Contacting BMC Software

You can access the BMC Software website at http://www.bmc.com. From this website, you can obtain information about the company, its products, corporate offices, special events, and career opportunities.

United States and Canada

Address  
BMC SOFTWARE INC  
2101 CITYWEST BLVD  
HOUSTON TX  
77042-2827  
USA

Telephone  
713 918 8800  
713 918 8000

Fax  
713 918 8000

Outside United States and Canada

Telephone  
(01) 713 918 8800

Fax  
(01) 713 918 8000

© Copyright 1999-2015 BMC Software, Inc.

Your use of this information is subject to the terms and conditions of the applicable End User License Agreement for the product and the proprietary and restricted rights notices included in this documentation. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of BMC Software, Inc.

BMC, BMC Software, the BMC logo, the BMC Software logo, and other BMC marks, and the tagline “Bring IT to Life” are the exclusive properties of BMC Software, Inc., or its affiliates or subsidiaries and are registered or may be registered with the U.S. Patent and Trademark Office and in other countries. All other BMC trademarks, service marks, and logos may be registered or pending registration in the U.S. or in other countries. All other trademarks or registered trademarks are the property of their respective owners.

For BMC Control-M Products that are licensed on the “per CPU – Full Capacity” unit of measurement and installed in an Amazon Web Services (“AWS”) or Microsoft Azure (“Azure”) cloud environment, a license is required for the total number of CPUs in each AWS or Azure instance upon which the Product is installed or which the Product manages, either remotely or locally. For AWS, one CPU is equivalent to one vCPU, as defined by AWS. For Azure, one CPU is equivalent to up to four Virtual Cores (as defined by Azure), rounded up to the closest multiple of four.

IBM® Tivoli® Business Service Manager, IBM Tivoli Workload Scheduler, IBM Cognos, IBM InfoSphere DataStage, IBM iSeries, IBM Websphere, and AIX® are the trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both.

UNIX® is the registered trademark of The Open Group in the US and other countries.

Linux is the registered trademark of Linus Torvalds.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

SAP® R/2 and SAP R/3, SAP Business Objects, and SAP NetWeaver are trademarks or registered trademarks of SAP AG in Germany and in several other countries.

Restricted rights legend
Customer support

You can obtain technical support by using the BMC Software Customer Support website or by contacting Customer Support by telephone or e-mail. To expedite your inquiry, see “Before contacting BMC.”

Support website

You can obtain technical support from BMC 24 hours a day, 7 days a week at http://www.bmc.com/support. From this website, you can:

- Read overviews about support services and programs that BMC offers
- Find the most current information about BMC products
- Search a database for issues similar to yours and possible solutions
- Order or download product documentation
- Download products and maintenance
- Report an issue or ask a question
- Subscribe to receive proactive e-mail alerts when new product notices are released
- Find worldwide BMC support center locations and contact information, including e-mail addresses, fax numbers, and telephone numbers

Support by telephone or e-mail

In the United States and Canada, if you need technical support and do not have access to the web, call 800 537 1813 or send an e-mail message to customer_support@bmc.com. (In the subject line, enter SupID:<yourSupportContractID>, such as SupID:12345). Outside the United States and Canada, contact your local support center for assistance.

Before contacting BMC

Have the following information available so that Customer Support can begin working on your issue immediately:

- Product information
  - Product name
  - Product version (release number)
  - License number and password (trial or permanent)
- Operating system and environment information
  - Machine type
  - Operating system type, version, and service pack or other maintenance level such as PUT or PTF
  - System hardware configuration
• Serial numbers
• Related software (database, application, and communication) including type, version, and service pack or maintenance level

- Sequence of events leading to the issue
- Commands and options that you used
- Messages received (and the time and date that you received them)
  - Product error messages
  - Messages from the operating system, such as file system full
  - Messages from related software

License key and password information
If you have questions about your license key or password, contact BMC as follows:

- (USA or Canada) Contact the Order Services Password Team at 800 841 2031, or send an e-mail message to ContractsPasswordAdministration@bmc.com.
- (Europe, the Middle East, and Africa) Fax your questions to EMEA Contracts Administration at +31 20 354 8702, or send an e-mail message to password@bmc.com.
- (Asia-Pacific) Contact your BMC sales representative or your local BMC office.

