Contacting BMC Software

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United States and Canada

Address  
BMC SOFTWARE INC  
2103 CITYWEST BLVD  
HOUSTON TX  
77042-2827  
USA

Telephone  
 713 918 8800  
 800 841 2031

Fax  
713 918 8000

Outside United States and Canada

Telephone  
(01) 713 918 8800

Fax  
(01) 713 918 8000

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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

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Find worldwide BMC support center locations and contact information, including e-mail addresses, fax numbers, and telephone numbers

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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
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- (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.
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Introduction to Control-M Reports

Control-M Reports enables you to create and generate ad hoc reports. The data is collected from the Control-M/EM database and is displayed in a report type. These reports provide information on definitive and operational issues in your Control-M environment.

To create a report, see Creating a report from template (on page 12).

Control-M Reports includes the following categories:

- Active reports
- Batch Impact Manager reports
- Job Definition reports
- History reports

**NOTE:** History was previously called Forecast.

- File Transfer reports

For more information on each report type, see Report categories (on page 23).

Each category is organized into report types. For example, the Active category includes Alerts, Audit, Active jobs and Extreme Peaks Usage report types. Each report is unique, depending on the report type you choose. You can customize each report with the following options:

- **Filters:** Define what data you want to display in the report. The filters can be specific parameter values, specific Control-M/Servers, and specific time ranges. The filter options vary depending on the report type you choose. For more information on the different filter options, see Filter options (on page 16).

- **Columns:** Choose which columns you want to appear in the report. Each column is a specific field.

- **View:** Customize your view by defining how your selected fields are grouped and sorted in the report.

After you have defined the criteria for your report, you can generate it, as described in Generating a report (on page 15). Depending on user authorizations, not all data is displayed in the report results.

**NOTE:** Control-M Reports supports Acrobat (*.pdf) and Comma Separated Values (*.csv) output.

Control-M Reports uses Control-M Automation API, which enables you to generate ad hoc reports, which are in JSON format. The data is collected from the Control-M/EM database and is displayed in a report type. These reports provide information on definitive and operational issues in your Control-M environment. To define a Control-M Report job, see Control-M Reports job definition (on page 27).

The reports are stored on the Control-M/EM Server. The Administrator can change the number of days to retain the report, the number of concurrent reports that can be generated and various other options, as described in Report parameters.
Control-M Reports User Guide

Control-M Reports replaces the Control-M Reporting Facility. Control-M Reporting Facility used Crystal Reports but these reports can no longer run in version 9.0.18 and above and need to be converted to Control-M Reports. For information about converting your data and reports to Control-M Reports, see Control-M Reporting Facility migration. Migration includes utilities which need to run in the old environment where the Crystal Reports engine is installed.

For a comparison of the Control-M Reporting Facility and Control-M Reports, see Control-M Reporting Facility comparison (on page 8).

Control-M Reporting Facility comparison

The following topics describe the Reporting types and operator comparison between Control-M Reporting Facility and Control-M Reports:

- Key differences between the versions (on page 8)
- Operator comparison (on page 10)

Key differences between the versions

Control-M/EM versions 9.0.18 and above contain several enhancements that might influence your reports. Below is a summary of the main differences between the old Control-M Reporting Facility and the new Control-M Reports.

