

# Datasheet

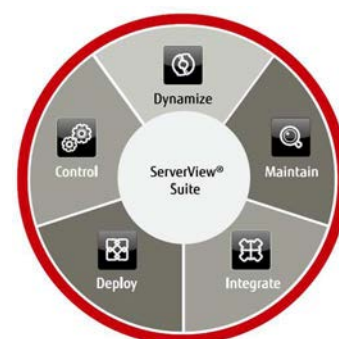
## FUJITSU Software

### ServerView Resource Orchestrator V3.4

### Cloud Edition

Efficient management of private cloud infrastructures

For efficient control of consolidated server environments, introduction of more dynamic IT environments, or a move to a private cloud infrastructure; ServerView Resource Orchestrator Cloud Edition lets you manage your journey with its practical and business oriented approach. ServerView Resource Orchestrator Cloud Edition delivers dynamic resource management and cloud infrastructure management that accelerates new project introduction with simple and speedy IT provisioning. Physical and virtual, servers, storage and networks, are provisioned in minutes, at a fraction of the cost of traditional provisioning methods. As a result, ServerView Resource Orchestrator Cloud Edition improves time to market of IT services and best guarantees the availability and reliability of servers and entire infrastructures, to protect your ongoing IT service continuity.



Main features	Benefits
<b>Dynamic Resource Management</b> <ul style="list-style-type: none"> <li>■ Creation and management of resource pools</li> <li>■ Automated provisioning across servers, storage and networks covering both physical and virtual environments</li> <li>■ Logical server/platform concept</li> <li>■ Multi-tier platform provisioning</li> <li>■ Multi-tenancy including role-based access control</li> <li>■ Firewall , Server Load Balancer (SLB) support</li> <li>■ Built-in high-availability options</li> <li>■ Disaster recovery</li> <li>■ Improves flexibility of resources usage and increases overall</li> </ul>	<ul style="list-style-type: none"> <li>resources utilization</li> <li>■ Enables fast and efficient delivery of servers improving productivity of IT infrastructure administration</li> <li>■ Hides the complexity of underlying real IT infrastructure allowing administrators to define resources on a logical basis</li> <li>■ Enables setup of a infrastructure consisting of physical and virtual servers, storage and network resources as one single entity</li> <li>■ Enables resource isolation for different user groups and separates application and IT infrastructure administration</li> <li>■ Provides network security and load balancing</li> <li>■ Enables easy and cost-efficient protection of IT infrastructures</li> <li>■ Protects against complete site failures</li> </ul>
<b>Cloud Infrastructure Management</b> <ul style="list-style-type: none"> <li>■ Self-service portal</li> <li>■ Service catalog</li> <li>■ Subscription workflow</li> <li>■ Service Monitoring</li> <li>■ Service Accounting</li> <li>■ Capacity Management</li> </ul>	<ul style="list-style-type: none"> <li>■ Makes it easy to select, customize and request IT resources, simplifying access to server resources for IT users</li> <li>■ Provides server and platform templates available to users for instant provisioning on demand</li> <li>■ Enables governance over resource provisioning processes by controlling and guiding service delivery</li> <li>■ Displays a consolidated view of resource pool utilization and system performance metrics</li> <li>■ Provides visibility into costs of resources and enables users to have cost transparency for self-service resource requests</li> <li>■ Optimizes and forecasts utilization of resources</li> </ul>

# Topics

## Dynamic Resource Management

Dynamic resource management delivers the foundation for efficient provisioning processes in data center backend operations, enabling implementation of dynamic IT environments that are agile enough to improve time-to-market for IT services.

**Resource orchestration** - automated provisioning from pools of resources

ServerView Resource Orchestrator Cloud Edition automatically provisions IT infrastructure from shared pools of resources covering servers, storage and networks. Automated provisioning tasks relieve infrastructure administrators from mundane manual tasks, enabling faster delivery of servers and more efficient life-cycle operations. The results are overall productivity improvements with a positive effect on data center operational costs. Unlike many private cloud management platforms ServerView Resource Orchestrator Cloud Edition is not limited to virtual environments. It simultaneously enables provisioning of physical systems providing broader choices, when users are looking for the best fit platform for their application needs. When managing individual resource pools, ServerView Resource Orchestrator Cloud Edition not only provides interfaces to Fujitsu's own management platforms, but also integrates with management products from major technology partners.

