Disk: 100 GB, OS: Microsoft Windows Server 2008R2	
*The spec. of each virtual machine (CPU, Memory, and Disk) can be freely customized.		
Functions		
FUJITSU Software ServerView Resource Orchestrator Cloud Edition	Centralized management (server, storage, virtualization) Management Portal, Self Service Portal, Automatic failure prevention	
VMware vSphere Standard/Enterprise (option)	Thin Provisioning, High Availability, vMotion®, Hot Add (CPU, memory, etc.), Fault Tolerance, Storage vMotion, Distributed Resource Scheduler, Distributed Power Management	
Implementation, Distribution	Half Size	Standard Size
User Interface	English	English
Installation & Setup	By engineers from Fujitsu Group or partner company in accordance with the installation guide and the related characteristic documents	
Ordering & Delivery	This Cloud Starter Kit may be obtained from the local Fujitsu sales representative or solution partners.	
Conditions	The software products are supplied under conditions described in the Fujitsu current license agreement.	

About Fujitsu America

Fujitsu America, Inc., is a leading ICT solutions provider for organizations in the U.S., Canada and the Caribbean. Fujitsu enables clients to meet their business objectives through integrated offerings and solutions, including consulting, systems integration, managed services, outsourcing and cloud services for infrastructure, platforms and applications; data center and field services; and server, storage, software and mobile/tablet technologies. For more information, please visit: <http://solutions.us.fujitsu.com/> and <http://twitter.com/fujitsuamerica>.

Fujitsu platform solutions

In addition to Fujitsu Advanced Virtualization Solution, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

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/global/services/computing/

- PRIMERGY: Industrial standard server
- SPARC ENTERPRISE®: UNIX® server
- PRIMEQUEST®: Mission-critical IA server
- ETERNUS: Storage system

Software

www.fujitsu.com/software/

- ServerView Resource Orchestrator: Resource management software
- Interstage®: Application infrastructure software
- Systemwalker: System management Software

More Information

Learn more about Fujitsu Advanced Virtualization Solution, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website. www.fujitsu.com

Disclaimer

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

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/



Copyright

Fujitsu, the Fujitsu logo, ETERNUS, the ETERNUS logo, vShape, Systemwalker, Interstage and PRIMEQUEST are trademarks or registered trademarks of Fujitsu Limited in the United States and other countries. PRIMERGY, the PRIMERGY logo, ServerView and the ServerView logo are trademarks of or registered trademarks of Fujitsu Technology Solutions in the United States and other countries. Intel and Xeon are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. VMware, the VMware logo, VMotion, and vSphere are trademarks or registered trademarks of VMware, Inc. SPARC ENTERPRISE is a trademark or registered trademark of SPARC International, Inc. in the United States and other countries. UNIX is a registered trademark of The Open Group in the United States and other countries. Microsoft and Windows Server are trademarks or registered trademarks of Microsoft Corporation in the United States and other countries. All other trademarks referenced herein are the property of their respective owners.

Copyright ©2013 Fujitsu America, Inc.
All rights reserved.
FPC65-7006-01 01/14.
13.1465

Contact

FUJITSU AMERICA, INC.

Address: 1250 East Arques Avenue Sunnyvale, CA 94085-3470, U.S.A.

Telephone: 800 831 3183 or 408 746 6000

Website: <http://solutions.us.fujitsu.com>

Contact Form: <http://solutions.us.fujitsu.com/contact>

Have a question? Email us at: AskFujitsu@us.fujitsu.com