

# **FUJITSU Software**

## **ServerView Resource Orchestrator V3.1.2**

A decorative horizontal band with a red-to-dark-red gradient, featuring abstract white and light red curved lines and lens flare effects.

# Documentation Road Map

Windows/Linux

J2X1-7768-02ENZ0(02)  
November 2015

# Preface

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## Purpose of This Document

This manual explains documentation road map for FUJITSU Software ServerView Resource Orchestrator (hereinafter Resource Orchestrator).

## Intended Readers

This manual is for people who are reading the Resource Orchestrator manuals for the first time, and those who want information about the document conventions.

## Structure of This Document

This manual is composed as follows:

### Chapter 1 Structure of the Manuals

Explains the structure of the manuals for Resource Orchestrator.

### Chapter 2 How to Use the Manuals

Explains how to use the manuals of Resource Orchestrator

## Web Site URLs

URLs provided as reference sources within the main text are correct as of November 2015.

Please understand that they are subject to change without notice.

## Document Conventions

The notation in this manual conforms to the following conventions.

- When there is different information for the different versions of Resource Orchestrator, it is indicated as follows:

[All Editions]	Sections relevant for all editions
[Cloud Edition]	Sections related to Cloud Edition
[Virtual Edition]	Sections related to Virtual Edition

- When using Resource Orchestrator and the functions necessary differ due to the necessary basic software (OS), it is indicated as follows:

[Windows Manager]	Sections related to Windows manager
[Linux Manager]	Sections related to Linux manager
[Windows]	Sections related to Windows
[Linux]	Sections related to Linux
[Solaris]	Sections related to Solaris
[VMware]	Sections related to VMware
[Horizon View]	Sections related to VMware Horizon View
[Hyper-V]	Sections related to Hyper-V
[Xen]	Sections related to RHEL5-Xen
[KVM]	Sections related to RHEL-KVM

[Solaris Zones]	Sections related to Solaris zones
[OVM for x86 2.2]	Sections related to Oracle VM Server for x86 2.2
[OVM for x86 3.2]	Sections related to Oracle VM Server for x86 3.2
[OVM for SPARC]	Sections related to Oracle VM Server for SPARC
[Citrix Xen]	Sections related to Citrix XenServer
[Physical Servers]	Sections related to physical servers

- Unless specified otherwise, the blade servers mentioned in this manual refer to PRIMERGY BX servers.
- Oracle Solaris may also be indicated as Solaris, Solaris Operating System, or Solaris OS.
- Oracle Solaris Zones may also be indicated as Solaris Containers or Solaris Container.
- Oracle VM Server for x86 may also be indicated as Oracle VM.
- In Resource Orchestrator, the following servers are referred to as SPARC Enterprise.
  - SPARC Enterprise M3000/M4000/M5000/M8000/M9000
  - SPARC Enterprise T5120/T5140/T5220/T5240/T5440
- In Resource Orchestrator, the following servers are referred to as SPARC M10.
  - SPARC M10-1/M10-4/M10-4S
- Fujitsu M10 is the product name used for SPARC M10 when they are sold outside Japan.
- References and character strings or values requiring emphasis are indicated using double quotes ( " ).
- Window names, dialog names, menu names, and tab names are shown enclosed by brackets ( [ ] ).
- Button names are shown enclosed by angle brackets (< >) or square brackets ( [ ] ).
- The order of selecting menus is indicated using [ ]-[ ] .
- Text to be entered by the user is indicated using bold text.
- Variables are indicated using italic text and underscores.
- The ellipses ("...") in menu names, indicating settings and operation window startup, are not shown.
- The ">" used in Windows is included in usage examples. When using Linux, read ">" as meaning "#".
- If using Windows 8 or Windows Server 2012, please note the following:  
Operations descriptions in this manual use examples assuming operating systems up to Windows 7 and Windows Server 2008 - if using this product with Windows 8 or Windows Server 2012, read instructions regarding the [Start] menu as if they were instructions for the [Apps] page.  
Display the [Apps] page by right-clicking in the [Start] screen, and then clicking on [All apps].
- When using Resource Orchestrator on Windows 8.1 and Windows Server 2012 R2, please note the following.  
When OS operations are explained in this manual, the examples assume OSs up to Windows 7 and Windows Server 2008. When using Resource Orchestrator on Windows 8.1 or Windows Server 2012 R2, take explanations regarding the [Start] menu as indicating the [Apps] screen.  
The [Apps] screen can be displayed by swiping the [Start] screen from bottom to top, or clicking the downward facing arrow on the lower-left of the [Start] screen.

## Menus in the ROR console

Operations on the ROR console can be performed using either the menu bar or pop-up menus.

By convention, procedures described in this manual only refer to pop-up menus.

## Regarding Installation Folder Paths

The installation folder path may be given as C:\Fujitsu\ROR in this manual.

Replace it as shown below.

- When using Windows 64-bit (x64)  
C:\Program Files (x86)\Resource Orchestrator
- When using Windows 32-bit (x86)  
C:\Program Files\Resource Orchestrator

## Command Examples

The paths used in command examples may be abbreviated. When using commands, execute them using the paths in the "Name" column in the "Reference Guide (Command) VE" and the "Reference Guide (Command/XML) CE".

## Abbreviations

The following abbreviations are used in this manual:

Abbreviation	Products
Windows	Microsoft(R) Windows Server(R) 2003 R2, Standard Edition Microsoft(R) Windows Server(R) 2003 R2, Enterprise Edition Microsoft(R) Windows Server(R) 2003 R2, Standard x64 Edition Microsoft(R) Windows Server(R) 2003 R2, Enterprise x64 Edition Microsoft(R) Windows Server(R) 2008 Standard Microsoft(R) Windows Server(R) 2008 Enterprise Microsoft(R) Windows Server(R) 2008 R2 Standard Microsoft(R) Windows Server(R) 2008 R2 Enterprise Microsoft(R) Windows Server(R) 2008 R2 Datacenter Microsoft(R) Windows Server(R) 2012 Standard Microsoft(R) Windows Server(R) 2012 Datacenter Microsoft(R) Windows Server(R) 2012 R2 Standard Microsoft(R) Windows Server(R) 2012 R2 Datacenter Microsoft(R) Windows(R) XP Professional operating system Windows Vista(R) Business Windows Vista(R) Enterprise Windows Vista(R) Ultimate Windows(R) 7 Professional Windows(R) 7 Ultimate Windows(R) 8 Pro Windows(R) 8 Enterprise Windows(R) 8.1 Pro Windows(R) 8.1 Enterprise
Windows Server 2003	Microsoft(R) Windows Server(R) 2003 R2, Standard Edition Microsoft(R) Windows Server(R) 2003 R2, Enterprise Edition Microsoft(R) Windows Server(R) 2003 R2, Standard x64 Edition Microsoft(R) Windows Server(R) 2003 R2, Enterprise x64 Edition
Windows 2003 x64 Edition	Microsoft(R) Windows Server(R) 2003 R2, Standard x64 Edition Microsoft(R) Windows Server(R) 2003 R2, Enterprise x64 Edition
Windows Server 2008	Microsoft(R) Windows Server(R) 2008 Standard Microsoft(R) Windows Server(R) 2008 Enterprise Microsoft(R) Windows Server(R) 2008 R2 Standard