## Logical server and platform concept

With its logical platform (L-Platform) concept, ServerView Resource Orchestrator Cloud Edition introduces an abstraction layer that hides the complexity of the underlying IT infrastructure. Now end-users or tenant administrators can define their required systems, including all parameters for storage, network connectivity and security settings (firewall), at a logical level. A logical platform can include just a single server but also multiple servers with mixed types of physical or virtual operating systems; for example to setup a multi-tiered server architecture.

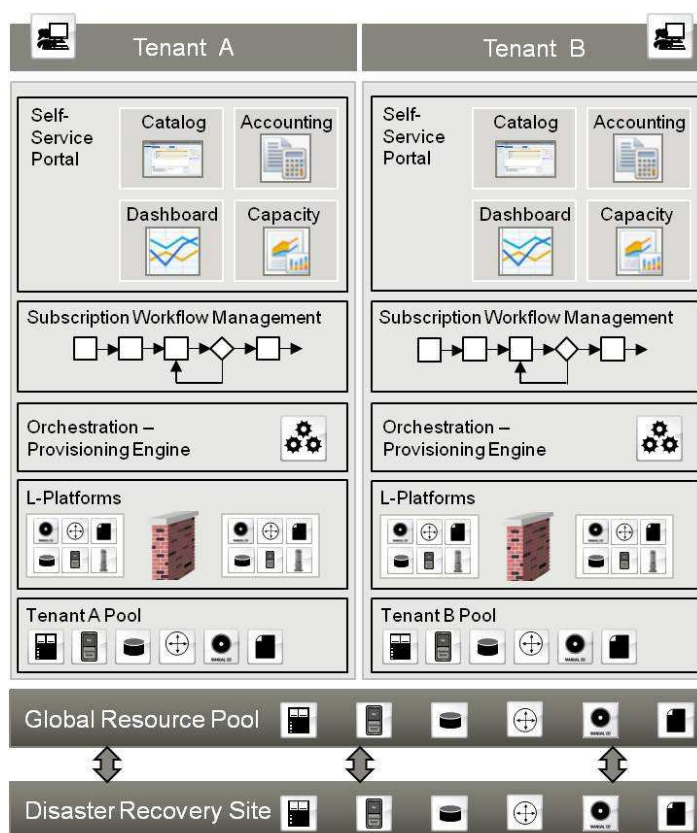
Tenant administrators simply specify the necessary resource requirements for their tenant users by using service templates. If necessary, they can customize them to their specific requirements. There is no longer a need to deal with the real infrastructure resources underneath.

## Operation security

To support operation security in enterprise data centers, ServerView Resource Orchestrator Cloud Edition enables administrative isolation of resource pools for different user groups (multi-tenancy). For setting up network security automatic provisioning of hardware and software firewalls is supported. In addition ServerView Resource Orchestrator Cloud Edition offers role-based management which allows separation of application and infrastructure administration domains. The benefit is each domain can now concentrate on its specific core competencies.

## High-availability

ServerView Resource Orchestrator Cloud Edition guarantees the availability of IT infrastructures by providing a number of high-availability options at various levels. From the protection of single physical and virtual servers, to recovery support for a complete blade chassis or storage system failure, to protection against complete site failures. Disaster Recovery (DR) is available as an additional licensed option.



## Cloud Infrastructure Management

### Service creation

In order to simplify end-user access to IT infrastructure resources, ServerView Resource Orchestrator Cloud Edition introduces cloud infrastructure management. This enables the creation of infrastructure services from pools of shared resources. These can then be published as service templates in a service catalog.

### Service requests

Users can select services, on demand, from the self-service portal, using the service catalog. According to individual needs the template based services can be customized within pre-defined limits. Following any necessary approval process, which is controlled by the integrated subscription workflow management system ServerView Resource Orchestrator Cloud Edition automatically provisions and releases the service for use. Once provisioned, users have control over their own resources. They can start, stop, backup or even issue requests to modify the existing configuration.

