



File Storage

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Concepts

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Understand Internal Storage Capacity



Caution

Do not open a DMP.

Internal storage is formatted to this capacity.

DMP Model	Storage Medium	Formatted Capacity
DMP 4305G	CF	2GB
DMP 4310G	SSD	32GB
DMP 4400G	SD	4GB

Performance Guidelines for Local Storage

We recommend that you do not upload files to the /tmp/ftproot subdirectory. Instead, use **/tmp/ftproot/usb_1**.

If you upload files to /tmp/ftproot accidentally, and then DMP performance suffers, you can restore your DMP to its normal operating condition easily. Just unplug it, wait 15 seconds, and then plug it in again.

**Note**

This method deletes the files that you uploaded.

Local Storage Restrictions for DMP 4310G

A DMP 4310G that uses an attached USB storage volume might corrupt or erase data on this attached volume. Likewise, a DMP 4310G might lose its ability to mount this attached volume. After the DMP reaches this general state, it sometimes reports incorrectly that the attached volume is still mounted and working.

These problems can occur when you disconnect the external volume from the upper USB interface on a DMP 4310G and then, without any delay, plug it immediately into the lower USB interface on the same DMP. However, these problems do not occur in every such case. In our tests, they occurred approximately 1 percent of the time.

To reduce your possible exposure to these problems, wait no less than 3 seconds after you connect or disconnect an attached volume, before you do the reverse. In our tests, this best practice eliminated the risk.

Restart the DMP if it merely unmounts its attached volume.

There is no workaround after the attached volume is erased or its data becomes corrupted. All that you can do after the fact is reformat the volume and restore its data from a recent backup.

Procedures

- [Define Storage Settings, page 11-2](#)

Define Storage Settings

- [Manage Permissions for Internal Storage, page 11-2](#)
- [Mount or Unmount a Network Share, page 11-3](#)

Manage Permissions for Internal Storage

You can set the permissions for internal storage in your DMP.

Procedure

- Step 1** Click **Internal Storage** in the Settings list.
- Step 2** View or edit the values, then click **Apply**.

After you click Apply, the entry or change takes effect. However, the previously defined value will return the next time that your DMP restarts.

- Step 3** (Optional) *Would you like to put all changed values into effect permanently, so that they persist even after your DMP restarts?* Choose **Administration > Save Configuration** and, when the Save Configuration page appears, click **Save**.

It is not necessary to restart your DMP.

- Step 4** Stop. You have completed this procedure.
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Related Topics

- [UI Reference: Elements to Define Internal Storage Settings, page 11-4](#)

Mount or Unmount a Network Share



Note

DMPs can mount only one shared volume at a time.

Procedure

- Step 1** Click **Manage WAAS Share** in the Administration list.
- Step 2** Enter or edit the required values, and then click **Apply**.
- Step 3** Do one of the following.
- Click **Mount Share** to connect your DMP to this network share immediately.
 - Click **Unmount** to disconnect your DMP from this share.
- Step 4** Stop. You have completed this procedure.
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Related Topics

- [UI Reference: Elements to Define Network Share Settings, page 11-4](#)
- [Enable or Disable Types of Access to Your DMP, page 8-6](#)

Reference

- [UI Reference Topics, page 11-3](#)

UI Reference Topics

- [UI Reference: Elements to Define Internal Storage Settings, page 11-4](#)
- [UI Reference: Elements to Define Network Share Settings, page 11-4](#)

UI Reference: Elements to Define Internal Storage Settings

Table 11-1 *Elements on the Internal Storage Page*

Element	Description
Present	Indicates whether the internal SD card is present. Note This value does not indicate anything about the presence of any external USB flash drives or USB hard drives that you might have mounted.
Access Mode	Indicates whether the internal SD card is writable or if it is read-only.
Capacity (in megabytes)	Shows the total capacity.
Free Space (in megabytes)	Shows the total free space.

Related Topics

- [Manage Permissions for Internal Storage, page 11-2](#)

UI Reference: Elements to Define Network Share Settings

Table 11-2 *Elements on the WAAS Share Settings Page*

Element	Description
Status	Says whether your DMP has a network share mounted now. If connection attempts have failed, says how many more times your DMP will try to mount the share.
Hostname/IP Address	The DNS-resolvable hostname or routable IP address of the CIFS share server. Note DMPs can mount only one shared volume at a time.
Shared Directory	The name of the CIFS share.
Domain (optional)	The WINS domain name.
Username	The username for mounting the share.
Password	The password that is associated with the username.