<table>
<thead>
<tr>
<th>Old Reporting Tool Type</th>
<th>Old Reporting Tool Sub Type</th>
<th>New Control-M Reports - Category</th>
<th>New Control-M Reports - Report Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>Alerts</td>
<td>Active</td>
<td>Alerts</td>
</tr>
<tr>
<td></td>
<td>Extreme Peaks Usage</td>
<td>Active</td>
<td>Extreme Peaks Usage</td>
</tr>
<tr>
<td></td>
<td>Managed Servers</td>
<td>Active</td>
<td>Managed Servers</td>
</tr>
<tr>
<td></td>
<td>Workload Distribution</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>Users Authorization</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Active</td>
<td>Active Jobs</td>
<td>Active</td>
<td>Active Jobs</td>
</tr>
<tr>
<td></td>
<td>Quantitative Resources</td>
<td>Active</td>
<td>Quantitative Resources</td>
</tr>
<tr>
<td></td>
<td>Control Resources</td>
<td>Active</td>
<td>Control Resources</td>
</tr>
<tr>
<td></td>
<td>Prerequisite Conditions</td>
<td>Active</td>
<td>Prerequisite Conditions</td>
</tr>
<tr>
<td></td>
<td>Active Links</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>Active Manual</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Old Reporting Tool Type</td>
<td>Old Reporting Tool Sub Type</td>
<td>New Control-M Reports - Category</td>
<td>New Control-M Reports - Report Type</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-----------------------------</td>
<td>---------------------------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>Audit</td>
<td>Custom Audit</td>
<td>Active</td>
<td>Audit</td>
</tr>
<tr>
<td></td>
<td>WCM Request</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>BMC Batch Impact Manager</td>
<td>Service-Jobs</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>SLA Analysis History Detailed</td>
<td>Batch Impact Manager</td>
<td>BIM</td>
</tr>
<tr>
<td></td>
<td>Job-Services</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Definition</td>
<td>Jobs Definitions</td>
<td>Jobs</td>
<td>Jobs Definition</td>
</tr>
<tr>
<td></td>
<td>Folders Definitions</td>
<td>Definition</td>
<td>Folders Definitions</td>
</tr>
<tr>
<td></td>
<td>Links Definition</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>Manual Definitions</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>Definition</td>
<td>In Conditions</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Out Condition</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Jobs Variables</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Control Resource</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Quantitative Resource</td>
</tr>
<tr>
<td>Forecast Analysis</td>
<td>Execution</td>
<td>History</td>
<td>Jobs Execution</td>
</tr>
<tr>
<td></td>
<td>Workload</td>
<td>History</td>
<td>Workloads</td>
</tr>
<tr>
<td></td>
<td>Trend Analysis</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**NOTE:** There is no option to display nested columns, such as conditions, and variables. If needed, use one of the new Definition Sub Types.
Operator comparison

The following table compares the filter operators between the old Control-M Reporting Tool and the new Control-M Reports.

<table>
<thead>
<tr>
<th>Old Reporting Tool</th>
<th>New Control-M Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>=</td>
<td>Is</td>
</tr>
<tr>
<td><strong>NOTE:</strong> You cannot separate values by comma. If required, use one of the following operators:</td>
<td></td>
</tr>
<tr>
<td>▪ Any of the following</td>
<td></td>
</tr>
<tr>
<td>▪ None of the following</td>
<td></td>
</tr>
<tr>
<td>!=</td>
<td>Is not</td>
</tr>
<tr>
<td><strong>NOTE:</strong> You cannot separate values by comma. If required, use one of the following operators:</td>
<td></td>
</tr>
<tr>
<td>▪ Any of the following</td>
<td></td>
</tr>
<tr>
<td>▪ None of the following</td>
<td></td>
</tr>
<tr>
<td>&lt;</td>
<td>Less than</td>
</tr>
<tr>
<td>&gt;</td>
<td>Greater than</td>
</tr>
<tr>
<td>&lt;=</td>
<td>Less or equals to</td>
</tr>
<tr>
<td>&gt;=</td>
<td>Greater or equals to</td>
</tr>
<tr>
<td>LIKE</td>
<td>Like</td>
</tr>
<tr>
<td>You can use any of the following:</td>
<td></td>
</tr>
<tr>
<td>▪ <code>&lt;character&gt;</code>: Finds the value of the character. For example, a finds the value a.</td>
<td></td>
</tr>
<tr>
<td>▪ <code>&lt;character&gt;</code><em>: Finds any value that starts with the character. For example, a</em> searches for any value that starts with a.</td>
<td></td>
</tr>
<tr>
<td>▪ <code>*&lt;character&gt;</code>: Finds any value that ends with the character. For example, a searches for any value that ends with a.</td>
<td></td>
</tr>
<tr>
<td>▪ <code>*or*</code>*: Finds any value that that has or in any position.</td>
<td></td>
</tr>
<tr>
<td><strong>NOTE:</strong> You cannot separate values by comma. If required, use one of the following operators:</td>
<td></td>
</tr>
<tr>
<td>▪ Any of the following</td>
<td></td>
</tr>
<tr>
<td>▪ None of the following</td>
<td></td>
</tr>
</tbody>
</table>
The following operators are new in Control-M Reports:

- Not Like

  You can use any of the following:

  `<character>`: Ignores the value of the character. For example, `a` ignores the value `a`.