### Service monitoring

ServerView Resource Orchestrator Cloud Edition provides a range of service monitoring options (i.e. dashboard) allowing end users and IT administrators to get a consolidated view on utilization of resource pools and performance metrics of resources currently in use.

### Service accounting

The accounting capability of ServerView Resource Orchestrator Cloud Edition enables IT organizations to link pricing information to resources showing users the costs of the requested IT infrastructure. This information can provide the foundation for companies wishing to implement charge back models. Having the cost transparency for self-service resource requests allows business units to better understand the cost of deploying and maintaining their business services.

### Capacity management

ServerView Resource Orchestrator Cloud Edition allows infrastructure administrators to get insight into the utilization of all resource pools including the option to set thresholds to get an early notification of pools running out of resources. For planning the future demand of resources, ServerView Resource Orchestrator Cloud Edition shows a demand forecast based on the past utilization of resource pools.

When running in a VMware environment, ServerView Resource Orchestrator Cloud Edition supports administrators to optimize resource allocation on VM hosts. ServerView Resource Orchestrator Cloud Edition shows the current load status of VM hosts to identify VM hosts running into performance problems. In order to better balance workloads or to temporarily adapt resources according to future peak demands, ServerView Resource Orchestrator Cloud Edition allows simulation and execution of VM guest reallocations.



# Technical details

## Admin Client

<b>Hardware</b>		FUJITSU PRIMERGY RX, BX and TX server or PC
<b>Operating Systems</b>	<b>Microsoft</b>	Microsoft Windows Server 2016 SE/DCE <sup>1</sup> Microsoft Windows Server 2012, 2012 R2 SE/DCE <sup>1</sup> Microsoft Windows 7 Professional, Ultimate, Enterprise Microsoft Windows 8.1 Pro, Enterprise Microsoft Windows 10 Pro, Enterprise
<b>Other software prerequisites</b>		Microsoft Internet Explorer 8, 9, 10, 11 Firefox ESR17, ESR24, ESR31, ESR 38, ESR 45, ESR 52, ESR 60 Java 2 runtime environment 1.5 or later Adobe Flash Player 10.3.183.5 or later

## Admin Server

<b>Hardware</b>		FUJITSU PRIMERGY RX, BX and TX server
	<b>Notes</b>	At least dual core CPU and 12 GB of memory; 7.6 GB free disk space or more
<b>Operating Systems</b>	<b>Microsoft</b>	Microsoft Windows Server 2016 SE/DCE <sup>1,6</sup> Microsoft Windows Server 2012, 2012 R2 SE/DCE <sup>1,6</sup> Microsoft Hyper-V on Windows Server 2016 SE/DCE <sup>6</sup> Microsoft Hyper-V on Windows Server 2012 R2 SE/DCE <sup>6</sup> Microsoft Hyper-V on Windows Server 2012 SE/DCE <sup>6</sup>
	<b>VMware</b>	VMware vSphere 5.0, 5.1, 5.5 ESXi <sup>6</sup> VMware vSphere 6.0, 6.5, 6.7 ESXi <sup>6</sup>
	<b>Notes</b>	When running the admin server on a hypervisor product, installation is only supported in a VM guest running one of the operating systems listed above. For admin server high-availability, only installation on a Hyper-V cluster or VMware <sup>7</sup> configuration is supported
<b>Other software prerequisites</b>		FUJITSU ServerView Operations Manager (Windows) V5.50 or later
<b>Software options</b>	<b>Server Management</b>	FUJITSU ServerView Virtual-IO Manager (VIOM) 3.0 or later (for VIOM based I/O virtualization) <sup>10</sup> FUJITSU Software Infrastructure Manager (ISM) 2.2 or later (for ISM based I/O virtualization) <sup>10</sup> ServerView Resource Orchestrator I/O Virtualization option when using VIOM, ISM
	<b>Hypervisor Management</b>	VMware vCenter Server 5.x, 6.0, 6.5, 6.7 VMware vCenter Server Appliance 6.0, 6.5, 6.7 Microsoft System Center Virtual Machine Manager 2008 R2, 2012, 2012 R2, 2016 Oracle VM Manager 2.2 <sup>7</sup> , 3.2.2, 3.2.3, 3.2.4, 3.2.6, 3.2.7, 3.2.8 BladeLogic Server Automation 8.3
	<b>Storage Management</b>	FUJITSU ETERNUS SF Storage Cruiser 14.2, 15.0, 15.1, 15.2, 16.0, 16.1, 16.2, 16.3, 16.4, 16.5, 16.6 <sup>10</sup> FUJITSU ETERNUS multipath driver V2.0L10 (for Windows), V2.0L02 (for RHEL) <sup>10</sup> NaviSphere Manager 6.29, NavisecCLI 7.30-7.33.8 <sup>10</sup> EMC Solution Enabler 7.1.2, 7.3, 7.4.0, 7.5.1, 7.6.1, 7.6.2, 8.0.1, 8.0.2 (for EMC Symmetrix, Fibre Channel connectivity on server is mandatory) <sup>10</sup> EMC PowerPath 5.3 <sup>10</sup> NetApp Data ONTAP DSM 3.2R1 <sup>10</sup>
	<b>Virtual Desktop Management</b>	VMware Horizon View 5.2, 5.3, 6.0, 6.1, 6.2 (support for VMware vSphere > 5.0)