Abbreviation	Products
	Microsoft(R) Windows Server(R) 2008 R2 Enterprise Microsoft(R) Windows Server(R) 2008 R2 Datacenter
Windows 2008 x86 Edition	Microsoft(R) Windows Server(R) 2008 Standard (x86) Microsoft(R) Windows Server(R) 2008 Enterprise (x86)
Windows 2008 x64 Edition	Microsoft(R) Windows Server(R) 2008 Standard (x64) Microsoft(R) Windows Server(R) 2008 Enterprise (x64)
Windows Server 2012	Microsoft(R) Windows Server(R) 2012 Standard Microsoft(R) Windows Server(R) 2012 Datacenter Microsoft(R) Windows Server(R) 2012 R2 Standard Microsoft(R) Windows Server(R) 2012 R2 Datacenter
Windows PE	Microsoft(R) Windows(R) Preinstallation Environment
Windows XP	Microsoft(R) Windows(R) XP Professional operating system
Windows Vista	Windows Vista(R) Business Windows Vista(R) Enterprise Windows Vista(R) Ultimate
Windows 7	Windows(R) 7 Professional Windows(R) 7 Ultimate
Windows 8	Windows(R) 8 Pro Windows(R) 8 Enterprise Windows(R) 8.1 Pro Windows(R) 8.1 Enterprise
Linux	Red Hat(R) Enterprise Linux(R) 5 (for x86) Red Hat(R) Enterprise Linux(R) 5 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.1 (for x86) Red Hat(R) Enterprise Linux(R) 5.1 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.2 (for x86) Red Hat(R) Enterprise Linux(R) 5.2 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.3 (for x86) Red Hat(R) Enterprise Linux(R) 5.3 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.4 (for x86) Red Hat(R) Enterprise Linux(R) 5.4 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.5 (for x86) Red Hat(R) Enterprise Linux(R) 5.5 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.6 (for x86) Red Hat(R) Enterprise Linux(R) 5.6 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.7 (for x86) Red Hat(R) Enterprise Linux(R) 5.7 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.8 (for x86) Red Hat(R) Enterprise Linux(R) 5.8 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.9 (for x86) Red Hat(R) Enterprise Linux(R) 5.9 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.10 (for x86) Red Hat(R) Enterprise Linux(R) 5.10 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.11 (for x86) Red Hat(R) Enterprise Linux(R) 5.11 (for Intel64) Red Hat(R) Enterprise Linux(R) 6.2 (for x86) Red Hat(R) Enterprise Linux(R) 6.2 (for Intel64) Red Hat(R) Enterprise Linux(R) 6.3 (for x86) Red Hat(R) Enterprise Linux(R) 6.3 (for Intel64) Red Hat(R) Enterprise Linux(R) 6.4 (for x86) Red Hat(R) Enterprise Linux(R) 6.4 (for Intel64) Red Hat(R) Enterprise Linux(R) 6.5 (for x86) Red Hat(R) Enterprise Linux(R) 6.5 (for Intel64)

Abbreviation	Products
	SUSE(R) Linux Enterprise Server 11 for x86 SUSE(R) Linux Enterprise Server 11 for EM64T
Red Hat Enterprise Linux	Red Hat(R) Enterprise Linux(R) 5 (for x86) Red Hat(R) Enterprise Linux(R) 5 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.1 (for x86) Red Hat(R) Enterprise Linux(R) 5.1 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.2 (for x86) Red Hat(R) Enterprise Linux(R) 5.2 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.3 (for x86) Red Hat(R) Enterprise Linux(R) 5.3 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.4 (for x86) Red Hat(R) Enterprise Linux(R) 5.4 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.5 (for x86) Red Hat(R) Enterprise Linux(R) 5.5 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.6 (for x86) Red Hat(R) Enterprise Linux(R) 5.6 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.7 (for x86) Red Hat(R) Enterprise Linux(R) 5.7 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.8 (for x86) Red Hat(R) Enterprise Linux(R) 5.8 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.9 (for x86) Red Hat(R) Enterprise Linux(R) 5.9 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.10 (for x86) Red Hat(R) Enterprise Linux(R) 5.10 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.11 (for x86) Red Hat(R) Enterprise Linux(R) 5.11 (for Intel64) Red Hat(R) Enterprise Linux(R) 6.2 (for x86) Red Hat(R) Enterprise Linux(R) 6.2 (for Intel64) Red Hat(R) Enterprise Linux(R) 6.3 (for x86) Red Hat(R) Enterprise Linux(R) 6.3 (for Intel64) Red Hat(R) Enterprise Linux(R) 6.4 (for x86) Red Hat(R) Enterprise Linux(R) 6.4 (for Intel64) Red Hat(R) Enterprise Linux(R) 6.5 (for x86) Red Hat(R) Enterprise Linux(R) 6.5 (for Intel64)
Red Hat Enterprise Linux 5	Red Hat(R) Enterprise Linux(R) 5 (for x86) Red Hat(R) Enterprise Linux(R) 5 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.1 (for x86) Red Hat(R) Enterprise Linux(R) 5.1 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.2 (for x86) Red Hat(R) Enterprise Linux(R) 5.2 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.3 (for x86) Red Hat(R) Enterprise Linux(R) 5.3 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.4 (for x86) Red Hat(R) Enterprise Linux(R) 5.4 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.5 (for x86) Red Hat(R) Enterprise Linux(R) 5.5 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.6 (for x86) Red Hat(R) Enterprise Linux(R) 5.6 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.7 (for x86) Red Hat(R) Enterprise Linux(R) 5.7 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.8 (for x86) Red Hat(R) Enterprise Linux(R) 5.8 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.9 (for x86) Red Hat(R) Enterprise Linux(R) 5.9 (for Intel64) Red Hat(R) Enterprise Linux(R) 5.10 (for x86) Red Hat(R) Enterprise Linux(R) 5.10 (for Intel64)