Third party Software
For the provisions described in the BMC License Agreement and Order related to third party products or technologies included in the BMC Product, see https://docs.bmc.com/docs/display/workloadautomation/Control-M+Workload+Automation+Documentation and click Third-party software (TPS).
## Contents

- Self Service setup overview ........................................................................................................... 6
- Installing Control-M Self Service on Windows .............................................................................. 6
- Installing Control-M Self Service on UNIX ................................................................................... 7
- Service definitions and rules ........................................................................................................... 7
  - Creating a service definition ........................................................................................................ 8
  - Service options .......................................................................................................................... 9
  - Orderable Parameter fields ......................................................................................................... 11
  - Creating a service rule ............................................................................................................... 11
- Service authorizations ................................................................................................................... 13
  - Assigning a Service authorization ............................................................................................ 14
  - Service authorizations field descriptions ................................................................................. 15
- Control-M Self Service web component security ........................................................................... 16
  - SSL parameters for JacORB ....................................................................................................... 16
  - Configuring Control-M Self Service web component to work with SSL ...................................... 16
- Defining Control-M Self Service parameters ................................................................................. 17
  - Control-M Self Service system parameters ............................................................................. 18
  - Control-M Self Service parameters ......................................................................................... 20
Self Service setup overview

Control-M Self Service is a Control-M Add-on, which enables business users to view and perform actions on jobs through a service view, accessible via a web browser or mobile app.

Using a business-oriented service view for jobs, users can find jobs related to a certain function or task, identify and resolve problems, and order ad-hoc jobs.

As an administrator, these are the main procedures you need for installing and setting up Self Service:

- **Installing Control-M Self Service on Windows** (on page 6): Describes how to install Self Service on Windows.
- **Installing Control-M Self Service on UNIX** (on page 7): Describes how to install Self Service on UNIX.
- **Service definitions and rules** (on page 7): Describes service definitions and service rules, and how to set them up.
- **Service authorizations** (on page 13): Describes how to authorize access to services for users and user groups.
- **Control-M Self Service web component security** (on page 16): Describes how to set up security for the web component.
- **Defining Control-M Self Service parameters** (on page 17): Describes how to set up Self Service system parameters, such as site language, color, and logo path.

Installing Control-M Self Service on Windows

This procedure describes how to install Control-M Self Service on a Control-M/EM server on Windows, which enables you to start working with Control-M Self Service.

**Before you begin**

- Ensure that the database server that contains the Control-M/EM database is up and running.
- Verify that either the default web server port 18080 or another configured port that you want to use is open.
- Download the Control-M Self Service installation files (see Product Distribution in the Control-M Workload Automation Release Notes).

➢ **To install Control-M Self Service on Windows:**

1. Double-click the setup.exe file that you downloaded or obtained from the Control-M Self Service activation CD.
   
   A confirmation message appears.

2. Click Run.

   The Control-M Self Service Installation wizard appears.
3. Follow the on-screen instructions until the installation is complete.
   In the last screen of the installation you will find the URL to provide to users for accessing the Control-M Self Service web component.
   You can also find the URL by opening the Control-M Configuration Manager, and under All Components, select and right-click Web Server, and Web server URLs.
4. Click Done.
5. To verify installation, open the Control-M Configuration Manager, and verify that Self Service Server and Web Server components are with a state of Up.

Installing Control-M Self Service on UNIX

This procedure describes how to install Control-M Self Service on a Control-M/EM server on UNIX.

Before you begin

- Ensure that the database server that contains the Control-M/EM database is up and running.
- Verify that either the default web server port 18080 or another configured port that you want to use is open.

➢ To install Control-M Self Service on UNIX:

1. Mount the installation CD from the root user and log off the root user before continuing with the installation.
2. Log in to the Control-M/EM account.
   
   NOTE: If you are using the Graphical User Interface, set the environment variable DISPLAY to value <hostName>:0.0. It is not necessary to set DISPLAY for console mode or silent mode. (For more information, see Setting environment variables in UNIX.)
3. Type the following command:
   
   <cdPath>/setup.sh
4. Follow the on-screen instructions until the installation is complete.
   