## Managed Servers

Hardware	FUJITSU PRIMERGY BX	BX900: BX920 S1/S2/S3/S4 <sup>17</sup> , BX922 S2, BX924 S2/S3/S4 <sup>17</sup> , BX960 S1 BX2560 M1/M2, BX2580 M1/M2 BX600: BX620 S4/S5/S6 <sup>7</sup> BX400: BX920 S2/S3/S4 <sup>17</sup> , BX922 S2, BX924 S2/S3/S4 <sup>17</sup> BX2560 M1/M2, BX2580 M1/M2
	FUJITSU PRIMERGY RX	RX100 S5/S6/S7/S8 <sup>7</sup> , RX200 S4/S5/S6/S7/S8, RX300 S4/S5/S6/S7/S8, RX500 S7 RX600 S4/S5/S6, RX2520 M1/M4, RX2530 M1/M2/M4, RX2540 M1/M2/M4, RX4770 M1/M2/M3/M4
	FUJITSU PRIMERGY TX	TX150 S6/S7, TX200 S4/S5/S6, TX300 S4/S5/S6 <sup>7,9</sup>
	FUJITSU PRIMERGY CX	CX1000: CX122 S1 <sup>7,9</sup> CX400: CX210 S1, CX250 S1/S2, CX270 S1/S2 <sup>7,9</sup> CX2550 M1/M2/M4, CX2570 M1/M2/M4
	FUJITSU PRIMEQUEST	1400S/S2, 1400E/E2, 1400L/L2, 1800E/E2, 1800L/L2 <sup>9</sup> 2400S Lite/S2 Lite/S3 Lite, 2400S/S2/S3, 2400E/E2/E3, 2400L/L2/L3 2800E/E2/E3, 2800L/L2/L3
	FUJITSU SPARC Enterprise	M3000, M4000, M5000, M8000, M9000, M10-1, M10-4, M10-4S, M12-1, M12-2, M12-2S T4-1, T4-2, T4-4
Operating Systems	Microsoft	Microsoft Windows Server 2016 SE/DCE <sup>1,8</sup> Microsoft Windows Server 2012, 2012 R2 SE/DCE <sup>1,8</sup> Microsoft Hyper-V on Windows Server 2016 SE/DCE <sup>4,8</sup> Microsoft Hyper-V on Windows Server 2012, 2012 R2 SE/DCE <sup>4,8</sup>
	Red Hat	Red Hat Enterprise Linux 6.0, 6.1 incl. KVM (x86, x64) <sup>7</sup> Red Hat Enterprise Linux 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10 incl. KVM (x86, x64) <sup>8</sup> Red Hat Enterprise Linux 7.0 (x64) Red Hat Enterprise Linux 7.4, 7.5 (x64) <sup>19</sup>
	Novell SUSE	Novell SUSE Linux Enterprise Server 11 SP1/SP3/SP4 (x86, x64) <sup>8</sup> Novell SUSE Linux Enterprise Server 11 SP2 (x86, x64) <sup>7,8</sup>
	Oracle	Oracle Enterprise Linux 6.0 (x86, x64) <sup>7,8</sup> Oracle Enterprise Linux 6.7, 7.2 (x86, x64) <sup>8</sup> Oracle VM 2.2.1 <sup>7,8</sup> , 3.2.2, 3.2.3, 3.2.4, 3.2.6, 3.2.7, 3.2.8, 3.3.1, 3.3.3, 3.3.3, 3.3.4 (x86, x64) <sup>8</sup> Solaris 10 including zones for SPARC Enterprise Servers Solaris 11, 11.2, 11.3 including Oracle VM for SPARC Enterprise Servers
	VMware	VMware vSphere 5.0, 5.1, 5.5 ESXi <sup>3,4,5,8</sup> VMware vSphere 6.0, 6.5 ESXi <sup>3,4,5,8</sup> VMware vSphere 6.7 ESXi <sup>3,4,5,8,20</sup>
	Citrix	XenServer 6.0, 6.1, 6.2 <sup>3,4,8</sup>
Other software prerequisites		FUJITSU ServerView agent (Windows/Hyper-V) V4.50.05 or later FUJITSU ServerView agent (Linux) V4.90.14 or later FUJITSU ServerView agent (VMware) V4.30.20 or later Network Management: IntelPROset 15.5.56.0, 18.3.72.0 10 Linux bonding of Red Hat Enterprise Linux 5, 6 Novell SUSE Linux Enterprise Server 11 SP2 <sup>10</sup> Emulex OneCommand NIC Teaming and VLAN Manager V2.7 Windows Server 2012 NIC Teaming (LBFO)

