

1) Required folders.

- bin
- input
- output

Required folders/files.

df_h_split_to_array_JS_v1.hta	HTML Application	35 KB
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Script file to run.

2) Content of bin folder. Text file df-h.txt is to hold the server commands.

df-h.txt1 KB

plink.exe343 KB

df-h.txt - Notepad

File Edit Format View Help

df -h
exit

3) Plink is command line version of Putty.

- For Windows on Intel x86
- PuTTY: [putty.exe](#)
 - PuTTYtel: [puttytel.exe](#)
 - PSCP: [pscp.exe](#)
 - PSFTP: [psftp.exe](#)
 - Plink: [plink.exe](#)

Plink Connect for 'df -h' Disk Checks

List of servers to connect through Plink.
If using name, make sure name to IP mapping is functioning correctly.

192.168.11.100
192.168.11.100
192.168.11.100

Username

hirman

Password

.....

Connect

View Past Results

☐ use SSH connection

Basic Report

Reset Page

Volume percent reporting. ☐ Custom sorting.

To simulate connecting to 3 servers.

Connection to VirtualBox CentOS Linux

- 1) Fill in Server IP or Name, with Carriage Return.
- 2) Fill in Username/Password.
- 3) Click 'Connect'. (use SSH if required)
- 4) Select 'Mounted On'. Select result 'dated files to process'.
- 5) Click 'Basic Report'. Table will be created as below.

Plink Connect for 'df -h' Disk Checks

List of servers to connect through Plink.

If using name, make sure name to IP mapping is functioning correctly.

192.168.11.100	Username hirman
	Password

Connect ☐ use SSH connection

View Past Results

Select 'Mounted On' slice. Select dated files to process.

- | | |
|--|--|
| <input checked="" type="checkbox"/> / | |
| <input checked="" type="checkbox"/> /dev | |
| <input checked="" type="checkbox"/> /dev/shm | <input type="checkbox"/> 20170114_082028 Filesize = 368 bytes |
| <input checked="" type="checkbox"/> /run | <input checked="" type="checkbox"/> 20170115_094523 Filesize = 368 bytes |
| <input checked="" type="checkbox"/> /sys/fs/cgroup | |
| <input checked="" type="checkbox"/> /home | |
| <input checked="" type="checkbox"/> /boot | |

Basic Report

Reset Page

Volume percent reporting. ☐ Custom sorting.

S/N	Server ID	Filesystem	size	used	avail	capacity	Mounted on
1	192.168.11.100	/dev/mapper/centos-root	41G	4.6G	36G	12%	/
2	192.168.11.100	devtmpfs	1.9G	0	1.9G	0%	/dev
3	192.168.11.100	tmpfs	1.9G	80K	1.9G	1%	/dev/shm
4	192.168.11.100	tmpfs	1.9G	8.7M	1.9G	1%	/run
5	192.168.11.100	tmpfs	1.9G	0	1.9G	0%	/sys/fs/cgroup
6	192.168.11.100	/dev/mapper/centos-home	20G	38M	20G	1%	/home
7	192.168.11.100	/dev/sda1	497M	166M	332M	34%	/boot

CentOS-7-x86_64 (Snapshot2) [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Applications Places Terminal

Sun 09:49 hirman



home



Trash

hirman@localhost:~/Desktop

File Edit View Search Terminal Help

```
[hirman@localhost Desktop]$ df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/mapper/centos-root  41G  4.6G  36G  12% /
devtmpfs        1.9G   0  1.9G   0% /dev
devtmpfs        1.9G  92K  1.9G   1% /dev/shm
tmpfs           1.9G  8.7M  1.9G   1% /run
tmpfs           1.9G   0  1.9G   0% /sys/fs/cgroup
/dev/mapper/centos-home  20G   39M   20G   1% /home
/dev/sda1       497M  166M  332M  34% /boot
[hirman@localhost Desktop]$
```

hirman@localhost:~/Desktop

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Contents of output folder.

The screenshot displays a web interface for managing connection sessions and generating reports. On the left, a sidebar shows a file tree with folders 'bin', 'input', and 'output'. A blue arrow points to the 'output' folder. The main area features a table of past connection sessions:

Name	Size
20170114_082028	1 KB
20170115_094523	1 KB
20170115_102554	2 KB

A blue arrow points to the file '20170115_102554'. To the right, a control panel includes a 'Connect' button, a checkbox for 'use SSH connection', and a 'View Past Results' button (indicated by a blue arrow). Below this, there are sections for selecting a 'Mounted On' slice and dated files to process. The 'Mounted On' slice options are: ☐ /, ☐ /dev, ☐ /dev/shm, ☐ /run, ☐ /sys/fs/cgroup, ☐ /home, and ☐ /boot. The dated files to process are: ☐ 20170114_082028 Filesize = 368 bytes, ☐ 20170115_094523 Filesize = 368 bytes, and ☐ 20170115_102554 Filesize = 1104 bytes. A blue arrow points to the '20170115_102554' file. At the bottom, there is a 'Basic Report' button (indicated by a blue arrow), a 'Reset Page' button, and a checkbox for 'Custom sorting' under the 'Volume percent reporting' section.

