



**CUSTOMER
PARADIGM**
{LABS}

M2 DISK SPACE REPORT

User Guide



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Introduction

We've built a lightweight extension that provides notifications to the system admin (set using email addresses) on a Magento 2 site when the Disk Space is full. This notification keeps the admin user(s) constantly updated to prevent issues that could result from a full hard drive, such as site performance slowing down, corrupt MySQL databases, and more.

Compatible with:

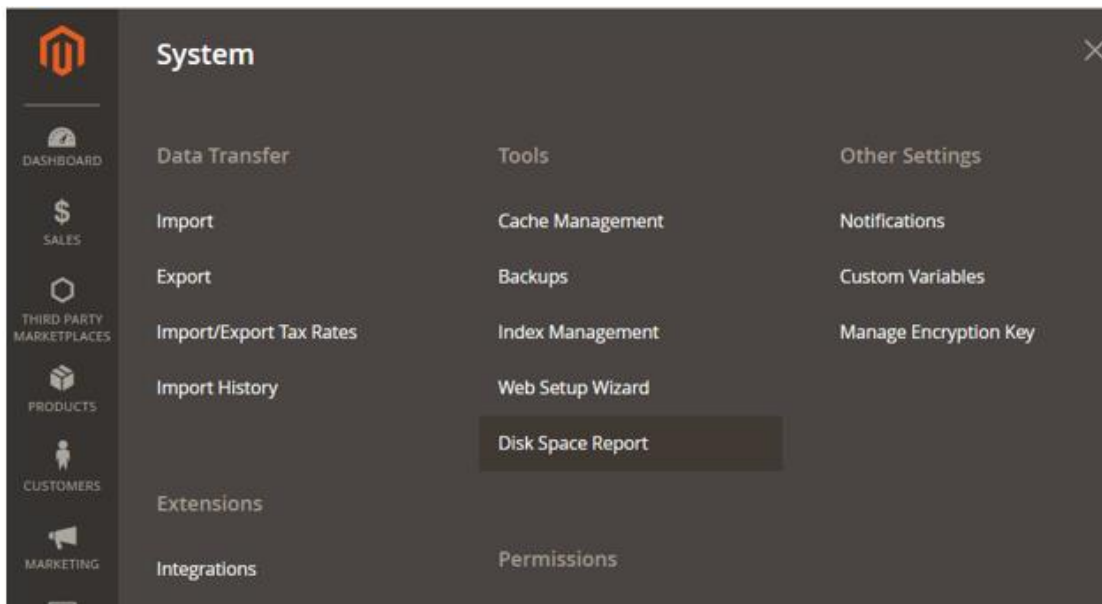
- **Magento Community Edition (CE):** 2, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.1.1, 2.1.2, 2.1.3, 2.1.4
- **Magento Enterprise Edition (EE):** 2, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.10, 2.11, 2.12, 2.1.1, 2.1.2, 2.1.3, 2.1.4

Admin Configuration for Magento 2 Disk Space Report Extension

The end user of your Magento 2 site will not see any part of this extension.

From the Magento admin, you will find the Disk Space Report Configurations:

System > Tools > Disk Space Report



Step 1: Disk Space Report Settings – Select Cron settings

On this page, you'll select when the Disk Space Report Extension will run.

First, you can select the status of the extension:

If you select “Enabled” then the system will run. If it’s disabled, it won’t run.

Second, you have numerous options to configure when the script will run. We’ve tried to make it as easy as possible to allow you to be able to set it to run for maximum flexibility.

NOTE: The Disk Space report time settings will use the time zone that you set for your main Magento 2 store.

- **Minute**

You can set the Disk Space Report to run every 15 minutes, at the start of each hour, 15 minutes after the hour, 30 minutes after the hour, or 45 minutes after each hour:

- **Hour**

You can set the report to run every hour, or just at a specific time of the day (i.e. 6:00 am)

Minute

Hour

Day Of Month

Month

Day of Week

Not Selected

✓ Every Hour

Midnight

1AM

2AM

3AM

4AM

5AM

6AM

7AM

8AM

9AM

10AM

11AM

Noon

1PM

2PM

3PM

4PM

5PM

6PM

7PM

8PM

9PM

10PM

11PM

abled, you must make a selection for time settings.

- **Day of the Month**

You can set the Disk Space Report to run every day of the month, or just on a specific day of the month (such as the 2nd day of each month).

Day Of Month

Month

Day of Week

Not Selected

✓ Every Day of the Month

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

must make a selection for ts.

- **Month**

You can set the report to run every month, or just on a selected month, such as the month of June.

Month

Day of Week

Not Selected

✓ Every Month

January

February

March

April

May

June

July

August

September

October

November

December

abled, you must make a selection for time settings.

- **Day of the Week**

You can run the Disk Space Report every day, or only on specific days (such as Tuesdays).