   In the last screen of the installation you will find the URL to provide to users for accessing the Control-M Self Service web component.
   
   You can also find the URL by opening the Control-M Configuration Manager, and under All Components, select and right-click Web Server, and Web server URLs.
5. To verify installation, open the Control-M Configuration Manager, and verify that Self Service Server and Web Server components are with a state of Up.

Service definitions and rules

Users of Self Service view their jobs through services that are created in the Service Definition Manager or through the job search panel.
In the Service Definition Manager, you can create, edit, and delete the following entities:

- **Service definitions**: Service definitions determine which jobs and services are visible to Self Service users. A service is a group of one or more jobs that are aggregated based on job filtering criteria, Order date, SMART folder, or a job.

  You can create services for specific jobs within a broader process, such as just the calculations in an inventory process, or just the file transfers. If you need a service for an ad-hoc requirement, such as generating a report, you can create an orderable service.

  **EXAMPLE**: You can create a service for a subsystem of the HR application called HR_Sb1, which includes all calculation jobs associated with the HR application, and that include the prefix Sb1 in their job names.

- **Service Rules**: You can create a service rule to automatically generate new services based on filtering and grouping criteria, rather than create individual services one by one. Every time a new job matches the service rule criteria, it is added to a newly created service.

  **EXAMPLE**: Using the example above, if the first three characters in the job names of the HR application represent the HR subsystem, you can create one rule that will instantly create a service for each subsystem in the HR application regardless of the number of subsystems that exist, without the need to define a service definition for each subsystem. The service rule will analyze all the jobs in the HR application, and adjoin the jobs to services according to their first three characters.

---

### Creating a service definition

This procedure describes how to create a service definition in the Control-M Workload Automation client.

1. **To create a service definition:**
   1. Open the Control-M Workload Automation client.
   2. From the **Tools** domain, select **Service Definitions**.

      The **Service Definition** window appears.

   3. Select **New Service Definition**.

      The **Service Definition** dialog box appears.

   4. In the **Name** and **Description** fields, type the name and description of the service.

   5. Select one of the options described in **Service options** (on page 9).

   6. Click **Next**.

      The **Selection** window appears.

   7. Select the jobs that you want to attach to this service by doing one of the following:

      - If you selected **Service based on filter** or **Service per ODAT based on filter**, type or select the required values, as described in Parameters, click **Advanced Filtering**, and go to step 8.

      - If you selected **Service per SMART Folder** or **Service per job**, type or select the required values, as described in Parameters, and go to step 9.

   8. To add a filter, which includes or excludes jobs, do the following in the **Including Terms** or **Excluding Terms** area:
a. In the **Field** column, select a job property.
b. In the **Operator** column, select the operator that you want to use.
c. In the **Value** column, type a value for the job property.
d. Repeat step a through step c as necessary.
e. If you want to add another group of fields which, when met, can include more fields, even if the other group of fields do not meet the conditions, click ✂.
   
   Jobs that match the excluding filter are not included in the service, even if they match the including filter. The service only includes jobs that match the including filter, but don't match the excluding filter.

9. Click **Next**.

   The **Orderable Parameters** window appears.

10. Click ✅.

    The **Orderable Parameter** dialog box appears.

11. Type or select the required values, as described in **Orderable Parameter fields** (on page 11), and then click **OK**.

    Orderable parameters can be used to send variable parameters to the SMART Folder or job of the service when a service is ordered by a Control-M Self Service user.

12. Click **Finish**.

    The service definition is created and added to the **Service Definition Manager**.

## Service options

The following table describes options for creating a service:
**NOTE:** Control-M Self Service users cannot hold or release services that are not based on a job or a SMART folder.