Abbreviation	Products
	Red Hat(R) Enterprise Linux(R) 5.11 (for x86) Red Hat(R) Enterprise Linux(R) 5.11 (for Intel64)
Red Hat Enterprise Linux 6	Red Hat(R) Enterprise Linux(R) 6.2 (for x86) Red Hat(R) Enterprise Linux(R) 6.2 (for Intel64) Red Hat(R) Enterprise Linux(R) 6.3 (for x86) Red Hat(R) Enterprise Linux(R) 6.3 (for Intel64) Red Hat(R) Enterprise Linux(R) 6.4 (for x86) Red Hat(R) Enterprise Linux(R) 6.4 (for Intel64) Red Hat(R) Enterprise Linux(R) 6.5 (for x86) Red Hat(R) Enterprise Linux(R) 6.5 (for Intel64)
RHEL5-Xen	Red Hat(R) Enterprise Linux(R) 5.4 (for x86) Linux Virtual Machine Function Red Hat(R) Enterprise Linux(R) 5.4 (for Intel64) Linux Virtual Machine Function
RHEL-KVM	Red Hat(R) Enterprise Linux(R) 6.2 (for x86) Virtual Machine Function Red Hat(R) Enterprise Linux(R) 6.2 (for Intel64) Virtual Machine Function Red Hat(R) Enterprise Linux(R) 6.3 (for x86) Virtual Machine Function Red Hat(R) Enterprise Linux(R) 6.3 (for Intel64) Virtual Machine Function Red Hat(R) Enterprise Linux(R) 6.4 (for x86) Virtual Machine Function Red Hat(R) Enterprise Linux(R) 6.4 (for Intel64) Virtual Machine Function Red Hat(R) Enterprise Linux(R) 6.5 (for x86) Virtual Machine Function Red Hat(R) Enterprise Linux(R) 6.5 (for Intel64) Virtual Machine Function
DOS	Microsoft(R) MS-DOS(R) operating system, DR DOS(R)
SUSE Linux Enterprise Server	SUSE(R) Linux Enterprise Server 11 for x86 SUSE(R) Linux Enterprise Server 11 for EM64T
OVM for x86 2.2	Oracle(R) VM Server for x86 2.2
OVM for x86 3.2	Oracle VM Server for x86 v3.2.1 Oracle VM Server for x86 v3.2.2 Oracle VM Server for x86 v3.2.3 Oracle VM Server for x86 v3.2.4 Oracle VM Server for x86 v3.2.6 Oracle VM Server for x86 v3.2.7
OVM for SPARC	Oracle(R) VM Server for SPARC
Oracle VM Manager	Oracle(R) VM Manager
Citrix XenServer	Citrix XenServer(R) 6.0 Citrix XenServer(R) 6.0.2 Citrix XenServer(R) 6.1.0
ESC	ETERNUS SF Storage Cruiser
GLS	PRIMECLUSTER GLS
Navisphere	EMC Navisphere Manager
Solutions Enabler	EMC Solutions Enabler
MSFC	Microsoft Failover Cluster
Solaris	Oracle Solaris10 05/09 (Update7) Media Pack Oracle Solaris11 11/11 Media Pack Oracle Solaris11.1 Media Pack
SCVMM	System Center Virtual Machine Manager 2008 R2 System Center 2012 Virtual Machine Manager System Center 2012 R2 Virtual Machine Manager
VMware	VMware vSphere(R) 4 VMware vSphere(R) 4.1 VMware vSphere(R) 5

Abbreviation	Products
	VMware vSphere(R) 5.1 Vmware vSphere(R) 5.5
VMware ESX	VMware(R) ESX(R)
VMware ESX 4	VMware(R) ESX(R) 4
VMware ESXi	VMware(R) ESXi(TM)
VMware ESXi 5.0	VMware(R) ESXi(TM) 5.0
VMware ESXi 5.1	VMware(R) ESXi(TM) 5.1
VMware ESXi 5.5	VMware(R) ESXi(TM) 5.5
VMware Tools	VMware(R) Tools
VMware vSphere 4.0	VMware vSphere(R) 4.0
VMware vSphere 4.1	VMware vSphere(R) 4.1
VMware vSphere 5	VMware vSphere(R) 5
VMware vSphere 5.1	VMware vSphere(R) 5.1
VMware vSphere 5.5	VMware vSphere(R) 5.5
VMware vSphere Client	VMware vSphere(R) Client
VMware vCenter Server	VMware(R) vCenter(TM) Server
VMware vClient	VMware(R) vClient(TM)
VMware FT	VMware(R) Fault Tolerance
VMware DRS	VMware(R) Distributed Resource Scheduler
VMware DPM	VMware(R) Distributed Power Management
VMware vDS	VMware(R) vNetwork Distributed Switch
VMware Storage VMotion	VMware(R) Storage VMotion
VMware Horizon View	VMware Horizon View 5.2.x VMware Horizon View 5.3.x VMware Horizon 6.0 (with View)
VIOM	ServerView Virtual-IO Manager
BladeLogic	BMC BladeLogic Server Automation
Internet Explorer	Windows(R) Internet Explorer(R) 8 Windows(R) Internet Explorer(R) 9 Windows(R) Internet Explorer(R) 10 Windows(R) Internet Explorer(R) 11
ServerView Agent	ServerView SNMP Agents for MS Windows (32bit-64bit) ServerView Agents Linux ServerView Agents VMware for VMware ESX Server
RCVE	ServerView Resource Coordinator VE
ROR	FUJITSU Software ServerView Resource Orchestrator
ROR VE	FUJITSU Software ServerView Resource Orchestrator Virtual Edition
ROR CE	FUJITSU Software ServerView Resource Orchestrator Cloud Edition
Resource Coordinator	Systemwalker Resource Coordinator Systemwalker Resource Coordinator Virtual server Edition
SVFAB	ServerView Fabric Manager



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## Issue Date and Version

Month/Year Issued, Edition	Manual Code
June 2013, First Edition	J2X1-7768-01ENZ0(00)
August 2013, Edition 1.1	J2X1-7768-01ENZ0(01)
December 2013, Second Edition	J2X1-7768-02ENZ0(00)
June 2014, Edition 2.1	J2X1-7768-02ENZ0(01)
November 2015, Edition 2.2	J2X1-7768-02ENZ0(02)

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# Chapter 1 Structure of the Manuals

This chapter explains the structure of the manuals for Resource Orchestrator.

The target product of this document is as follows.

- FUJITSU Software ServerView Resource Orchestrator V3.1.2

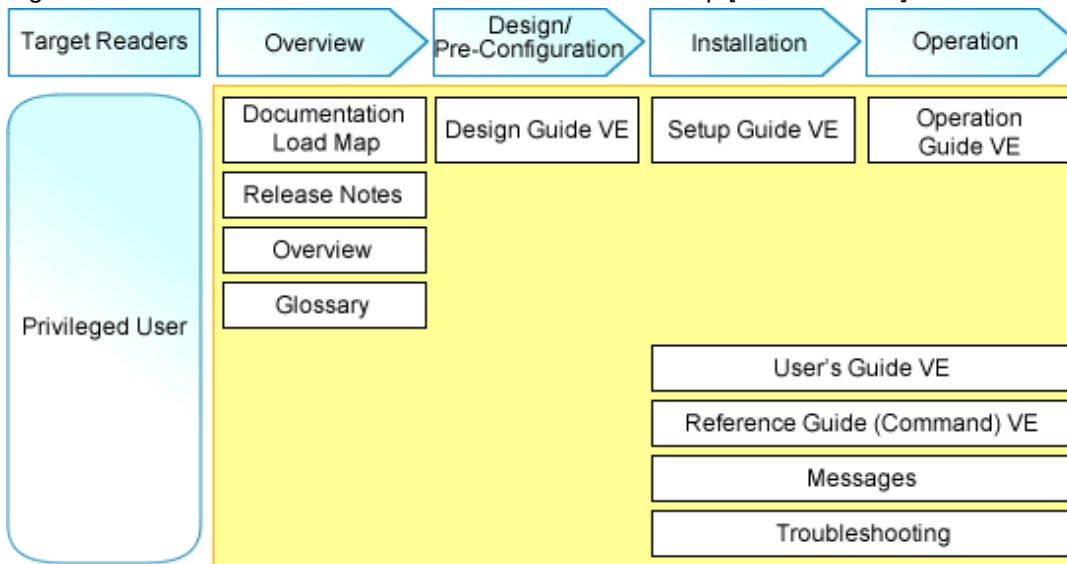
## Intended Users [Virtual Edition]

FUJITSU Software ServerView Resource Orchestrator Virtual Edition users are privileged users. Privileged users can perform all operations on resources.