Day of Week

Not Selected

✓ Every Day

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

abled, you must make a selection for time settings.

How often should you run the Disk Space report?

It depends on how paranoid you are.

You'll get a lot of emails with this method, too. For example, let's say your disk space is full or getting full around 5:00 pm on Friday. By Monday morning at 9:00 am, the system will have sent you 255 emails (One email every 15 minutes for 64 hours). This may impact your system performance – the Disk Space Report can take up memory resources to run. It might also be an annoying way to fill up your email inbox.

If you're as paranoid as I am, run the script every hour, but only have it send you emails if there are changes. (You'll get a lot of emails, though, if it's close to full. In the example above, you'd receive about 64 emails between Friday at 5:00 pm and Monday morning at 9:00 am.)

If you're just worried about unwanted changes on your site, run the script once a day at 6:00 am. Why in the morning? Then you have all day to track down a developer and have them fix the site. If you run it at 6:00 pm, then you'll just worry all night (unless you have developers who are complete night owls and only start waking up at 6:00 pm).



How do you set up the Cron settings in the Disk Space Report Extension? Here are several practical examples.

Example 1: Run Disc Space Report Every Hour

To run the report every hour, at the top of the hour, use these selections:

Status * Enabled ▼

Minute Start of Each Hour ▲

Hour Every Hour ▼

Day Of Month Every Day of the Month ▼

Month Every Month ▼

Day of Week Every Day ▼

Example 2: Run Disk Space Report Every 15 Minutes

Use these settings to run the script every 15 minutes.

Beware: this will send you a LOT of emails if you have uncommitted changes.

Status * Enabled ▼

Minute Every 15 Minutes ▼

Hour Every Hour ▼

Day Of Month Every Day of the Month ▼

Month Every Month ▼

Day of Week Every Day ▼

Example 3: Run Disk Space Report Every Day at 6 am (Recommended Setting)

If you'd like to run the report every day at 6:00 am, select these settings.

Status * Enabled ▼

Minute Start of Each Hour ▼

Hour 6AM ▼

Day Of Month Every Day of the Month ▼

Month Every Month ▼

Day of Week Every Day ▼

Example 4: Run Disk Space Report Every Monday Morning at 9:45 am

Once a week might be more than enough – especially if this is just something you want to run on a development server and keep track of uncommitted Git changes.

Here's how to run the Disc Space Extension every Monday morning at 9:45 am:

Status * Enabled ▼

Minute 45 Minutes After Each Hour ▼

Hour 9AM ▼

Day Of Month Every Day of the Month ▼

Month Every Month ▼

Day of Week Monday ▼

Example 5: Run Disk Space Report at 5:30 pm on the 1st Day of Every Month

To run the script once a month, on the first day of the month at 5:30 pm, select these settings:

Status * Enabled ▼

Minute 30 Minutes After Each Hour ▼

Hour 5PM ▼

Day Of Month 1 ▼

Month Every Month ▼

Day of Week Every Day ▼

Example 6: Run Disk Space Report Every Thursday at 6:00 am:

To run the Magento 2 Disk Space Security Report script every Thursday at 6:00 am, use these Cron settings:

Status * Enabled ▼

Minute Start of Each Hour ▼

Hour 6AM ▼

Day Of Month Every Day of the Month ▼

Month Every Month ▼

Day of Week Thursday ▼

Example 7: Run Disc Space Report Every 15 Minutes During the Month of November:

We've made it possible for you to run the Magento 2 Disk Space Report every 15 minutes, but only during the month of November:

Status * Enabled ▼

Minute Every 15 Minutes ▼

Hour Every Hour ▼

Day Of Month Every Day of the Month ▼

Month November ▼

Day of Week Every Day ▼

Step 2: Email Settings for Magento 2 – Disk Space Security Report

Disk Space Report Settings

Save

DISK SPACE REPORT SETTINGS

- Manage CRON Settings
- Manage Email Settings

Email Settings

Please choose the email settings. These settings will be used to send results of the Disk Space Report CRON results.
For further assistance with your Magento site, please visit Customer Paradigm at www.customerparadigm.com or 303.473-4400.

Send From Email Address * your-email@domain.com
Please indicate the email address to send the email messages from. For best deliverability, we recommend using an email address that is associated with the domain of your Magento site (i.e. a gmail or yahoo email address may not work).

Email Addresses * your-email@domain.com
For multiple email addresses, please separate each address using a comma (ex: emailone@example.com,emailtwo@example.com)

Subject Line * Magento 2 Disk Space Report
Used to personalize the subject line the email results.

Email Report When * When drive is above 90% ▼

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FROM Email Address:

In this field, you can set the FROM email address of your Disk Space Report.

Send From Email Address *

Please indicate the email address to send the email messages from. For best deliverability, we recommend using an email address that is associated with the domain of your Magento site (i.e. a gmail or yahoo email address may not work).

