Organize DMPs in Groups

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Audience

We prepared this material with specific expectations of you.

- You want to manage and organize your DMPs and presentation systems centrally and effectively.

Note

This material pertains to multiple releases of Cisco DMS.

5.2.0	5.2.1	5.2.2	5.2.3

Concepts

- Overview, page 13-1
- Understand the Effect of Nesting One DMP Group Inside Another, page 13-2

Overview

Features of the DMP Manager page can help you to:

- Organize your DMPs in groups.
- Manage DMPs collectively instead of managing only one DMP at a time.
- Deploy assets or instructions to DMPs immediately.
- Manage the presentation systems in your network.

When you choose options anywhere on the DMP Manager page, it is updated automatically to show the options and features that are relevant to your selection.

Table 13-1 Tasks That You Can Perform on the DMP Manager Page

Task	To Learn More
DMP Group Management Tasks	
View the group hierarchy and collapse or expand any of its levels	• Click a group in the DMP Groups tree to list its member DMPs in the DMP table. • Click a closed group to expand its level in the object selector. • Click an opened group to collapse its level in the object selector.
Add a new group	• Add and Edit DMP Groups, page 13-3.
Edit an existing group	• Understand the Effect of Nesting One DMP Group Inside Another, page 13-2.
Populate a group with DMPs	• Automatically, in a production network: Add and Edit DMP Groups, page 13-3. • Manually, in a lab: Add DMPs Manually to DMP Groups, page 13-4.
Delete a group	Delete DMP Groups, page 13-4.
Remove DMPs from groups	Remove DMPs Manually from DMP Groups, page 13-5.

Related Topics

- Top-Level Elements to Manage DMPs and DMP Groups, page 13-6

Understand the Effect of Nesting One DMP Group Inside Another

We recommend that you create DMP groups to organize your DMPs according to characteristics that they have in common, such as where or how you will use them, according to whatever logic works best for you. For example, the logical basis for your DMP groups might be geographic or corporate.

One DMP group can contain another. Each choice that you make for centralized management propagates from parent (DMP group), to child (DMP subgroup *or* DMP), to grandchild (DMP). There is no maximum number of levels that you can add to the hierarchy, but a simpler organization is more scalable than an unreasonably complex one would be.

We recommend that you do not assign any DMP to the root level in the hierarchy, due to the complexity of management, but we do not prevent you from doing this.

Procedures

- Add and Edit DMP Groups, page 13-3
- Delete DMP Groups, page 13-4
- Add DMPs Manually to DMP Groups, page 13-4
- Remove DMPs Manually from DMP Groups, page 13-5
- Filter the DMP List Table, page 13-5

Add and Edit DMP Groups

Note **DMM uses TCP port 7777 to communicate with DMPs.** This port is open on DMPs. You cannot close it.

When you create or edit a DMP group, the least that you must do is name the group. In addition, you can populate the group automatically with all of the DMPs in any NMAP address range that you specify, or you can manually add DMPs to a group.

Tip **You can save a named group for use in the future, even if you have not yet assigned any DMPs to it.**

Procedure

Step 1 Choose **Digital Media Players > DMP Manager**.

Step 2 Do either of the following.

- Click **Create Group**.
- Click a group to highlight it in the tree, and then choose **More Actions > Edit Group**.

Step 3 Enter a name and a description for the group.

Step 4 Define the network ranges from which to autoregister DMPs that should join this DMP group.

OR

You can skip this step if you will not autoregister DMPs now.

Tip **DMM runs each autodiscovery job one time.** It does not look continually in the specified network range for DMPs that you might add in the future. When you plan to add DMPs to your network continually, you can schedule an autodiscovery event to recur as often as necessary.

Step 5 Click **OK** to save your work.

Step 6 Stop. You have completed this procedure.

Related Topics

- Elements to Add or Edit DMP Groups, page 13-7

Delete DMP Groups

Procedure

Step 1 Choose **Digital Media Players > DMP Manager**.

Step 2 Navigate in the DMP Groups tree, expanding levels until you find the group.

Step 3 Click the group name in the tree.

Step 4 Choose **More Actions > Delete Group**.

Step 5 Click **OK** to delete the group.

OR

Click **Cancel** to stop this deletion.

Step 6 Stop. You have completed this procedure.

Related Topics

- Remove DMPs Manually from DMP Groups, page 13-5

Add DMPs Manually to DMP Groups

Procedure

Step 1 Choose **Digital Media Players > DMP Manager**.

Step 2 Navigate in the DMP Groups tree, expanding levels until you find a group that already includes the DMP.

Step 3 Click to highlight this group in the tree.

The DMP List table is refreshed. It now describes DMPs in your highlighted group.

Step 4 Click **Edit** in the row whose DMP should join a group.

The Edit DMP dialog box opens.

Step 5 Navigate in the DMP Groups tree, expanding levels until you find the group that should contain the DMP.

Step 6 Check that group's check box in the tree.

Step 7 Click **OK**.

Step 8 Stop. You have completed this procedure.

Related Topics

- Elements to Add DMPs Manually to a DMP Group, page 13-8

Remove DMPs Manually from DMP Groups

Procedure

Step 1 Choose **Digital Media Players > DMP Manager**.

Step 2 Navigate in the DMP Groups tree, expanding its levels until you find a group that should no longer include a DMP.

Step 3 Click to highlight this group in the tree.

The DMP List table is refreshed. It now describes DMPs in your highlighted group.

Step 4 Click **Delete** in the row whose DMP should leave a group.

Step 5 Choose **Remove DMP from Group**.

Step 6 Click **OK**.

Step 7 Stop. You have completed this procedure.

Related Topics

- Elements to Remove a DMP from a DMP Group, page 13-8

Filter the DMP List Table

Procedure

Step 1 Choose **Digital Media Players > DMP Manager**.