## Resource Orchestrator Documentation Road Map [Virtual Edition]

The documentation road map for Resource Orchestrator is as shown below.

Figure 1.1 Resource Orchestrator Documentation Road Map [Virtual Edition]



## Intended Users [Cloud Edition]

The users who perform setup and operations of infrastructure operation platforms using FUJITSU Software ServerView Resource Orchestrator Cloud Edition are shown below.

For details on the roles of Resource Orchestrator users, refer to "Chapter 4 User Roles in Resource Orchestrator [Cloud Edition]" in the "Overview".

Table 1.1 Users

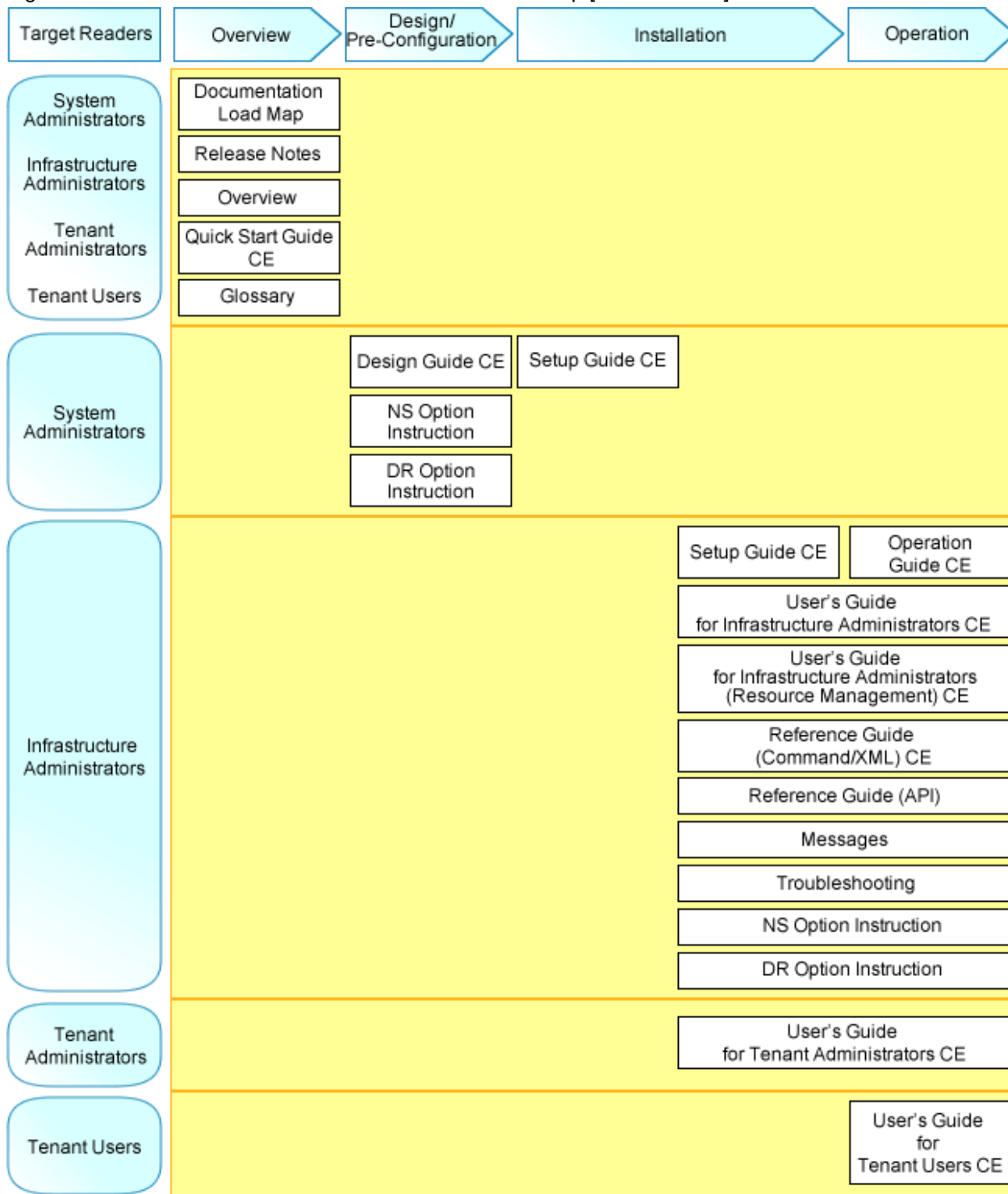
Department	Users	Overview
Service user department	Tenant user	A person who performs configuration, operation, or maintenance of business systems. Systems are configured on an allocated logical platform (L-Platform).
	Tenant administrator	The manager of a service user department which performs configuration, operation, and maintenance of a logical platform (L-Platform). They manage tenant users and logical platforms (L-Platforms).
Service provider department	Infrastructure administrator	A manager of a service provision department which performs configuration, operation, and maintenance of an entire infrastructure.

Department	Users	Overview
		Logical platforms (L-Platform) are allocated according to requests from service user departments.
	System administrator	A system administrator who manages the entire system. They install Resource Orchestrator and configure the necessary settings. OS administrator privileges are required for these operations. Normally the roles of the infrastructure administrator and system administrator are performed concurrently.

### Resource Orchestrator Documentation Road Map [Cloud Edition]

The documentation road map for Resource Orchestrator is as shown below.

Figure 1.2 Resource Orchestrator Documentation Road Map [Cloud Edition]



**Roles not in the Figure**

Refer to the user role manuals displayed in the table below for roles that are not in the diagram

Roles not in the Figure	Roles in the Figure
Infrastructure operator	Infrastructure administrator
Infrastructure monitor	

Roles not in the Figure	Roles in the Figure
Tenant operator Tenant monitor	Tenant administrator
(Dual-Role) Administrator (Dual-Role) Operator (Dual-Role) Monitor	Infrastructure administrator and Tenant administrator

## 1.1 Manuals

The following manuals are provided with Resource Orchestrator. Please refer to them when necessary.

### Common to all Editions

The following manuals are common to all editions of Resource Orchestrator.

Table 1.2 Manual Name, Abbreviated Form, and Purpose [Common to all editions]

Manual Name	Abbreviated Form	Purpose
FUJITSU Software ServerView Resource Orchestrator V3.1.2 Documentation Road Map	Documentation Road Map	<b>Please read this first.</b> Read this when you want to know which manuals to read and in which order.
FUJITSU Software ServerView Resource Orchestrator V3.1.2 Release Notes	Release Notes	Explains the overview, content, and details (reference locations in the manuals) of functions added from FUJITSU Software ServerView Resource Orchestrator V3.1.2.
FUJITSU Software ServerView Resource Orchestrator V3.1.2 Overview	Overview	Read this when you want an overview and to get the basic knowledge required for operation and use of ServerView Resource Orchestrator.
FUJITSU Software ServerView Resource Orchestrator V3.1.2 Messages	Messages	Read this when you want detailed information about the corrective actions for displayed messages.
FUJITSU Software ServerView Resource Orchestrator V3.1.2 Troubleshooting	Troubleshooting	Read this when you want information about Troubleshooting.
FUJITSU Software ServerView Resource Orchestrator V3.1.2 Glossary	Glossary	Read this when you want to learn the meanings of the terms used in Resource Orchestrator.