## HBA Address Rename Server

<b>Hardware</b>		FUJITSU PRIMERGY RX, BX and TX server or PC
<b>Operating Systems</b>	<b>Microsoft</b>	Microsoft Windows Server 2016 SE/DCE <sup>1,6</sup> Microsoft Windows Server 2012, 2012 R2 SE/DCE <sup>1,6</sup> Microsoft Hyper-V on Windows Server 2016 SE/DCE <sup>6</sup> Microsoft Hyper-V on Windows Server 2012, 2012R2 <sup>6</sup> Microsoft Windows 7 Professional, Ultimate, Enterprise <sup>6</sup> Microsoft Windows 8.1 Pro, Enterprise <sup>6</sup>
	<b>Red Hat</b>	Red Hat Enterprise Linux 6.0, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10 (x86, x64) <sup>6</sup>
	<b>VMware</b>	VMware vSphere 5.0, 5.1, 5.5 ESXi <sup>6</sup> VMware vSphere 6.0, 6.5, 6.7 ESXi <sup>6</sup>

## Other Hardware Requirements – FC Connectivity

<b>FC Connectivity HBA</b>	<b>FUJITSU PRIMERGY BX600</b>	FC Module 2 port (4 Gbps): BX600-FC42E
	<b>FUJITSU PRIMERGY BX900</b>	FC Module 2 port (8 Gbps): Emulex MC-FC82E
	<b>FUJITSU PRIMERGY RX/TX</b>	FC Ctrl Emulex LPe1150/LPe1150L MMF LC LP (4Gbps) FC Ctrl Emulex LPe1250 MMF LC (8Gbps) FC Ctrl 2 port Emulex LPe12002 MMF LC (8Gbps)
	<b>FUJITSU SPARC ENTERPRISE</b>	LPe12000, LPe12002, QLE2560, QLE2562, SE0X7F11F, SE0X7F12F
	<b>Notes</b>	When using HBA Address Rename Service the I/O virtualization (FC) option is required for SAN boot.
<b>FC Connectivity Switch</b>	<b>FUJITSU PRIMERGY BX400</b>	FC Pass-Thru blade 8Gbps 18/18 FC Switch 8Gbps 18/8 (Brocade BR5450)
	<b>FUJITSU PRIMERGY BX600</b>	FC Pass-Thru blade 4Gbps 10/10 FC Switch 4Gbps 10/6 (Brocade SW-4016 D4)
	<b>FUJITSU PRIMERGY BX900</b>	FC Pass-Thru blade 8Gbps 18/18 FC Switch 8Gbps 18/8 (Brocade BR5450)
	<b>External FC switches</b>	External FC switches supported in FUJITSU ETERNUS environments: FUJITSU ETERNUS SN200 series and Brocade series
	<b>Notes</b>	When using FUJITSU ServerView Virtual-IO Manager software for I/O virtualization (BX only), the BX FC switch must be set to FC Access Gateway mode. The external SAN switch must support NPIV for ServerView Virtual-IO Manager operation (e.g. Brocade Silkstorm SW4101).