  `<character>*`: Ignores any value that starts with the character. For example, `a*` ignores any values that starts with `a`.

  `*<character>`: Ignores any value that ends with the character. For example, `*a` ignores any value that ends with `a`.

  `*or*`: Ignores any value that has or in any position.

- Any of the following

  **NOTE:** List of possible values are separated by comma. Accepts asterisk.

- None of the following

  **NOTE:** List of possible values are separated by comma. Accepts asterisk.
Report management

You can manage reports by performing the following procedures:

- Create a new report from a template, as described in Creating a report from template (on page 12).
- Edit a report, as described in Editing a report (on page 14).
- Copy a report, as described in Duplicating a report (on page 14).
- Generate a report, as described in Generating a report (on page 15).
- Delete a report as described in Deleting a report (on page 14).
- Export a report to a .Json file, as described in Exporting a report (on page 15).
- Importing a .Json file and then loading the file into Control-M Reports, as described in Importing a report from a file (on page 13).
- Share a report directly with other Control-M/EM users as described in Sharing a report (on page 15).

When sharing a report with other Control-M/EM users, if these users want to edit and save the changes they need to save it under a different name (Save As). They cannot make changes to the original. The user that created the shared report can only make changes and delete a shared report.

**NOTE:** A shared report must have a unique name, as you cannot have more than one shared report with the same name.

Before generating the report, you can preview the report’s initial results and verify the filtering criteria before generating the report by clicking Preview. By default, the initial results are limited to the first 25. You can change this in the CCM, by selecting Control-M/EM System Parameters in the Advanced section.

Creating a report from template

This procedure describes how to create a report type from a template, which enables you to create and generate a report based on a report type that suits your requirements.

➢ To create a report:

1. In Control-M client, from the Tools domain, in the Other Tools section, select Control-M Reports.
   
   The Control-M Reports window appears.

2. From the Control-M Reports window click Report and select Add New Report.
   
   The Add report from template pane appears.

3. Select the relevant report type

4. Click Add.
   
   The template appears with a default name and description.

5. Change the name and description of the report by clicking in the fields at the top of the window.
EXAMPLE: If you have chosen an Active jobs report, the default name is Active Jobs_1. Click on the name field and change the name.

6. In the Filter tab, define the data filter that you want to display in the report.

Filters can be specific parameter values, specific Control-M/Servers, and specific time ranges. The filter options vary depending on the report type you choose. For more information on the different filter options, see Filter options (on page 16).

7. In the Columns tab, select which fields you want to appear in the report by dragging and dropping the different fields from the Available Columns to the Visible Columns, and vice-versa. You can also change the order of the fields in the Visible Columns by dragging the field up or down in the list.

8. In the View tab, sort and group the fields you have chosen in the Columns tab by doing one or both of the following:
   - Click Add a sorting column.
     a. From the drop-down list select the field, and if you want to change the order, click either the \[\text{\textless}\] or \[\text{\textgreater}\] arrow to arrange the fields.
     b. To sort by additional fields, click Add a sorting column and repeat the same actions mentioned in the step above.
   - Click Add a grouping column (PDF only)
     NOTE: The Grouping is limited to five hierarchies.

9. To verify your customized report, before generating the report, click Preview in the bottom pane, and then click Refresh.

   NOTE: By default, the initial results are limited to the first 25.

10. Click Save.

11. To generate the report, click Generate.

Importing a report from a file

This procedure describes how to import a report from a file.

➢ To import a report from a file:

1. From the Tools domain, in the Other Tools section, select Control-M Reports.

   The Control-M Reports window appears.

2. From the Control-M Reports window click Report and select Load from file.

3. Navigate to the directory where the file is located and click Open.

   The Report now appears.