- 1) Click on 'View Past Results'
- 2) It will list down all past connection session found in the 'output' folder.
- 3) Select one, all or any combination of output folder files to merge into a single table report.
- 4) Select 'Mounted On' directory name.
- 5) Click on 'Basic Report' to view results in table format.

Use custom sorting to sort percentage usage.

- 1) Click on 'Custom sorting.'
- 2) Sort by 'Largest' or 'Smallest'. Sorting is based on percentage value collected.
- 3) Choose percentage color, above/below, colored as red/green.
(Example of large to small.)

Plink Connect for 'df -h' Disk Checks

List of servers to connect through Plink.
If using name, make sure name to IP mapping is functioning correctly.

192.168.11.100	Username hirman
	Password

Connect ☐ use SSH connection ☐ use Admin Rights

View Past Results

Select 'Mounted On' slice. Select dated files to process.

- ☒ /
☒ /dev
☒ /dev/shm
☒ /run
☒ /sys/fs/cgroup
☒ /home
☒ /boot
- ☐ 20170114_082028 Filesize = 368 bytes
☒ 20170115_094523 Filesize = 368 bytes

Basic Report

Reset Page

Volume percent reporting. ☒ Custom sorting.

Sort by Largest volume

Under 10% ☒ is green status. Over percent is red.

S/N	Server ID	Filesystem	size	used	avail	capacity	Mounted on
7	192.168.11.100	/dev/sda1	497M	166M	332M	34%	/boot
1	192.168.11.100	/dev/mapper/centos-root	41G	4.6G	36G	12%	/
3	192.168.11.100	tmpfs	1.9G	80K	1.9G	1%	/dev/shm
4	192.168.11.100	tmpfs	1.9G	8.7M	1.9G	1%	/run
6	192.168.11.100	/dev/mapper/centos-home	20G	38M	20G	1%	/home
2	192.168.11.100	devtmpfs	1.9G	0	1.9G	0%	/dev
5	192.168.11.100	tmpfs	1.9G	0	1.9G	0%	/sys/fs/cgroup

CentOS-7-x86_64 (Snapshot2) [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help
Applications Places Terminal



home



Trash

hirman@localhost:~/Desktop

File Edit View Search Terminal Help

```
[hirman@localhost Desktop]$ df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/mapper/centos-root  41G  4.6G  36G  12% /
devtmpfs        1.9G   0  1.9G   0% /dev
tmpfs           1.9G  92K  1.9G   1% /dev/shm
tmpfs           1.9G  8.7M  1.9G   1% /run
tmpfs           1.9G   0  1.9G   0% /sys/fs/cgroup
/dev/mapper/centos-home  20G   39M  20G   1% /home
/dev/sda1       497M  166M  332M  34% /boot
[hirman@localhost Desktop]$
```

hirman@localhost:~/Desktop

Use custom sorting to sort percentage usage.

- 1) Click on 'Custom sorting.'
- 2) Sort by 'Largest' or 'Smallest'. Sorting is based on percentage value collected.
- 3) Choose percentage color, above/below, colored as red/green.
(Example small to large.)

Plink Connect for 'df -h' Disk Checks

List of servers to connect through Plink.
If using name, make sure name to IP mapping is functioning correctly.

192.168.11.100	Username hirman
	Password ●●●●●●●●

Connect ☐ use SSH connection ☐ use Admin Rights

View Past Results

Select 'Mounted On' slice. Select dated files to process.

- ☒ /
☒ /dev
☒ /dev/shm
☒ /run
☒ /sys/fs/cgroup
☒ /home
☒ /boot
- ☐ 20170114_082028 Filesize = 368 bytes
☒ 20170115_094523 Filesize = 368 bytes

Basic Report

Reset Page

Volume percent reporting. ☒ Custom sorting.

Sort by Sorted Report

Under is green status. Over percent is red.