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service based on filter</td>
<td>Determines which jobs are part of a service based on the selected filters. For a detailed description of these filters, see Parameters.</td>
</tr>
<tr>
<td>Service per ODAT based on filter</td>
<td>Creates a separate service instance for all jobs that matches the selected filters and have different ODAT values.</td>
</tr>
<tr>
<td>Service per SMART Folder</td>
<td>Creates a separate service instance for every instance of a SMART Folder, defined in the Filter tab, which enters Active Jobs.</td>
</tr>
<tr>
<td></td>
<td>To group jobs to a SMART Folder, see Creating a job and Creating a regular folder.</td>
</tr>
<tr>
<td></td>
<td>Ensure that each orderable service is a unique entity, and not dependent on conditions from another service.</td>
</tr>
<tr>
<td>Service per job</td>
<td>Creates a separate service instance for every instance of a job, defined in the Filter tab, that enters Active Jobs.</td>
</tr>
<tr>
<td>Orderable</td>
<td>Enables users from the Self Service web/mobile clients to order this service to the active environment.</td>
</tr>
<tr>
<td></td>
<td>This feature is enabled only if you select <strong>Service per SMART Folder</strong> or <strong>Service per job</strong>. For these service types, a specific SMART folder or job is ordered when the service is ordered.</td>
</tr>
<tr>
<td></td>
<td>If you select this option, the <strong>Orderable Parameters</strong> tab appears.</td>
</tr>
</tbody>
</table>
Orderable Parameter fields

The following table describes orderable parameters to set when creating a new orderable service:

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Defines the Variable name of the service parameter</td>
</tr>
<tr>
<td>Display Name</td>
<td>Defines the display name of the Variable that appears for the Control-M Self Service end user when ordering a service</td>
</tr>
<tr>
<td>Type</td>
<td>Determines whether the Variable is a string, integer, Yes/No or is a enumerated value</td>
</tr>
<tr>
<td>Required</td>
<td>Determines whether a Control-M Self Service user must enter a value for this service parameter</td>
</tr>
<tr>
<td>Validation</td>
<td>Determines the possible values based on the selected parameter type:</td>
</tr>
<tr>
<td></td>
<td><strong>Note:</strong> For enumerated fields, possible values must be separated by a comma. For Yes/No fields, the value determines the Variable value that is used when the user selected <strong>Yes</strong> or <strong>No</strong> when ordering the service.</td>
</tr>
<tr>
<td>Default Value</td>
<td>Shows the default value of the Variable, as defined in the job or SMART folder definition</td>
</tr>
</tbody>
</table>

Creating a service rule

This procedure describes how to create a service rule, which enables you to manually or automatically generate services for jobs.

➢ **To create a service rule:**

1. From the **Tools** domain, select **Service Definition Manager**.
   - The **Service Definition Manager** window appears.
2. Click **New Service Rule**.
   - The **Service Rule** wizard appears.
3. In the **Name** and **Description** fields, type the name and description of the service rule.
4. Do one of the following:
   - If you want Control-M/EM server to automatically generate services by inspecting the jobs in Active Jobs, leave the **Active** checkbox selected, and click **Next**.
If you want to manually create services for job definitions, clear the Active checkbox, and click Next.

The Selection window appears.

5. Apply filters on jobs that are relevant for the service rule, and then click Next.

For a detailed description of these fields, see Parameters. If you want more job filters, select More.

The Grouping window appears.

6. Select one of the following:
   
   • **Group jobs to services according to:** Determines which jobs are part of a service based on the selected fields. For a detailed description of these fields, see Parameters
     
     For each grouping field, you can determine whether the grouping is according to the entire value of the field, or according to the first or last letters of the field's value.
     
     **EXAMPLE:** If you group by the first 3 letters of the Application field, jobs with Application BACKUP01 and BACKUP02 will be in the same service, but jobs with Application BATCH_J O B S will be in a different service.
   
   • **Generate service per SMART Folder:** Generates a separate service instance for every SMART folder that enters Active Jobs that matches your filtering criteria.
   
   • **Generate service per job:** Generates a separate service instance for every job that enters Active Jobs that matches your filtering criteria.

7. Click Next.

The Properties window appears.

8. Define a format for service name and description of the generated service definitions.

The maximum character length for the service name is 200 and 400 for the description. You can use field placeholders which are replaced by actual job attributes in the generated services.

**EXAMPLE:** The format name Service for {Application} in {Sub-application} creates a service named Service for app1 in Sub-app1 that contains jobs with Application=app1 and Sub-application=sub-application1.

If you group according to the first or last letters of the field's value, the placeholder is replaced by the first or last letter. In the first example of this procedure, Service for {Application} is replaced with Service for BAC and Service for BAT for the two generated services.