## Other Hardware Requirements – LAN Connectivity

<b>LAN Connectivity NIC</b>		Depends on each server's support
<b>LAN Connectivity Switches</b>	<b>FUJITSU PRIMERGY BX400/BX900</b>	Ethernet Switch/IBP 1Gbps 36/12 (SB11a) <sup>2</sup> Ethernet Switch/IBP 1Gbps 36/8+2 (SB11) <sup>2</sup> Ethernet Switch/IBP 1Gbps 18/6 (SB6) <sup>2</sup> Ethernet Switch/IBP 10Gbps 18/8 (SBAX2) <sup>2</sup> Ethernet Converged Fabric Switch 10 Gbps 18/8+2 (SBAX3) Ethernet DCB Switch 10Gbps 18/6/6 (VDX2730) Ethernet FEX 10Gbps 16/8 (B22F)



## Other Hardware Requirements – LAN Connectivity (Cont'd)

LAN Connectivity Switches	FUJITSU PRIMERGY BX600	Ethernet Switch 1Gbps 10/6 (SB9A) <sup>7</sup> Ethernet Switch 1Gbps 10/6+2 (SB9) <sup>7</sup> Ethernet Switch 1Gbps 30/12 (SB9F) <sup>7</sup> Ethernet Switch 1Gbps 10/6 (Cisco Catalyst Blade Switch 3040) <sup>7</sup>
LAN Connectivity External Switches (controlled by ServerView Resource Orchestrator)		FUJITSU Network System SR-X 300, SR-X 500 (firmware version: V01 or later) <sup>9</sup> FUJITSU Converged Fabric CFX2000 (TAX3) <sup>15</sup> Cisco Catalyst series: 2900, 2918, 2928, 2940, 2950, 2955, 2960, 2970, 2975 Cisco Catalyst series: 3500, 3550, 3560, 3750 (IOS 12.2(40) or later) Cisco Nexus series: 2000, 5000 (firmware version: NX-OS V5.2) Brocade VDX series: 6710, 6720, 6730 (firmware version: NOS 2.0 or later) ExtremeSwitching VDX series: 6740, 6740T, 6940 (firmware version: NOS 2.0 or later)
LAN Connectivity External Switches (not controlled by ServerView Resource Orchestrator)		Any
Firewalls (controlled by ServerView Resource Orchestrator)		FUJITSU Network System IPCOM EX IN and SC series (software version E20L10 or later) <sup>15</sup> FUJITSU Network System IPCOM VX series (software version E10L11 or later) <sup>15</sup> FUJITSU Network System IPCOM VA SC series (software version E20L21NF0301 or later) <sup>15</sup> Cisco ASA 5500 series (software version 8.3 or later) <sup>14</sup>
Firewalls (not controlled by ServerView Resource Orchestrator)		Any
Server Load Balancers (controlled by ServerView Resource Orchestrator)		FUJITSU Network System IPCOM EX IN and LB <sup>16</sup> series (software version E20L10 or later) <sup>15</sup> FUJITSU Network System IPCOM VX series (software version E10L11 or later) <sup>15</sup> FUJITSU Network System IPCOM VA LB series (software version E20L21NF0301 or later) <sup>15</sup> F5 BIG-IP LTM series (software version BIG-IP V11.2)
Server Load Balancers (not controlled by ServerView Resource Orchestrator)		Any