### Virtual Edition

The following manuals are provided with Virtual Edition.

Table 1.3 Manual Name, Abbreviated Form, and Purpose [Virtual Edition]

Manual Name	Abbreviated Form	Purpose
FUJITSU Software ServerView Resource Orchestrator Virtual Edition V3.1.2 Design Guide	Design Guide VE	Read this when you want information about the purposes and uses of basic functions, and how to design systems using Resource Orchestrator.
FUJITSU Software ServerView Resource Orchestrator Virtual Edition V3.1.2 Setup Guide	Setup Guide VE	Read this when you want information about how to install Resource Orchestrator.

Manual Name	Abbreviated Form	Purpose
FUJITSU Software ServerView Resource Orchestrator Virtual Edition V3.1.2 Operation Guide	Operation Guide VE	Read this when you want information about how to operate systems that you have configured.
FUJITSU Software ServerView Resource Orchestrator Virtual Edition V3.1.2 User's Guide	User's Guide VE	Read this when you want information about how to operate the GUI.
FUJITSU Software ServerView Resource Orchestrator Virtual Edition V3.1.2 Reference Guide (Command)	Reference Guide (Command)	Read this when you want information about how to use commands.

## Cloud Edition

The following manuals are provided with Cloud Edition.

In some cases, this manual may ask you to refer to the Virtual Edition manuals.

Please refer to them when necessary.

Table 1.4 Manual Name, Abbreviated Form, and Purpose [Cloud Edition]

Manual Name	Abbreviated Form	Purpose
FUJITSU Software ServerView Resource Orchestrator Cloud Edition V3.1.2 Quick Start Guide	Quick Start Guide CE	Read this when you want information about how to set up Resource Orchestrator.
FUJITSU Software ServerView Resource Orchestrator Cloud Edition V3.1.2 Design Guide	Design Guide CE	Read this when you want information about the purposes and uses of basic functions, and how to design systems using Resource Orchestrator.
FUJITSU Software ServerView Resource Orchestrator Cloud Edition V3.1.2 Setup Guide	Setup Guide CE	Read this when you want information about how to install Resource Orchestrator.
FUJITSU Software ServerView Resource Orchestrator Cloud Edition V3.1.2 Operation Guide	Operation Guide CE	Read this when you want information about how to operate systems that you have configured.
FUJITSU Software ServerView Resource Orchestrator Cloud Edition V3.1.2 User's Guide for Infrastructure Administrators	User's Guide for Infrastructure Administrators CE	Read this when you want information about how to operate the GUI (except for the [Resource] tab) used by infrastructure administrators and dual-role administrators.
FUJITSU Software ServerView Resource Orchestrator Cloud Edition V3.1.2 User's Guide for Infrastructure Administrators (Resource Management)	User's Guide for Infrastructure Administrators (Resource Management) CE	Read this when you want information about how to operate the GUI (the [Resource] tab) used by infrastructure administrators and dual-role administrators.
FUJITSU Software ServerView Resource Orchestrator Cloud Edition V3.1.2 User's Guide for Tenant Administrators	User's Guide for Tenant Administrators CE	Read this when you want information about how to operate the GUI used by tenant administrators.
FUJITSU Software ServerView Resource Orchestrator Cloud Edition V3.1.2 User's Guide for Tenant Users	User's Guide for Tenant Users CE	Read this when you want information about how to operate the GUI used by tenant users.
FUJITSU Software ServerView Resource Orchestrator Cloud Edition V3.1.2 Reference Guide (Command/XML)	Reference Guide (Command/XML) CE	Read this when you want information about the XML files and the commands used by infrastructure administrators and dual-role administrators for resource management operations.



Manual Name	Abbreviated Form	Purpose
FUJITSU Software ServerView Resource Orchestrator Virtual Edition V3.1.2 Reference Guide (API)	Reference Guide (API) CE	Read this when you want information about the APIs used by infrastructure administrators and dual-role administrators.
FUJITSU Software ServerView Resource Orchestrator V3.1.2 NS Option Instruction	NS Option Instruction	Read this when you install the NS Option.
FUJITSU Software ServerView Resource Orchestrator V3.1.2 DR Option Instruction	DR Option Instruction	Read this when you install the DR Option.

## **1.2 FUJITSU Software ServerView Resource Orchestrator Help**

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FUJITSU Software ServerView Resource Orchestrator Help can be displayed using the Help menu or the Help button.

For the operation procedure and details for entry in the individual windows, refer to the Help.

# Chapter 2 How to Use the Manuals

This chapter explains how to use the manuals of Resource Orchestrator.

## 2.1 Guidelines for Use of the Manuals

This section explains the guidelines for use of the manuals based on the user's purpose.

↓ shows which manuals to read and the order to read them in.

### Understanding FUJITSU Software ServerView Resource Orchestrator

Figure 2.1 Understanding FUJITSU Software ServerView Resource Orchestrator [Virtual Edition]

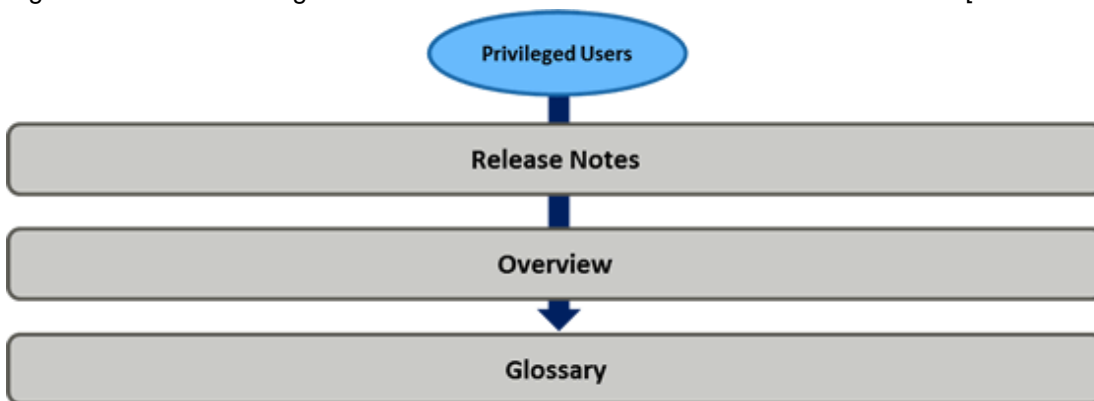


Figure 2.2 Understanding FUJITSU Software ServerView Resource Orchestrator [Cloud Edition]