9. Do one or more of the following:
   
   • To enable Control-M Self Service users to order the generated services, select the Orderable checkbox.
     
     This option is only enabled if you selected Generate service per SMART Folder or Generate service per job in the Grouping window and the Active checkbox is not selected in the General window.
   
   • To automatically add orderable parameters to the generated orderable services, select the Add automatically orderable parameters to each service.
     
     The generated parameters are taken from the Variables of a service's SMART Folder or job definition. This option is only enabled if the Orderable checkbox is selected.
• To generate a separate service instance for each ODAT, select **Service Instance Per ODAT**. This option is only enabled if you selected **Group jobs to services according to** in the **Grouping** window.

10. Do one of the following:

• If the **Active** checkbox in the **General** window is not selected and you want to manually create service definitions from the service rule, see Generating services from a rule.

• If the **Active** checkbox in the **General** window is selected and you want to automatically create service definitions from the service rule, click **Finish**.

The service definitions are automatically created. When a job that belongs to a service rule enters **Active Jobs**, the service appears in Control-M Self Service.

Services that are automatically generated for active rules are maintained by the Control-M/EM server and do not appear in the **Service Definition Manager** window. They are only visible in Control-M Self Service.

• To review the possible services, click **Next**. The **Review Services** window appears.

11. To view the jobs in each service:

• To view jobs of the selected service that are in the active jobs database, select **Active**.

• To view jobs of the selected services that are not in the active database, select **Definition**.

The service rule is saved and appears in the **Service Definition Manager**.

**Service authorizations**

Service authorizations grant users or groups of users access to view services, perform job actions, order, hold, and release services.

When you add a service user authorization, the user automatically receives permission to view orderable and non-orderable services that the user ordered.

**NOTE:** BMC Batch Impact Manager services appear by default in the Control-M Self Service GUI application and override any service authorization limitation.

**NOTE:** If you want to utilize LDAP/active directory for adding your users, see Defining LDAP system parameters.

The following procedures describe how to assign, edit, and delete service authorizations:

- Assigning a Service authorization (on page 14)
- Editing a Service authorization
- Deleting a Service authorization
Assigning a Service authorization

This procedure describes how to assign a Service authorization for a Control-M/EM user or group, which enables you to limit the actions a user can perform on a Service.

The options in the **Active** area of the **Services** window define the permissions that the specified user/user group can perform on a service in the Control-M Self Service GUI application. The options in the **Definitions** area of the **Services** window determines the access level on a service in the Service definition manager.

➢ **To assign a Service authorization:**

1. Open the Control-M Configuration Manager.

2. From the **Tools** menu, select **Security > Control-M/ EM Authorizations**.
   The **Control-M/ EM Authorizations** window appears.

3. Do one of the following:
   - If you want to define a Service authorization for a Control-M/EM user, select the **Users** tab and double-click the user that you want to apply an authorization.
   - If you want to define a Service authorization for a Control-M/EM group, select the **Group** tab and double-click the group that you want to apply an authorization.

4. Select the **Services** tab and click .
   The **User Authorizations: Services** dialog box appears.

5. In the **Service** field, type the names or name patterns for services.
   You can use pattern matching strings and an * to denote all values, as described in Pattern matching strings.

6. In the **Active** area, select all the permissions and access level that apply to this user, as described in **Service authorizations field descriptions** (on page 15). and then click OK.
   When you add a service user authorization, the user automatically receives permission to view non-orderable services and orderable services that the user ordered.
   The Service authorization appears in the **User Authorization: <Control-M/EM user>** window.
Service authorizations field descriptions

The following table describes Service authorizations field descriptions.

