

FUJITSU Software Enterprise Service Catalog Manager V19.1

A horizontal band featuring a red abstract graphic with flowing, curved lines and a bright light source, creating a sense of motion and energy.

Release Notes

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Contents

| | | |
|----------|--|----------|
| | About this Manual..... | 4 |
| 1 | What's New?..... | 6 |
| 1.1 | Support of VMware vSphere Custom Attributes..... | 6 |
| 1.2 | PowerShell Integration with Microsoft Azure..... | 6 |
| 1.3 | Sharing of Parameters in Shell Scripts..... | 6 |
| 1.4 | Approval of Subscriptions by Service Controller..... | 6 |
| 2 | Restrictions..... | 7 |

About this Manual

This manual describes new features and changes to existing features of FUJITSU Software Enterprise Service Catalog Manager (ESCM) V19.1 as compared to V19.0. In addition, this manual provides information on known restrictions.

ESCM can be operated on Linux platforms with a Docker Engine as described in the *QuickStart Guide*).

This manual is structured as follows:

| Chapter | Description |
|-------------------------------|--|
| <i>What's New?</i> on page 6 | Describes new features, changes, and enhancements. |
| <i>Restrictions</i> on page 7 | Describes the known restrictions of this release. |

Readers of this Manual

This manual is intended for operators who are responsible for installing ESCM.

It assumes that you are familiar with the following:

- Container technology, particularly Docker and Docker Compose.
- Administration of the operating systems in use, including the adaption and execution of batch files or shell scripts.
- Java EE technology.
- Relational databases and their administration, in particular the PostgreSQL database.
- ESCM concepts as explained in the *Overview* manual.

Notational Conventions

This manual uses the following notational conventions:

| | |
|-------------------------------|---|
| Add | Names of graphical user interface elements. |
| <code>init</code> | System names, for example command names and text that is entered from the keyboard. |
| <code><variable></code> | Variables for which values must be entered. |
| <code>[option]</code> | Optional items, for example optional command parameters. |
| <code>one two</code> | Alternative entries. |
| <code>{one two}</code> | Mandatory entries with alternatives. |

Available Documentation

The following documentation on ESCM is available:

- *Overview*: A PDF manual introducing ESCM. It is written for everybody interested in ESCM and does not require any special knowledge.
- *Operator's Guide*: A PDF manual for operators describing how to administrate and maintain ESCM.

- *Technology Provider's Guide*: A PDF manual for technology providers describing how to prepare applications for usage in a SaaS model and how to integrate them with ESCM.
- *Supplier's Guide*: A PDF manual for suppliers describing how to define and manage service offerings for applications that have been integrated with ESCM.
- *Reseller's Guide*: A PDF manual for resellers describing how to prepare, offer, and sell services defined by suppliers.
- *Broker's Guide*: A PDF manual for brokers describing how to support suppliers in establishing relationships to customers by offering their services on a marketplace.
- *Marketplace Owner's Guide*: A PDF manual for marketplace owners describing how to administrate and customize marketplaces in ESCM.
- *Microsoft Azure Integration*: A PDF manual for operators describing how to offer and use virtual systems controlled by Microsoft Azure through services in ESCM.
- *Amazon Web Services Integration*: A PDF manual for operators describing how to offer and use virtual servers controlled by the Amazon Elastic Compute Cloud Web service through services in ESCM.
- *OpenStack Integration*: A PDF manual for operators describing how to offer and use virtual systems controlled by OpenStack through services in ESCM.
- *VMware vSphere Integration*: A PDF manual for operators describing how to offer and use virtual machines provisioned on a VMware vSphere server through services in ESCM.
- *Shell Integration*: A PDF manual for operators describing how to use Shell scripts through services in ESCM.
- *Online Help*: Online help pages describing how to work with the administration portal of ESCM. The online help is intended for and available to everybody working with the administration portal.

1 What's New?

This chapter describes changes and enhancements made in ESCM since V19.0.

1.1 Support of VMware vSphere Custom Attributes

The VMware vSphere integration now allows to set values of custom attributes in VMware vSphere. Custom attributes can be defined in VMware vSphere as required, assigned to different objects like virtual machines and hosts, and used for purposes like searching or filtering.

From ESCM, the value of a vSphere custom attribute can be set by means of a corresponding service parameter or a custom attribute defined for a subscription. For example, for a vSphere custom attribute named `BACKUP`, a service parameter and/or custom attribute named `VPHSERE_ATTRIBUTE_BACKUP` can be created in ESCM. Its values could be strings used for labeling backups in VMware vSphere.

For details, refer to the *VMware vSphere Integration* guide.

1.2 PowerShell Integration with Microsoft Azure

The Shell service controller now supports PowerShell scripts. This allows customers to connect to Microsoft Azure from ESCM and manage their resources by scheduling and executing Azure Automation runbooks built on PowerShell Workflow.

For this to be possible, preparations are required in Microsoft Azure, and specific custom attributes and service parameters need to be defined in ESCM. For details, refer to the *Shell Integration* guide.

1.3 Sharing of Parameters in Shell Scripts

The Shell service controller now allows technology providers to persist parameters returned in the JSON response of a script and share them between scripts.

For example, a provisioning script may return the ID of a new virtual machine in a parameter. This parameter and its value can be persisted and later be used in other scripts (e.g. update or operation scripts) to address the virtual machine.

For details, refer to the *Shell Integration* guide.

1.4 Approval of Subscriptions by Service Controller

ESCM provides a new approval service for subscriptions, implemented as a service controller. Service managers of supplier organizations can configure the approval service for their customers. For each customer, they can define a responsible organization whose administrators can accept or reject any subscription by the customer to their services.

The configuration and usage of the approval service controller are described in detail on GitHub in <https://github.com/servicecatalog/oscm-approval/blob/master/README.md>.

2 Restrictions

This chapter describes known restrictions of this ESCM release.

Specification of Security Groups for the AWS Service Controller

If you specify security groups for the AWS service controller using the `SECURITY_GROUP_NAMES` service parameter, you also need to specify the corresponding subnet using the `SUBNET` parameter. If no subnet parameter is specified, the AWS service controller ignores any specified security groups, and the service instance is created in a default subnet and a default security group is assigned.