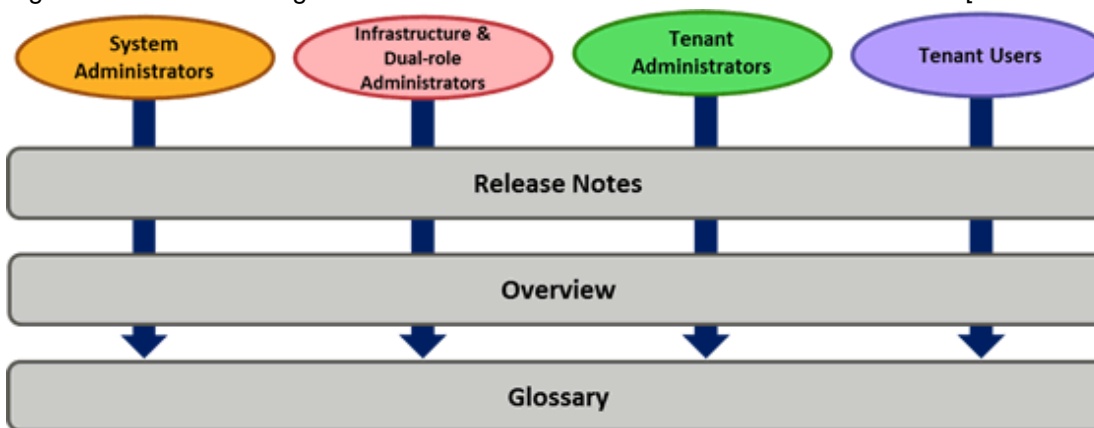


Table 2.1 Understanding FUJITSU Software ServerView Resource Orchestrator [Virtual Edition] [Cloud Edition]

Manual Name [Virtual Edition]	Manual Name [Cloud Edition]	Reader Tasks
Release Notes		- Learn about the functions added since the previous version
Overview		- Learn the functional overview of FUJITSU Software ServerView Resource Orchestrator
Glossary		- Learn the basic terms used in FUJITSU Software ServerView Resource Orchestrator

## Performing Design for FUJITSU Software ServerView Resource Orchestrator

Figure 2.3 Design for FUJITSU Software ServerView Resource Orchestrator [Virtual Edition]

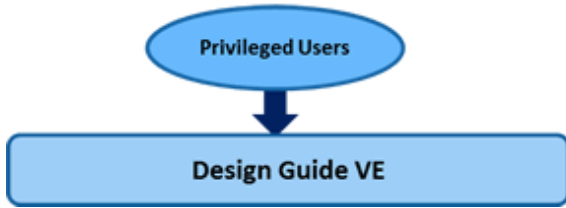


Figure 2.4 Design for FUJITSU Software ServerView Resource Orchestrator [Cloud Edition]

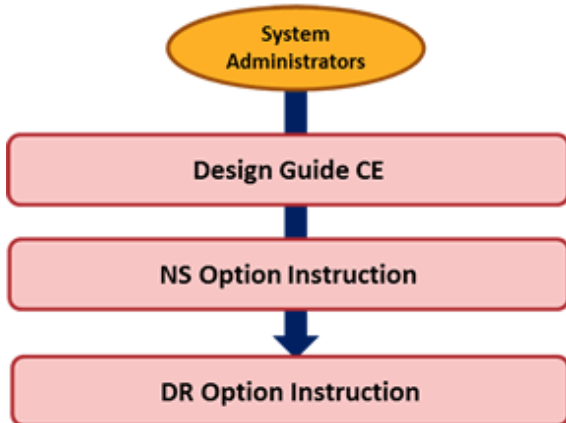


Table 2.2 Design for FUJITSU Software ServerView Resource Orchestrator [Virtual Edition] [Cloud Edition]

Manual Name [Virtual Edition]	Manual Name [Cloud Edition]	Reader Tasks
Design Guide VE	Design Guide CE	<ul style="list-style-type: none"> <li>- Perform Design for FUJITSU Software ServerView Resource Orchestrator</li> <li>- Perform FUJITSU Software ServerView Resource Orchestrator pre-setup preparations before installation</li> </ul>
-	NS Option Instruction	Design the environment using FUJITSU Software ServerView Resource Orchestrator NS Option
-	DR Option Instruction	Design the environment using FUJITSU Software ServerView Resource Orchestrator DR Option

## Setting Up FUJITSU Software ServerView Resource Orchestrator

Figure 2.5 Setup of FUJITSU Software ServerView Resource Orchestrator [Virtual Edition]

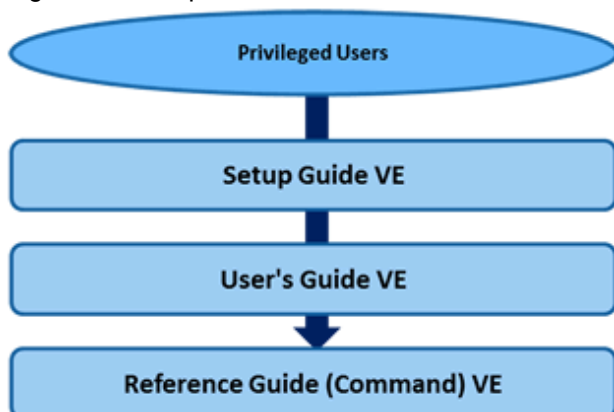


Table 2.3 Setup of FUJITSU Software ServerView Resource Orchestrator [Virtual Edition]

Manual Name [Virtual Edition]	Manual Name [Cloud Edition]	Reader Tasks
Setup Guide VE	-	<ul style="list-style-type: none"> <li>- Learn the setup flow</li> <li>- Install/uninstall the admin server</li> <li>- Perform set up of the admin server</li> <li>- Perform setup of managed servers</li> </ul>
User's Guide VE	-	Perform operations on the [Resource] tab of the ROR console
Reference Guide (Command) VE	-	Learn how to use the commands provided by Resource Orchestrator

Figure 2.6 Setup of FUJITSU Software ServerView Resource Orchestrator [Cloud Edition]