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
</table>
| Drill Down to view jobs                    | Enables the user to view jobs in Control-M Self Service and Control-M Workload Automation.  
To enable this permission, you need to select at least a Browse access level from the Active tab, as described in Active authorizations. |
| Run orderable services                     | Enables the user to order a service in Control-M Self Service. To enable this permission, you need to associate this user to the Run as User of the service in the Owner tab, as described in Run as user authorizations. |
| Hold                                       | Enables the user to hold a service, which stops the service from running.  
To enable this permission and other job actions, you need to select the required permissions for this user from the Active tab, as described in Active authorizations. |
| Release                                    | Enables the user to release a service, which frees it from being held and is available to run again.  
To enable this permission and other job actions, you need to select the required permissions for this user from the Active tab, as described in Active authorizations. |
| View orderable services that were started by other users | Enables the user to view services that were ordered by other users  |
| Access Level                               | Determines one of the following access levels for each user and group:  |
|                                            | - **None**: Disables the user from viewing, adding, editing, and deleting objects in Control-M Workload Automation  |
|                                            | - **Browse**: Enables the user to view and refresh objects in Control-M Workload Automation  |
|                                            | - **Update**: Enables the user to add and edit objects in Control-M Workload Automation  |
|                                            | - **Full**: Enables the user to add, edit, and delete objects in Control-M Workload Automation  |
Control-M Self Service web component security

The Control-M Self Service web component supports communicating with the Control-M/EM GUI Server with SSL using JacORB implementation of CORBA.

SSL parameters for JacORB can be found in the `jacorb.properties` file located in the following directory:

\<Control-M/EM_directory\>/etc/jacorb.properties

For a description of SSL parameters for JacORB in the jacorb.properties file, see SSL parameters for JacORB (on page 16).

**NOTE:** For information on creating a keystore for use with the Control-M Self Service web component, see Exporting or importing private/public keys.

SSL parameters for JacORB

The following table describes SSL parameters for JacORB in the jacorb.properties file.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>jacorb.security.support_ssl</code></td>
<td>Indicates whether SSL is enabled. Valid values: on (use the SSL protocol), off (use the TCP/IP protocol). Default: off.</td>
</tr>
<tr>
<td><code>jacorb.security.keystore</code></td>
<td>Contains the full path and name of the keystore file.</td>
</tr>
<tr>
<td><code>jacorb.security.keystore_password</code></td>
<td>Contains the keystore file password.</td>
</tr>
</tbody>
</table>

Configuring Control-M Self Service web component to work with SSL

This procedure describes how to configure Control-M Self Service web component to work with SSL.

➢ To configure Control-M Self Service web component to work with SSL:

1. In the `jacorb.properties` file, set the `jacorb.security.support_ssl` parameter to on.
2. JacORB SSL clients on IBM must set the following parameters in `jacorb.properties` file (for IBM JSSE implementation):
   - `jacorb.security.jsse.server.key_manager_algorithm=IbmX509`
   - `jacorb.security.jsse.server.trust_manager_algorithm=IbmX509`
   - `jacorb.security.jsse.client.key_manager_algorithm=IbmX509`
   - `jacorb.security.jsse.client.trust_manager_algorithm=IbmX509`
The default value for all the above parameters above is SunX509 (Sun JSSE implementation).

3. Continue with Configuring Control-M/EM Web Server to work with HTTPS

Defining Control-M Self Service parameters

This procedure describes how to define Control-M Self Service system parameters, such as site language, color, and logo path.

➢ To define Control-M Self Service parameters:

1. Open the Control-M Configuration Manager.
2. From the Tools menu, select System Configuration > Control-M/EM System Parameters.
   The Control-M/EM System Parameters dialog box appears.
3. In the left pane, click Self Service.
4. For each field, type the required value, as described in Control-M Self Service system parameters (on page 18).
5. Click Activate Changes.
6. To change Control-M Self Service parameters, click Advanced.
   For more information about the Control-M Self Service parameters, see Control-M Self Service parameters (on page 20).
The following table describes Control-M Self Service system parameters. To define these parameters, see *Defining Control-M Self Service parameters* (on page 17).