4. If you want to edit the report definitions, see Creating a report from template (on page 12).
Editing a report

This procedure describes how to edit an existing report in the Control-M Reports window.

➢ To edit a report:

1. In the **My Reports** section, select the report you want to edit.
2. Edit the relevant report definitions. For more information on the different report entities, see Creating a report from template (on page 12).
   
   **NOTE:** If you want to undo your changes click , and select Discard Changes.
3. Do one of the following:
   a. If you want to save the changes to the same report, click **Save**.
   b. If you want to make a copy of the report click **Save As**, and type a new name for the report.

Deleting a report

This procedure describes how to delete a report.

➢ To delete a report:

1. In the **My Reports** section, select the report you want to edit.
2. Click , and select Delete.
   
   A confirmation dialog box opens.
3. Click **Delete**.
   
   **NOTE:** If you have shared a report with other Control-M/EM users, the report is deleted for all users.

Duplicating a report

This procedure describes how to duplicate an existing report in the Control-M Reports window.

➢ To duplicate a report:

1. In the **My Reports** section, select the report you want to duplicate.
2. Edit your report as necessary.
   
   For more information on the different report entities, see Creating a report from template (on page 12).
3. Click **Save As**, and type a new name for the report.
   
   The duplicate appears in the list of reports in the relevant report type.
Generating a report

This procedure describes how to generate a report. Ensure that you are authorized to generate a report in the `RFAllowReportForJobLevelAuth` parameter in the CCM.

➢ To generate a report:

1. In the **My Report** section, select the report you want to generate and then click **Generate**.
   A dialog box appears.
2. Select a location for the generated report and the format.
   **NOTE:** The supported formats are CSV and PDF. You can rename the Report's file name.
3. Click **Save**.
4. To view the generated report, click ![view](image).
   **NOTE:** The output appears in the default browser of the file format. The link to view the generated report is only visible for the current Control-M Reports session. Although the reports are saved, the link does not show if you close and reopen Control-M Report.

Exporting a report

This procedure describes how to export a report in a .json file format. You can then import the file, as described in Importing a report from a file (on page 13).

➢ To export a report:

1. In the **My Reports** section, select the report you want to edit.
2. Click ![settings](image), and select **Export**.
   A dialog box opens.
3. Click **Save**.

Sharing a report

This procedure describes how to share a report, which enables you to share a report with other Control-M users without having to export and import a report.

➢ To share a report:

1. In the **My Reports** section, select the report you want to share.
2. Click ![settings](image), and select **Share With**.
   The **Share With** dialog box opens.
3. In the **Users** field, type the name of the Control-M user you want to share the report.
   **NOTE:** If you want to have multiple users, type a comma or press enter after each name. If you want all users type **ALL**.
4. Click **Save**.

**NOTE:** You cannot have a shared report in Control-M/EM with the same name.

## Filter options

The following table describes the filter options. The filter options depend on the report type you choose.

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add Filter</td>
<td>Defines the field to use for filtering data and the <strong>operators</strong> (on page 17) to use with the value specified in the text field. For each report sub-type, a list of fields appears in the drop-down list. You can add multiple filters.</td>
</tr>
<tr>
<td>Time Range</td>
<td>Filters the data according to the time criteria you specify from the drop-down list.</td>
</tr>
<tr>
<td>Network</td>
<td>Loads report data from the following network:</td>
</tr>
<tr>
<td></td>
<td>- Archived network on: Enables you to select available archived networks and view jobs that were running on that date</td>
</tr>
<tr>
<td></td>
<td>- Current active network: Enables you to view data on jobs that are currently running.</td>
</tr>
<tr>
<td></td>
<td>- Last day network: Enables you to view data from jobs that were running a day before.</td>
</tr>
<tr>
<td></td>
<td>Relevant for Active Jobs and Active Quantitative Resources, Control Resources, and Prerequisite Conditions.</td>
</tr>
<tr>
<td>Audit type</td>
<td>(Audit Report types only) Defines the type of Audit data to retrieve.</td>
</tr>
<tr>
<td>Audit operation</td>
<td>(Audit Report types only) Specifies which audit action to view in the report.</td>
</tr>
<tr>
<td>Show final state</td>
<td>(BIM Reports only) Shows only the final state of the service in the report and not all the states the service was in during its life cycle.</td>
</tr>
</tbody>
</table>
### Operators

The following table describes the filter operators:

**NOTE:** For a comparison of Control-M Reporting Facility and Control-M Reports operators, see [Operator comparison](on page 10).