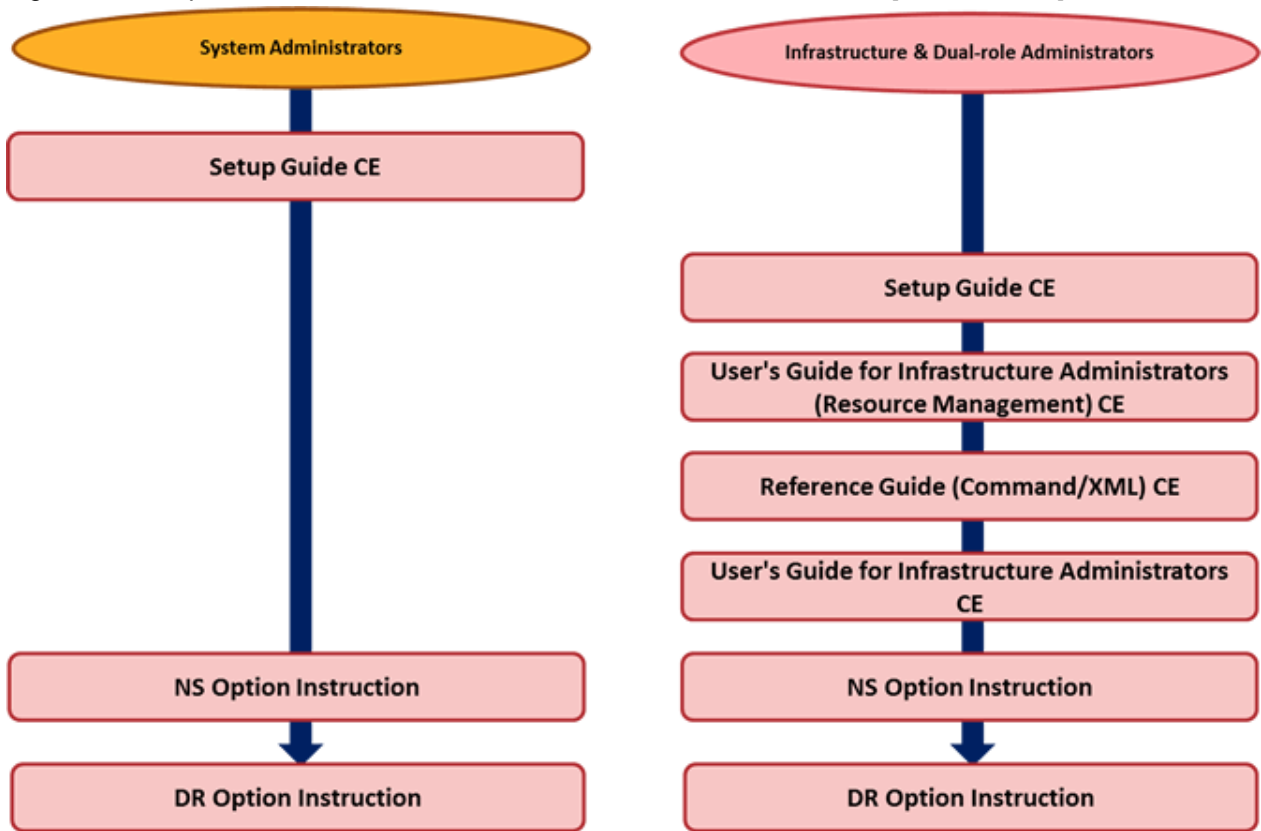


Table 2.4 Setup of FUJITSU Software ServerView Resource Orchestrator by System Administrators [Cloud Edition]

Manual Name [Virtual Edition]	Manual Name [Cloud Edition]	Reader Tasks
-	Setup Guide CE	<ul style="list-style-type: none"> <li>- Learn the setup flow</li> <li>- Install/uninstall the admin server</li> <li>- Perform set up of the admin server</li> </ul>
-	NS Option Instruction	Set up the environment using FUJITSU Software ServerView Resource Orchestrator NS Option
-	DR Option Instruction	Set up the environment using FUJITSU Software ServerView Resource Orchestrator DR Option

Table 2.5 Setup of FUJITSU Software ServerView Resource Orchestrator by Infrastructure Administrators [Cloud Edition]

Manual Name [Virtual Edition]	Manual Name [Cloud Edition]	Reader Tasks
-	Setup Guide CE	<ul style="list-style-type: none"> <li>- Learn the setup flow</li> <li>- Perform setup of managed servers</li> </ul>
-	User's Guide for Infrastructure Administrators (Resource Management) CE	Perform operations on the [Resource] tab of the ROR console
-	Reference Guide (Command/XML) CE	Learn how to use the commands provided by Resource Orchestrator
-	User's Guide for Infrastructure Administrators CE	Perform operations on the following tabs of the ROR console: <ul style="list-style-type: none"> <li>- Home</li> <li>- Dashboard (Pool Conditions)</li> <li>- Dashboard (System Conditions)</li> <li>- Dashboard (Capacity Planning)</li> <li>- Templates</li> <li>- L-Platform</li> <li>- Request</li> <li>- Tenants</li> <li>- Usage Charges</li> <li>- Account</li> </ul>
-	NS Option Instruction	Set up the environment using FUJITSU Software ServerView Resource Orchestrator NS Option
-	DR Option Instruction	Set up the environment using FUJITSU Software ServerView Resource Orchestrator DR Option

**Operating FUJITSU Software ServerView Resource Orchestrator**

Figure 2.7 Operation of FUJITSU Software ServerView Resource Orchestrator [Virtual Edition]

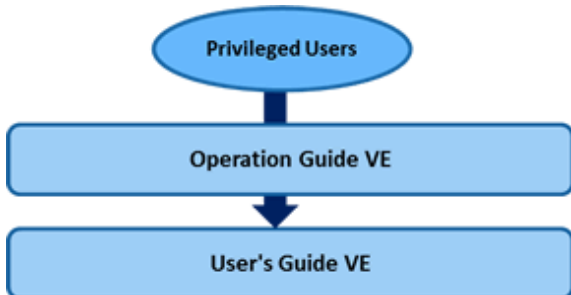


Table 2.6 Operation of FUJITSU Software ServerView Resource Orchestrator [Virtual Edition]

Manual Name [Virtual Edition]	Manual Name [Cloud Edition]	Reader Tasks
Operation Guide VE	-	Perform the following operations using FUJITSU Software ServerView Resource Orchestrator:

Manual Name [Virtual Edition]	Manual Name [Cloud Edition]	Reader Tasks
		<ul style="list-style-type: none"> <li>- Monitor resources</li> <li>- Start and stop managers and agents</li> <li>- Manage user accounts</li> </ul>
User's Guide VE	-	Perform operations on the following tab of the ROR console: <ul style="list-style-type: none"> <li>- Resource</li> </ul>

Figure 2.8 Operation of FUJITSU Software ServerView Resource Orchestrator [Cloud Edition]

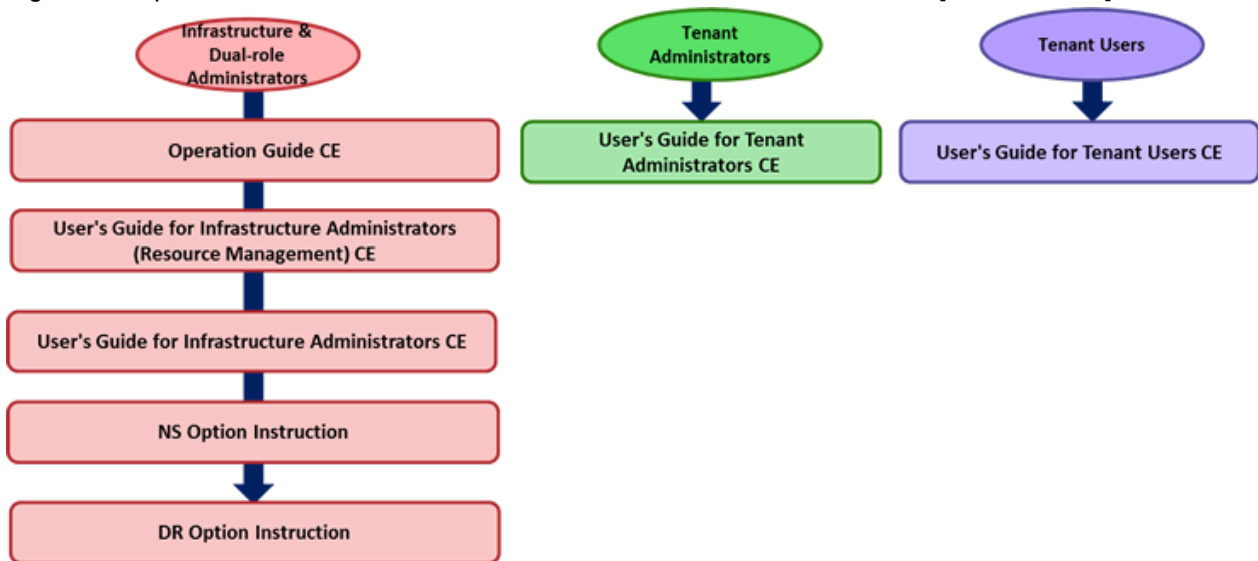


Table 2.7 Operation of FUJITSU Software ServerView Resource Orchestrator by Infrastructure Administrators [Cloud Edition]