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Logo Path</td>
<td>Defines the location of your organization’s logo that is displayed in the Control-M Self Service site.</td>
</tr>
<tr>
<td><strong>Example:</strong> D:\images\logos\SLS_Custom_Logo.png</td>
<td>Note the following:&lt;br&gt;▪ The maximum size is 100w X 20h pixels.&lt;br&gt;▪ The logo file must be in png or jpg format.</td>
</tr>
<tr>
<td>Site Login Logo Path</td>
<td>Defines the Login Logo path, where the site login logo is located.</td>
</tr>
<tr>
<td>Background Color</td>
<td>Determines the background color of the Control-M Self Service site.</td>
</tr>
<tr>
<td>Site Interface Language</td>
<td>Determines the language of the Control-M Self Service site.</td>
</tr>
<tr>
<td>Refresh Rate</td>
<td>Determines the number of seconds that the service automatically refreshes the jobs and services in the Control-M Self Service site.</td>
</tr>
<tr>
<td>Maximum number of jobs in Tile view</td>
<td>Determines the maximum number of jobs that can appear in Tile view of the Jobs view in the Control-M Self Service site.</td>
</tr>
<tr>
<td></td>
<td>If there are more jobs in the service than the number defined here, you might experience low performance. When the number of jobs exceed its limitation, a warning message appears and the user is prompted to select Simple Tile view.</td>
</tr>
<tr>
<td>Maximum number of jobs in Simple Tile view</td>
<td>Determines the maximum number of jobs that can appear in Simple Tile view of the Jobs view in the Control-M Self Service site.</td>
</tr>
<tr>
<td></td>
<td>If there are more jobs in the service than the number defined you might experience low performance. When the number of jobs exceed its limitation, a warning message appears and the user is prompted to select List view.</td>
</tr>
<tr>
<td>Maximum number of services in view</td>
<td>Determines the maximum number of services that can appear in the Map view of the Services view in the Control-M Self Service site.</td>
</tr>
<tr>
<td></td>
<td>If there are more services than the number defined, you might experience low performance. When the number of services exceed their limitation, a warning message appears and the user is prompted to select List view.</td>
</tr>
<tr>
<td>Parameter</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td>exceed its limitation, a warning message appears and the user is prompted to select List view.</td>
</tr>
</tbody>
</table>
| Output automatic load limit      | Determines the size of the output (in bytes) that determines whether Control-M Self Service sends an output download confirmation message to the user.  
This occurs when the user attempts to download an output in the Control-M Self Service site. |
| Job Primary Field               | Determines whether the **JobName** or **MemName** is displayed as the title of the job.  
**Note:** If **JobName** or **MemName** is selected, then Control-M Self Service displays **JobName** for Distributed jobs and **MemName** for Control-M for z/OS jobs. |
| User Inactivity Timeout         | Determines the number of minutes that Control-M Self Service remains idle before the user is automatically logged out.                       |
| Administrator Mail              | Defines the Control-M Self service administrator email address that appears in login page                                                |
| Support/Helpdesk Info           | Describes general support information, such as help desk phone number and administrator extension that appears in the Control-M Self Service login page |
| Enabled Job Actions             | Determines whether the following job actions are enabled in the Control-M Self Service site:  
- Hold  
- Release  
- Confirm  
- Rerun  
- Restart  
- Kill  
- Order Now  
- Set to OK  
- Update  
- Archive Search |
Control-M Self Service Setup Guide

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service Rule Review Source</td>
<td>Determines whether the Service Rule wizard inspects one or more of the following for review in the Review and Generate Services window:</td>
</tr>
<tr>
<td></td>
<td>- Jobs Definition: Inspects the job definitions in the Control-M/EM server</td>
</tr>
<tr>
<td></td>
<td>- Jobs on Active Jobs database: Inspects the jobs in Active Jobs</td>
</tr>
</tbody>
</table>

Control-M Self Service parameters

After modifying Control-M Self Service parameters, stop and restart the Self Service Server component for the changes to take effect.

For a description of all other Control-M Self Service system parameters, see Defining Control-M Self Service parameters (on page 17).

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
</table>
| DetectInterval                   | Determines the interval for recalculating the status of a service.  
**Valid values:** Time in the format of HH:MM:SS  
**Default:** 00:01:00                                                                 |
| SLSUserName                      | Defines the username of the Control-M Self Service server when it connects to the GUI server.  
**Valid values:** String expression.  
**Default:** slsuser                                                                 |
| DisplayOrderAsIndependentFlow    | Determines if a flow in a folder is ordered uniquely. A unique suffix is added to every condition name. Order as independent flow checkbox appears in the Service Ordering window.  
**Valid values:** Checkbox  
**Default:** No                                                                   |