S/N	Server ID	Filesystem	size	used	avail	capacity	Mounted on
2	192.168.11.100	devtmpfs	1.9G	0	1.9G	0%	/dev
5	192.168.11.100	tmpfs	1.9G	0	1.9G	0%	/sys/fs/cgroup
3	192.168.11.100	tmpfs	1.9G	80K	1.9G	1%	/dev/shm
4	192.168.11.100	tmpfs	1.9G	8.7M	1.9G	1%	/run
6	192.168.11.100	/dev/mapper/centos-home	20G	38M	20G	1%	/home
1	192.168.11.100	/dev/mapper/centos-root	41G	4.6G	36G	12%	/
7	192.168.11.100	/dev/sda1	497M	166M	332M	34%	/boot

CentOS-7-x86_64 (Snapshot2) [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Applications Places Terminal

home
Trash

hirman@localhost:~/Desktop

File Edit View Search Terminal Help

```
[hirman@localhost Desktop]$ df -h
Filesystem                Size      Used Avail Use% Mounted on
/dev/mapper/centos-root    41G       4.6G   36G   12% /
devtmpfs                  1.9G       0     1.9G    0% /dev
tmpfs                      1.9G     92K     1.9G    1% /dev/shm
tmpfs                      1.9G    8.7M     1.9G    1% /run
tmpfs                      1.9G       0     1.9G    0% /sys/fs/cgroup
/dev/mapper/centos-home    20G       39M     20G    1% /home
/dev/sda1                  497M     166M    332M   34% /boot
[hirman@localhost Desktop]$
```

hirman@localhost:~/Desktop

Use custom sorting to sort percentage usage.

1) Volume sorting option.

Basic Report Reset Page

Volume percent reporting. ☒ Custom sorting.

Sort by Select Sorted Report

Under Largest volume
Smallest volume Over percent is red.

2) Green/Red option. 10% option is for testing purpose only.

Basic Report Reset Page

Volume percent reporting. ☒ Custom sorting.

Sort by Select Sorted Report

Under Select is green status. Over percent is red.

- 10%
- 50%
- 55%
- 60%
- 65%
- 70%
- 75%
- 80%
- 85%
- 90%

3) Click 'Sorted Report' to sort with colors. Click 'Basic Report' to see default layout.

Basic Report Reset Page

Volume percent reporting. ☒ Custom sorting.

Sort by Largest volume Sorted Report

Under 60% is green status. Over percent is red.

Error handling.

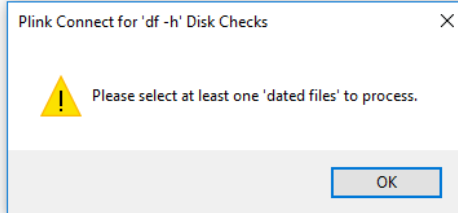
1) When no file selected for processing.

Select 'Mounted On' slice. Select dated files to process.

<input type="checkbox"/> /	
<input type="checkbox"/> /dev	
<input type="checkbox"/> /dev/shm	<input type="checkbox"/> 20170114_082028 Filesize = 368 bytes
<input type="checkbox"/> /run	<input type="checkbox"/> 20170115_094523 Filesize = 368 bytes
<input type="checkbox"/> /sys/fs/cgroup	<input type="checkbox"/> 20170115_102554 Filesize = 1104 bytes
<input type="checkbox"/> /home	
<input type="checkbox"/> /boot	

Basic Report Reset Page

Volume percent reporting. ☐ Custom sorting.

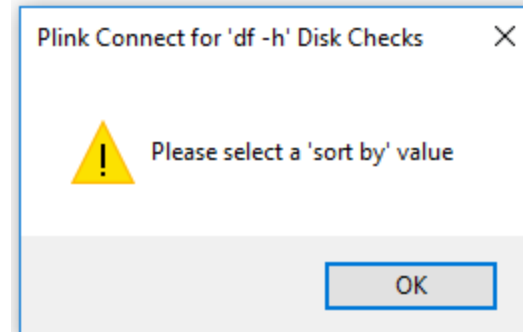


3) Custom sort: sorting by is not set.

Volume percent reporting. ☒ Custom sorting.

Sort by Sorted Report

Under is green status. Over percent is red.



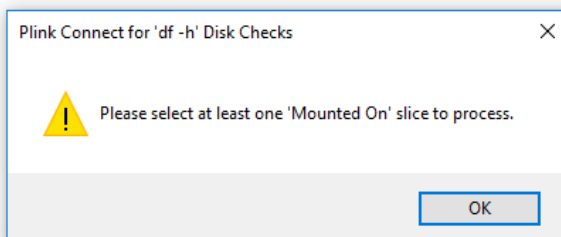
2) When no 'Mounted On' directory is selected.

Select 'Mounted On' slice. Select dated files to process.

<input type="checkbox"/> /	
<input type="checkbox"/> /dev	
<input type="checkbox"/> /dev/shm	<input type="checkbox"/> 20170114_082028 Filesize = 368 bytes
<input type="checkbox"/> /run	<input type="checkbox"/> 20170115_094523 Filesize = 368 bytes
<input type="checkbox"/> /sys/fs/cgroup	<input checked="" type="checkbox"/> 20170115_102554 Filesize = 1104 bytes
<input type="checkbox"/> /home	
<input type="checkbox"/> /boot	

Basic Report Reset Page

Volume percent reporting. ☐ Custom sorting.



4) Custom sort: Color percent not set.

Volume percent reporting. ☒ Custom sorting.

Sort by Sorted Report

Under is green status. Over percent is red.