Manual Name [Virtual Edition]	Manual Name [Cloud Edition]	Reader Tasks
-	Operation Guide CE	Perform the following operations using FUJITSU Software ServerView Resource Orchestrator: <ul style="list-style-type: none"> <li>- Monitor resources</li> <li>- Start and stop managers and agents</li> <li>- Manage user accounts</li> <li>- Manage tenants</li> <li>- Manage templates</li> <li>- Manage resources and resource pools</li> <li>- Manage logical platforms (L-Platforms)</li> <li>- Monitor logical platforms (L-Platforms)</li> <li>- Change the settings</li> <li>- Monitor logs</li> <li>- Manage accounting information</li> <li>- Provide high availability of managed resources</li> </ul>

Manual Name [Virtual Edition]	Manual Name [Cloud Edition]	Reader Tasks
-	User's Guide for Infrastructure Administrators CE	Perform operations on the following tabs of the ROR console: <ul style="list-style-type: none"> <li>- Home</li> <li>- Dashboard (Pool Conditions)</li> <li>- Dashboard (System Conditions)</li> <li>- Dashboard (Capacity Planning)</li> <li>- Templates</li> <li>- L-Platform</li> <li>- Request</li> <li>- Tenants</li> <li>- Usage Charges</li> <li>- Account</li> </ul>
-	User's Guide for Infrastructure Administrators (Resource Management) CE	Perform operations on the following tab of the ROR console: <ul style="list-style-type: none"> <li>- Resource</li> </ul>
-	NS Option Instruction	Ensure the network security of logical platforms (L-Platforms) using FUJITSU Software ServerView Resource Orchestrator NS Option
-	DR Option Instruction	Operate the Disaster Recovery environment using FUJITSU Software ServerView Resource Orchestrator

Table 2.8 Operation of FUJITSU Software ServerView Resource Orchestrator by Tenant Administrators [Cloud Edition]

Manual Name [Virtual Edition]	Manual Name [Cloud Edition]	Reader Tasks
-	User's Guide for Tenant Administrators CE	Perform operations on the following tabs of the ROR console: <ul style="list-style-type: none"> <li>- Home</li> <li>- Dashboard (Pool Conditions)</li> <li>- Dashboard (System Conditions)</li> <li>- Dashboard (Capacity Planning)</li> <li>- Templates</li> <li>- L-Platform</li> <li>- Request</li> <li>- Tenants</li> <li>- Usage Charges</li> <li>- Account</li> </ul>

Table 2.9 Operation of FUJITSU Software ServerView Resource Orchestrator by Tenant Users [Cloud Edition]

Manual Name [Virtual Edition]	Manual Name [Cloud Edition]	Reader Tasks
-	User's Guide for Tenant Users CE	Perform operations on the following tabs of the ROR console: <ul style="list-style-type: none"> <li>- Home</li> <li>- System Conditions</li> <li>- L-Platform</li> <li>- Request</li> <li>- Account</li> </ul>

**Performing Maintenance of FUJITSU Software ServerView Resource Orchestrator**

Figure 2.9 Maintenance of FUJITSU Software ServerView Resource Orchestrator [Virtual Edition]



Figure 2.10 Maintenance of FUJITSU Software ServerView Resource Orchestrator [Cloud Edition]

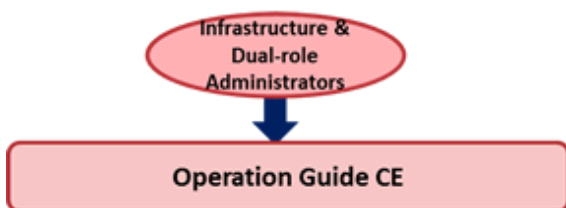


Table 2.10 Maintenance of FUJITSU Software ServerView Resource Orchestrator [Virtual Edition] [Cloud Edition]

Manual Name [Virtual Edition]	Manual Name [Cloud Edition]	Reader Tasks
Operation Guide VE	Operation Guide CE	Perform the following maintenance operations of FUJITSU Software ServerView Resource Orchestrator: <ul style="list-style-type: none"> <li>- Start and stop FUJITSU Software ServerView Resource Orchestrator</li> <li>- Collect logs</li> <li>- Backup and restore</li> <li>- Hardware maintenance</li> </ul>



## Troubleshooting Problems in FUJITSU Software ServerView Resource Orchestrator

Figure 2.11 Troubleshooting Problems in FUJITSU Software ServerView Resource Orchestrator [Virtual Edition]

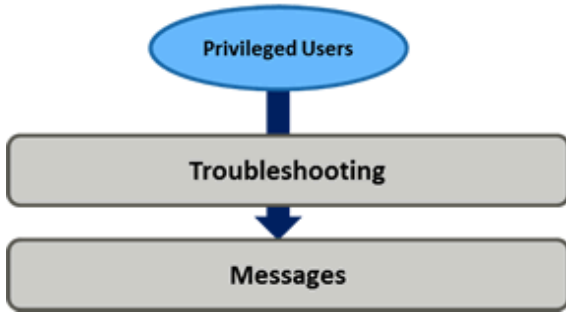


Figure 2.12 Troubleshooting Problems in FUJITSU Software ServerView Resource Orchestrator [Cloud Edition]

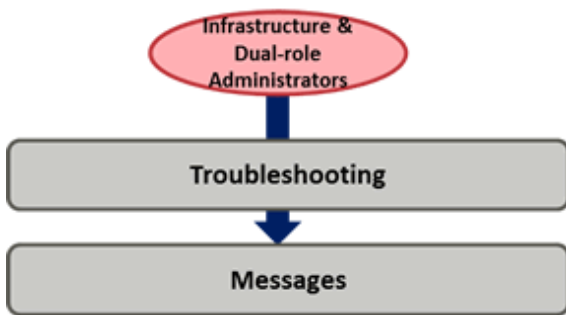


Table 2.11 Troubleshooting Problems in FUJITSU Software ServerView Resource Orchestrator [Virtual Edition] [Cloud Edition]

Manual Name [Virtual Edition]	Manual Name [Cloud Edition]	Reader Tasks
Troubleshooting Messages		<ul style="list-style-type: none"> <li>- Collect troubleshooting data</li> <li>- Identify the cause of trouble and take corrective action</li> </ul>

## 2.2 Symbols Used in the Manuals

This section explains the symbols used in the Resource Orchestrator manuals.

The following symbols are used in Resource Orchestrator.

### Note

This symbol indicates points that require particular attention.

### Point

This symbol indicates information that is useful to know.

### Information

This symbol indicates information that is helpful to know.



## See

.....  
This symbol indicates a reference that provides important information.  
.....



## Example

.....  
This symbol indicates an example.  
.....