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Is</td>
<td>Displays all values for the selected field that equal the value specified.</td>
</tr>
<tr>
<td></td>
<td><strong>NOTE:</strong> You cannot separate values by comma. If required, use one of the operators:</td>
</tr>
<tr>
<td></td>
<td>- Any of the following</td>
</tr>
<tr>
<td></td>
<td>- None of the following</td>
</tr>
<tr>
<td>Is not</td>
<td>Displays all values for the selected field that do not equal the value specified.</td>
</tr>
<tr>
<td></td>
<td><strong>NOTE:</strong> You cannot separate values by comma. If required, use one of the operators:</td>
</tr>
<tr>
<td></td>
<td>- Any of the following</td>
</tr>
<tr>
<td></td>
<td>- None of the following</td>
</tr>
<tr>
<td>Any of the following</td>
<td>Displays all values that are any of the listed values. You can specify more than one value, or set a relationship between the values (substring of *)</td>
</tr>
<tr>
<td>None of the following</td>
<td>Displays all values except the listed values. The relationship between the values is and. (substring *)</td>
</tr>
</tbody>
</table>
### Name | Description
--- | ---
**Like** | Displays all values that are a substring of the listed value. (app*)

You can use any of the following:
- `<character>`: Finds the value of the character. For example, `a` searches for the value `a`.
- `<character>%`: Finds any value that starts with the character. For example, `a%` searches for any values that starts with `a`.
- `%<character>`: Finds any value that ends with the character. For example, `% a` searches for any value that ends with `a`.
- `%or%`: Finds any value that has or in any position.

**NOTE:** You cannot separate values by comma. If required, use one of the operators:
- Any of the following
- None of the following

**Not like** | Displays all values that are not like the substring of the listed value. (app*)

You can use any of the following:
- `<character>`: Ignores the value of the character. For example, `a` ignores the value `a`.
- `<character>%`: Ignores any value that starts with the character. For example `a%` ignores any values that starts with `a`.
- `%<character>`: Ignores any value that ends with the character. For example `% a` ignores any value that ends with `a`.
- `%or%`: Ignores any value that has or in any position.
- Any of the following

**NOTE:** List of possible values are separated by comma. Accepts asterisk.
- None of the following

**NOTE:** List of possible values are separated by comma. Accepts asterisk.

**Greater than** | Displays all values that are numerically greater than the listed value.

**Greater than/Equals** | Displays all values that are numerically equal to or greater than the listed value.
### Name | Description
---|---
Lesser than | Displays all values that are numerically lesser than the listed value.
Lesser than/Equals | Displays all values that are numerically equal to or lesser than the listed value.

### Alerts report example

This is an example of an alerts report that displays data all unhandled alerts:

1. Type a name and a description for the report:

   ![Unhandled Alerts](image)

2. In the Filters tab, select Status from the drop-down list, the **Is not** operator, and **Handled** as the value:

   ![Filters](image)
3. In the Columns tab, drag and drop the following fields shown in the image below:

<table>
<thead>
<tr>
<th>Available Columns</th>
<th>Visible Columns</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alert ID</td>
<td>Application</td>
</tr>
<tr>
<td>Changed by</td>
<td>Control-M Server Name</td>
</tr>
<tr>
<td>Host ID</td>
<td>Status</td>
</tr>
<tr>
<td>Job Name</td>
<td>Sub Application</td>
</tr>
<tr>
<td>Message</td>
<td>Member Name</td>
</tr>
<tr>
<td>Notes</td>
<td>Severity</td>
</tr>
<tr>
<td>Order ID</td>
<td></td>
</tr>
<tr>
<td>Remedy Ticket</td>
<td></td>
</tr>
<tr>
<td>Run Counter</td>
<td></td>
</tr>
<tr>
<td>Run as User</td>
<td></td>
</tr>
<tr>
<td>Time</td>
<td></td>
</tr>
<tr>
<td>Update Time</td>
<td></td>
</tr>
</tbody>
</table>
4. In the View tab, sort by Control-M/Server, and group by severity:

<table>
<thead>
<tr>
<th>Filters</th>
<th>Columns</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sort by</strong></td>
<td></td>
</tr>
<tr>
<td>- Control-M Server Name</td>
<td>![Down Arrow]</td>
</tr>
<tr>
<td>+ Add a sorting column</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group by (PDF only)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>- Severity</td>
<td>![Down Arrow]</td>
</tr>
<tr>
<td>+ Add a grouping column</td>
<td></td>
</tr>
</tbody>
</table>

5. Click on the Preview pane at the bottom of the screen to see initial results of the report:

<table>
<thead>
<tr>
<th>Application Name</th>
<th>Control-M Server Name</th>
<th>Status</th>
<th>Sub Application Name</th>
<th>Member Name</th>
<th>Severity</th>
</tr>
</thead>
<tbody>
<tr>
<td>minor app 1</td>
<td>WIN-AWS-BMC</td>
<td>Not noticed</td>
<td>minor sub app 1</td>
<td></td>
<td>Very Urgent</td>
</tr>
<tr>
<td>Testing App</td>
<td>WIN-AWS-BMC</td>
<td>Not noticed</td>
<td>Testing Sub application</td>
<td></td>
<td>Very Urgent</td>
</tr>
</tbody>
</table>

6. Click Save.
7. Click Generate, and then select the file format:
Report categories

Control-M Reports provides different reports that you can generate to view specific information in your Control-M environment. There are several categories, which includes a many report types that are unique, depending on the report type you choose.

Control-M Reports include the following categories:

- **Active** (on page 23): Collects data from the Active jobs database or from an active environment in the past (archived nets), and all other Control-M-related information such as alerts, and audits.
- **Batch Impact Manager** (on page 24): Collects data for execution status, service name and status, slack time, and total number of BIM jobs.
- **Definition** (on page 24): Collects data for job, folder, condition definition-related information in Job Properties Planning domain.
- **History** (on page 25): Job execution-related reports, only available if Forecast is installed.
- **File Transfer** (on page 26): Collects data about file transfers inside your organization and outside external users if B2B add-on is installed.

**NOTE:** Forecast has been renamed to History.

### Active

The Active report templates enable you to gather information on the following:

<table>
<thead>
<tr>
<th>Report</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alerts</td>
<td>Lists alerts generated in the Alerts window that match the time frame and filter rules.</td>
</tr>
<tr>
<td>Audit</td>
<td>Lists the results of auditing Control-M/EM server for operations of a selected audit type.</td>
</tr>
<tr>
<td>Active Jobs</td>
<td>Lists all jobs and job details determined by selection and display criteria. Take note that multiple jobs having the same name can be in the same or different folders.</td>
</tr>
<tr>
<td>Extreme Peaks Usage</td>
<td>Provides the highest number of tasks and executions that occurred on a single day on a single Control-M/Server during that period, and their breakdown by task type, Host ID, and application type.</td>
</tr>
<tr>
<td>Active - Quantitative Resources</td>
<td>Lists active Quantitative Resources and their attributes that meet the filter criteria.</td>
</tr>
</tbody>
</table>
Control-M Reports User Guide

<table>
<thead>
<tr>
<th>Report</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active - Control Resources</td>
<td>Lists active Control Resources and their attributes that meet the filter criteria.</td>
</tr>
<tr>
<td>Active - Prerequisite Conditions</td>
<td>Lists active Prerequisite Conditions and their attributes that meet the filter criteria.</td>
</tr>
<tr>
<td>Managed Servers</td>
<td>Lists all computers that are either hosting the various Control-M components or are used to run Control-M jobs for a specified time.</td>
</tr>
<tr>
<td></td>
<td>For each host, the report provides details of the computer’s number of CPUs, CPU type, OS type, and version. Additionally, a summary is included in the report, which counts the number of hosts for each combination of number of CPUs plus CPU type.</td>
</tr>
<tr>
<td></td>
<td>The summary in the Managed Servers report shows all nodes that are relevant to the specified time frame, so multiple details per host might appear for multiple reports. Each node has a time frame that is part of a whole period.</td>
</tr>
</tbody>
</table>