## Other Hardware Requirements – Storage

Supported FC systems		Fibre Channel and iSCSI <sup>11</sup> boot is supported.
	Fujitsu	ETERNUS DX60/DX60 S2, DX80/DX80 S2, DX90/DX90 S2, DX400/DX400 S2 ETERNUS DX8000/DX8000 S2 ETERNUS DX60/DX100/DX200/DX500/DX600/DX8700/DX8900 S3 ETERNUS DX200F ETERNUS 2000/4000(except model 80 and 100)/8000 series ETERNUS TR series ETERNUS VX700 series (iSCSI only) <sup>9</sup>
	NetApp	NetApp FAS6000/6200/3100/3200/2000/2200 series NetApp V6000/6200/3100/3200 series (NetApp models with Data ONTAP 7.3.3/8.0.1 7-mode)
	EMC	EMC CLARiiON CX4-120/240/480/960 EMC CLARiiON CX3-10/20/40/80 EMC VNX 5100/5300/5700/7500 EMC Symmetrix DMX-3/-4 EMC Symmetrix VMAX/VMAX 100K
	FalconStor	FalconStor NSS 7.0 <sup>7</sup>

## Distribution, Implementation, Documentation & Support

<b>User Interface</b>	English, Japanese
<b>User Skills</b>	Basic knowledge of administration of operating systems (Windows, Linux, Solaris) and hypervisors (VMware vSphere, Microsoft Hyper-V, Oracle VM, Citrix XenServer, RedHat KVM) is presumed. Installation, configuration and implementation require detailed knowledge of FUJITSU ServerView Resource Orchestrator and the supporting software components and must be done by Fujitsu professional service or certified consultants.
<b>Installation</b>	By consultants specially instructed by Fujitsu only.
<b>Documentation</b>	User manuals are contained in machine readable form in the media pack or can be downloaded from <a href="http://manuals.ts.fujitsu.com">http://manuals.ts.fujitsu.com</a>
<b>Media</b>	The media packs contain all software components and manuals in PDF format.
<b>Conditions</b>	This software product is supplied under conditions described in our current license agreement.
<b>Warranty</b>	Class: C
<b>Maintenance &amp; Support</b>	Closure of a software maintenance contract is mandatory. Standard Support Packs are available for 1 year or 3 years maintenance. For details about the service offering see: <a href="http://www.fujitsu.com/global/products/product-support-services/">http://www.fujitsu.com/global/products/product-support-services/</a>
<b>Ordering and delivery</b>	FUJITSU ServerView Resource Orchestrator Right-to-Use licenses and the DVD media pack are available from our local sales representative/regional office. The right-to-use and media kits of the operating environment of the manager nodes and the managed nodes as well as supporting software like FUJITSU ServerView Virtual-IO Manager, FUJITSU ETERNUS Storage Cruiser or hypervisor management software have to be obtained separately since they are not included in FUJITSU ServerView Resource Orchestrator package.

For additional technical details, dependencies and restrictions, please contact your sales representative.

- 1) Server Core installation option not supported
- 2) Operating the LAN switch in IBP mode is project-specific
- 3) Cloning of hypervisor hosts is not supported
- 4) For backup & restore, hypervisor snapshot technology is used
- 5) Sharing of spare servers with Windows Server or Hyper-V Server is not supported
- 6) English, Japanese and German are supported
- 7) Project-specific
- 8) English, German, Japanese and Chinese are supported
- 9) Only supported in virtualized environments
- 10) For higher versions, support status depends on compatibility to versions mentioned in this data sheet

- 11) iSCSI boot support only on FUJITSU PRIMERGY BX900/BX400 servers with FUJITSU ServerView Virtual-IO Manager software
- 12) Not supported with redundant admin server
- 13) N.A.
- 14) Cisco ASA5505 is not supported
- 15) Japan market only
- 16) ServerView Resource Orchestrator doesn't provide sample script for automatic configuration.
- 17) Universal multichannel is not supported
- 18) Monitoring only
- 19) SELinux must be disabled
- 20) Combination with VMware vSAN is not possible



# More information

## Fujitsu platform solutions

In addition to FUJITSU ServerView Resource Orchestrator Cloud Edition, 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/global/services/computing/](http://www.fujitsu.com/global/services/computing/)

- PRIMERGY: Industrial standard server
- PRIMEQUEST: Mission-critical IA server
- SPARC Enterprise: UNIX server
- ETERNUS: Storage systems

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

## More information

To learn more about FUJITSU ServerView Resource Orchestrator Cloud Edition, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website. [www.fujitsu.com/software](http://www.fujitsu.com/software)

## 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/](http://www.fujitsu.com/global/about/environment/)



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## Contact

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