Step 2 Click the entry in the DMP Group tree for a group whose list of member DMPs you will filter.

Step 3 Choose one option from the Filter list, above the DMP List table.

The DMP List table straddles multiple pages when there are more DMPs than there are rows per page.

Step 4 (**Optional**) *Would you like to specify how many rows of data the table should load per page?* If so, choose the number of rows from the list below the table.

Step 5 (**Optional**) *Does the table straddle multiple pages?* If so, use pagination controls above the table to move between pages.

Step 6 Click **Go**.

Step 7 Stop. You have completed this procedure.

Related Topics

- Top-Level Elements to Manage DMPs and DMP Groups, page 13-6

Reference

- Software UI and Field Reference Tables, page 13-6
- FAQs and Troubleshooting, page 13-9

Software UI and Field Reference Tables

- Top-Level Elements to Manage DMPs and DMP Groups, page 13-6
- Elements to Add or Edit DMP Groups, page 13-7
- Elements to Delete DMP Groups, page 13-8
- Elements to Add DMPs Manually to a DMP Group, page 13-8
- Elements to Remove a DMP from a DMP Group, page 13-8

Top-Level Elements to Manage DMPs and DMP Groups

Navigation Path

Digital Media Players > DMP Manager

Table 13-2 Elements for Managing DMPs and DMP Groups

Element	Icon and Description
DMP Groups	
A hierarchical tree of DMP groups and subgroups. Here, you can create new groups, edit existing groups, and choose which DMPs the DMP List table should describe.	
Create Group	Shows the Create DMP Group pane.
Edit DMP Group	Shows the Edit DMP Group pane, where you can edit attributes of the group that you highlighted.
Delete Group	Deletes the group that you highlighted.
DMP List	
All DMPs at (or below) a level that you highlight in the DMP Groups tree. Or, the DMPs that match your filtering criteria. To see every registered DMP in your network, click the group that represents the root level. (By default, its name is "All DMPs" but this name is editable.) When there are more DMPs than there are rows, the list might straddle multiple pages. In this case, use pagination controls under the table to move from one page to another.	
Run Task	Opens a dialog box where you can choose commands or assets for delivery to DMPs.
Add DMP	Shows the Add New DMP pane.
Edit DMP	Shows the Edit DMP pane.
Delete DMP	Deletes the DMP that you highlighted.
Control TV	Opens the LCD Control dialog box.
Assign DMP to Group	Creates an association between at least one DMP and at least one group.
Remove DMP from Group	Severs the association between at least one DMP and at least one group.
Filter	A method to redraw the DMP List table, so that it includes only the DMPs that match your filter.

Table 13-2 Elements for Managing DMPs and DMP Groups (continued)

Element	Icon and Description
Display Number	The maximum number of rows that the table should show per page if it straddles multiple pages.
Status	Says whether a DMP is reachable. • A green icon tells you that the DMP is connected to a power source, uses a known IP address, and is reachable. • A red icon tells you that the DMP is unreachable.
Name	A unique and human-readable name that you entered or that DMM chose; If DMM chose the name, it is either the DMP IP address or MAC address.
IP	The public IP address at which the DMP receives instructions and data from DMM.
Version	The release number for the installed firmware version on the DMP.
Description	The description that you entered.
Internal Storage MB. (Total/Free)	Measures the total storage capacity of the internal flash drive, and then measures the available capacity.
External Storage MB. (Total/Free)	Measures the total storage capacity of the external USB drive, if the DMP is connected to one, and then measures the available capacity.
WAAS Status	Says that a DMP has mounted a CIFS share, or does not say anything.

Related Topics

- Add and Edit DMP Groups, page 13-3

Elements to Add or Edit DMP Groups

Navigation Path

Digital Media Players > DMP Manager

Table 13-3 Elements to Add and Edit DMP Groups

Element	Icon and Description
These elements load when you click Create Group or Edit Group under the DMP Groups tree.	
Name	A unique and human-readable name for the group.
Description	A brief description of the group and its purpose.

Related Topics

- Top-Level Elements to Manage DMPs and DMP Groups, page 13-6
- Add and Edit DMP Groups, page 13-3

Elements to Delete DMP Groups

Navigation Path

Digital Media Players > DMP Manager

Table 13-4 Element to Delete DMP Groups

Element	Icon and Description
This element loads above the DMP Groups object selector.	
Delete DMP Group	Deletes the group that you highlighted.

Related Topics

- Top-Level Elements to Manage DMPs and DMP Groups, page 13-6

Elements to Add DMPs Manually to a DMP Group

Navigation Path

Digital Media Players > DMP Manager

Table 13-5 Elements to Associate DMPs with a DMP Group

Element	Icon and Description
This element loads above the DMP List table.	
Assign DMP to Group	Creates an association between at least one DMP and at least one group.

Related Topics

- Top-Level Elements to Manage DMPs and DMP Groups, page 13-6
- Add DMPs Manually to DMP Groups, page 13-4

Elements to Remove a DMP from a DMP Group

Navigation Path

Digital Media Players > DMP Manager

Table 13-6 Elements to Remove a DMP from a DMP Group

Element	Icon and Description
This element loads above the DMP List table.	
Remove DMP from Group	Deletes the association between at least one DMP and at least one group.

Related Topics

- Top-Level Elements to Manage DMPs and DMP Groups, page 13-6
- Remove DMPs Manually from DMP Groups, page 13-5

FAQs and Troubleshooting

- FAQs, page 13-9

FAQs

Q. How many DMPs can I centrally manage from one DMM appliance?

A. Approximately 4,000. However, it is not possible to pinpoint an exact count that is correct for every organization. The ways that you use your DMPs affect their cumulative load on a DMM appliance.