Batch Impact Manager

The Batch Impact Manager report templates enable you to gather information on the following:

<table>
<thead>
<tr>
<th>Report</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIM</td>
<td>Lists BIM related information such as execution status, service name and status, slack time, and total number of BIM jobs.</td>
</tr>
</tbody>
</table>

Definition

The Definition report templates enable you to gather information on the following:

<table>
<thead>
<tr>
<th>Report</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jobs Definitions</td>
<td>Lists statistic job/folder definitions that meet the filter rules.</td>
</tr>
<tr>
<td></td>
<td>It also includes a count of the number of jobs contained in the report. Note that in the case of multiple jobs, these can be from the same or different folders or SMART Folders.</td>
</tr>
<tr>
<td>Jobs Definitions - In Conditions</td>
<td>Lists job definitions with In Conditions that meet the filter criteria.</td>
</tr>
<tr>
<td>Report</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Jobs Definitions - Out Conditions</td>
<td>Lists job definitions with Out Conditions that meet the filter criteria.</td>
</tr>
<tr>
<td>Jobs Definitions - Variables</td>
<td>Lists job definitions with variables that meet the filter criteria.</td>
</tr>
<tr>
<td>Jobs Definitions - Shout</td>
<td>Lists job definitions with Shout messages that meet the filter criteria.</td>
</tr>
<tr>
<td>Jobs Definitions - Control Resource</td>
<td>Lists job definitions with Control Resources that meet the filter criteria.</td>
</tr>
<tr>
<td>Jobs Definitions - Quantitative Resource</td>
<td>Lists job definitions with Quantitative resources that meet the filter criteria.</td>
</tr>
<tr>
<td>Folder Definitions</td>
<td>Lists all folders and folder details that meet the filter criteria.</td>
</tr>
<tr>
<td>WCM</td>
<td>Lists the results of Workload Change Manager audit activities that meet the filter criteria.</td>
</tr>
<tr>
<td></td>
<td>You can review changes in a request, audit when and what changes are requested, and by which user. The workspace must be checked-in for the report data to be available.</td>
</tr>
</tbody>
</table>

**History**

The History report template enables you to gather information on the following:

**NOTE:** History was previously called Forecast.

<table>
<thead>
<tr>
<th>Report</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jobs Executions</td>
<td>Lists the jobs execution with information, such as start time, end time, and average run time. You can group execution information by time segment.</td>
</tr>
<tr>
<td>Workloads</td>
<td>Lists the total number of names of jobs that ran during a specific time frame on a particular day and each job's statistic.</td>
</tr>
</tbody>
</table>
## File Transfer

The File Transfer report templates enable you to gather information on the following:

<table>
<thead>
<tr>
<th>Report</th>
<th>Description</th>
</tr>
</thead>
</table>
| MFT    | Lists all MFT files that are transferred and their details, such as source and destination path, host, status, and transfer times. The list includes both internal and external file transfers to and from the gateway (if using the B2B add-on).  
**NOTE:** Available from Control-M/EM version 9.0.18.001 and above. |
| B2B    | Displays the Control-M for MFT B2B audit report, which includes B2B operations, system configurations and connections.  
**NOTE:** Available from Control-M/EM version 9.0.18.001 and above. B2B needs to be installed and the Hub Activated. |
Control-M Reports job definition

Defining and running a Control-M Report job in Control-M client is a 3-part process which consists of the following:

- Installation and configuration of Control-M Automation API, as described in Control-M Workload Automation API Installation (https://docs.bmc.com/docs/display/public/workloadautomation/Control-M+Automation+API+-+Installation).
- Define a report job command in the CLI, as described in Defining a Control-M Report job in the CLI (on page 27).
- Define an OS job in Control-M client with the command defined in the CLI, as described in Defining a Control-M Report in Control-M client (on page 29).