Important Notes:

- This should ONLY be a single email address
- The email address you are sending from should match the domain name of your Magento site
- You may wish to include the Magento site in your safe senders list / whitelist, and/or add this email address to your address book
- If you use a Gmail or yahoo email address, your server probably doesn't have authority to send on behalf of another domain

Email Addresses for Report:

In this field, enter in the email address or email addresses that you want to receive the report.

For multiple emails, separate them with a comma.

Email Addresses *

For multiple email addresses, please separate each address using a comma (ex: emailone@example.com,emailtwo@example.com)

Subject Line:

Use this field to set a custom subject line for the email reports. You might want to include the site's name (if you have multiple websites).

Email Status Selection:

Use this selection to determine if you want an email sent every time the Disk Space Report runs (i.e. every hour) or only if there are uncommitted changes to the system.

Email Report When *

- Always Send Email
- ✓ When drive is above 60%
- When drive is above 65%
- When drive is above 70%
- When drive is above 75%
- When drive is above 80%
- When drive is above 85%
- When drive is above 90%
- When drive is above 95%
- When drive is above 99%

Disk Space Emails:

Here's a copy of the Disk Space Security Check emails.

This one shows all of the drives with free space (in this case, to the Disk Space Extension itself):

Magento 2 Disk Space Report - Inbox

Message

Delete Archive Reply Reply All Forward Attachment Move Rules Read/Unread Categorize Follow Up

Magento 2 Disk Space Report

Thursday, February 9, 2017 at 11:30 AM
To: Jeff Finkelstein - Customer Paradigm

Magento 2 Disk Space Report:

Drive:	Used:	Avail:	% Full:
/dev/sdd1	513G	358G	59%
/dev/sde	304G	532G	37%
/dev/sdb1	516G	2.1T	20%
/dev/sda2	7.9G	82G	9%
/dev/sdc1	74G	2.5T	3%
udev	4.0K	7.9G	1%
tmpfs	1.4M	1.6G	1%
none	144K	7.9G	1%
none	28K	100M	1%
/dev/sda1	3.4M	508M	1%
none	0	4.0K	0%
none	0	5.0M	0%

The Magento 2 Disk Space Report can help make sure that your site doesn't run out of disk space. Running out of disk space means your site will shut down, and your database may be corrupted.

This report was auto-magically generated from your Magento 2 site. You can control the settings from your Magento admin area (such as changing the frequency or email address).

Need help with your Magento 2 site? Customer Paradigm can help! Contact Customer Paradigm at 303.473.4400 or visit <http://www.customerparadigm.com>

FAQ

Q: Can I run this on my staging and development sites, too?

A: Yes, although you may not want to run the system as frequently on a development site.

Q: I'm not receiving the Disk Space emails. Why not?

A: There are a few reasons why you might not be receiving emails from the Disk Space system:

- First – Cron *must* be enabled and running for this system to work properly. If Cron is not enabled, then the system will not be able to be triggered.
- Second, make sure that the email address you are sending FROM (i.e. in the FROM line) has permission to send from your server. For example, if your server is XYZ-Corp.com, you should likely be able to send FROM info@XYZ-Corp.com.
- You may need to check with your email provider to make sure that this server is whitelisted.
- We recommend making sure that the email address you are sending FROM is in your address book in your email program.
- We also recommend having an SPF record that gives permission via DNS to send email on behalf of the domain. Beyond this, if your transactional emails are sending from the server (i.e. the order confirmation emails), then Disk Space should be able to send properly as well.
- Make sure that sendmail or another outbound email sending program is enabled.

Q: Can my site still crash with this script running?

A: Yes, your site can still crash due to many other causes, including running out of disk space. This is a helpful tool, but will not prevent or clear out space on your site.

Q: I don't have Cron installed on my site. Can Customer Paradigm help me install Cron on my Magento 2 site?

A: Yes! We're happy to help on a consulting basis. Please contact us at 303.473.4400 or submit a support request at <https://labs.customerparadigm.com>

Q: I don't understand what the report means. Can Customer Paradigm help me understand the report?

A: Yes! Contact us at [303.473.4400](tel:303.473.4400) or submit a support request at <https://labs.customerparadigm.com>

Q: Can Customer Paradigm install this for me on my Magento 2 site?

A: Yes! Contact us at [303.473.4400](tel:303.473.4400) or submit a support request at <https://labs.customerparadigm.com>

Q: Can Customer Paradigm customize this Extension for my Magento 2 site?

A: Yes, we're happy to help! Please contact us at 303.473.4400 or submit a support request at <https://labs.customerparadigm.com>

We always welcome any feedback you have on how to improve this module, or how it did not work as expected. Please visit: <https://labs.customerparadigm.com> and submit a support ticket.