**NOTE:** You can also create a Control-M Report job type by using Control-M Application Integrator. You can use examples that have been created in the Control-M Application Hub (https://communities.bmc.com/groups/bmc-control-m-application-hub) and deploy the job type to Control-M client. For more information, see Importing a job from BMC Communities.


**NOTE:** You cannot run an existing Control-M Report job type or an OS job running the EMReportcli.exe command in Control-M client. You can view these jobs that were defined to run Control-M Reporting Facility reports.

Defining a Control-M Report job in the CLI

This procedure describes how to define a Control-M Report job in the CLI using Control-M Automation API.

**Before you begin**

Ensure that you install Control-M Automation API, as described in Control-M Workload Automation API Installation (https://docs.bmc.com/docs/display/public/workloadautomation/Control-M+Automation+API+-+Installation).

➢ To define a Control-M Report job in the CLI:

- From the Command Line type the following:
  
  ctm reporting report::get [〈report name〉|shared:〈report name〉] [〈pdf|csv〉
  -o 〈output file〉]
**EXAMPLE:** To order report, Alerts1 in PDF, and to send the output to c:\tmp\alerts.pdf type the following:

```plaintext
ctm reporting report::get Alerts1 pdf -o c:\temp\alerts.pdf
```

**EXAMPLE:** To order a shared report, Alerts2 in csv and send to c:\tmp\alerts.csv

```plaintext
ctm reporting report::get shared:Alerts2 csv -o c:\temp\alerts.csv
```

**NOTE:** If your report name contains spaces, when typing the command, replace %20 between the spaces. For example, for Job Report 1, type Job%20Report%201. Remove any special characters, such as # in the report name.

For information about the parameters, see CLI parameters (on page 28).

### CLI parameters

The following table describes the parameters for defining a Control-M Report job in the CLI through the Control-M Workload Automation API.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Defines the name of the report you want to order.</td>
</tr>
<tr>
<td>Format</td>
<td>(Optional) Specifies the output format. Values: PDF, CSV</td>
</tr>
<tr>
<td></td>
<td><strong>NOTE:</strong> By default, the output format is in CSV. Use this parameter if you want to change to PDF, otherwise you can ignore. <strong>EXAMPLE:</strong> For CSV output type the following: ctm reporting report::get Alerts1 -o c:\temp\alerts.pdf</td>
</tr>
<tr>
<td>-o</td>
<td>(Optional) Specifies the full file name of the output file (which is overwritten if previously existed). <strong>EXAMPLE:</strong> If you want the output to be in the D:\alerts directory for alerts PDF, the output file path is D:\alerts.pdf <strong>NOTE:</strong> If you do not want the output to be placed in a directory, do not type -o and the path. The output is generated to a URL. <strong>EXAMPLE:</strong> ctm reporting report::get Alerts1 format pdf</td>
</tr>
</tbody>
</table>
Defining a Control-M Report in Control-M client

This procedure describes how to define a Control-M Report job in Control-M client, so you add capabilities, such as, scheduling, actions, and output, etc.

Before you begin

Ensure that you have installed Control-M Automation API and defined a Control-M Report job command in the CLI. For more information, see Control-M Reports job definition (on page 27).

➢ To define a Control-M Report:

1. From the Planning domain, select Blank workspace or open an existing workspace.
   A workspace appears.

2. From the Workspace tab, drag and drop the OS job type from the job palette into the workspace.

3. If the Control-M Server Selection dialog box appears, select the Control-M/Server for the job you are defining, and click OK.
   A job type is created in a new folder or in the existing folder in the workspace that you opened. The job properties appear in the right pane.

4. In the What field, from the dropdown list, select Command.

5. In the Command field, type the command that you have defined in the CLI to run the Control-M Report, as described in Defining a Control-M Report job in the CLI (on page 27)

6. Complete the remaining fields, as described in Using Control-M.

   NOTE: If you have previously defined a Control-M Report job type, open the Control-M Report and copy the relevant information.