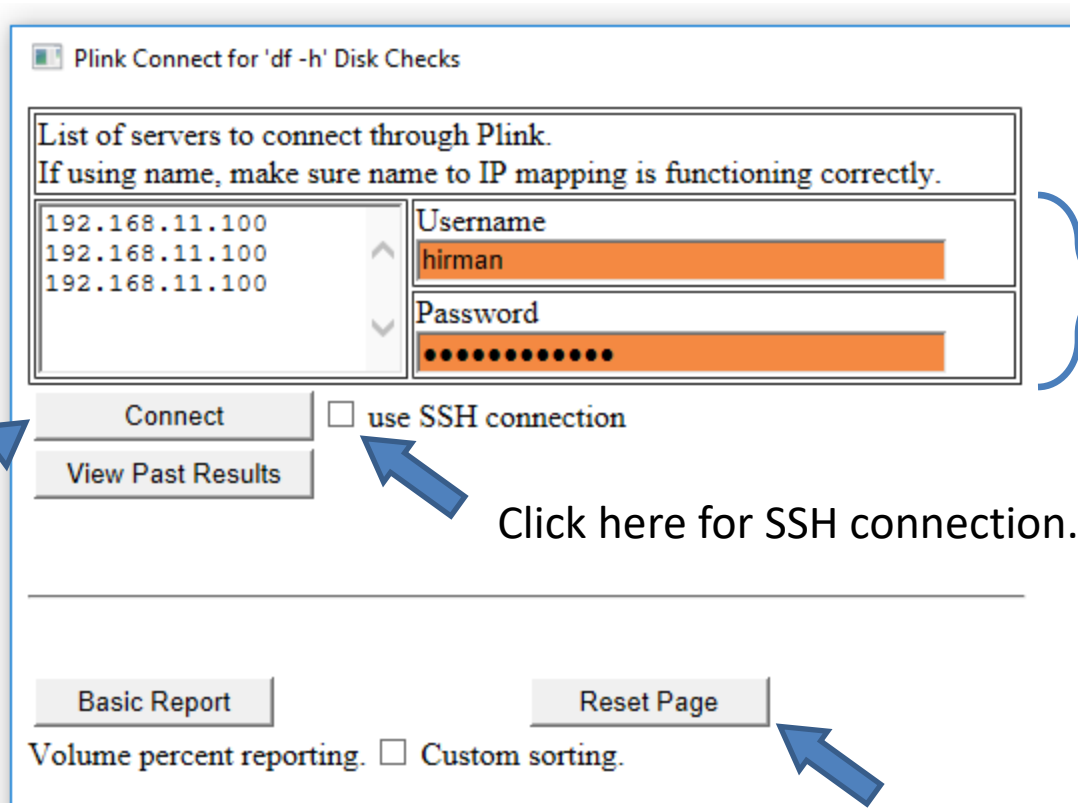
HTML script layout.



Add all servers to check into this box.

Add username and password.

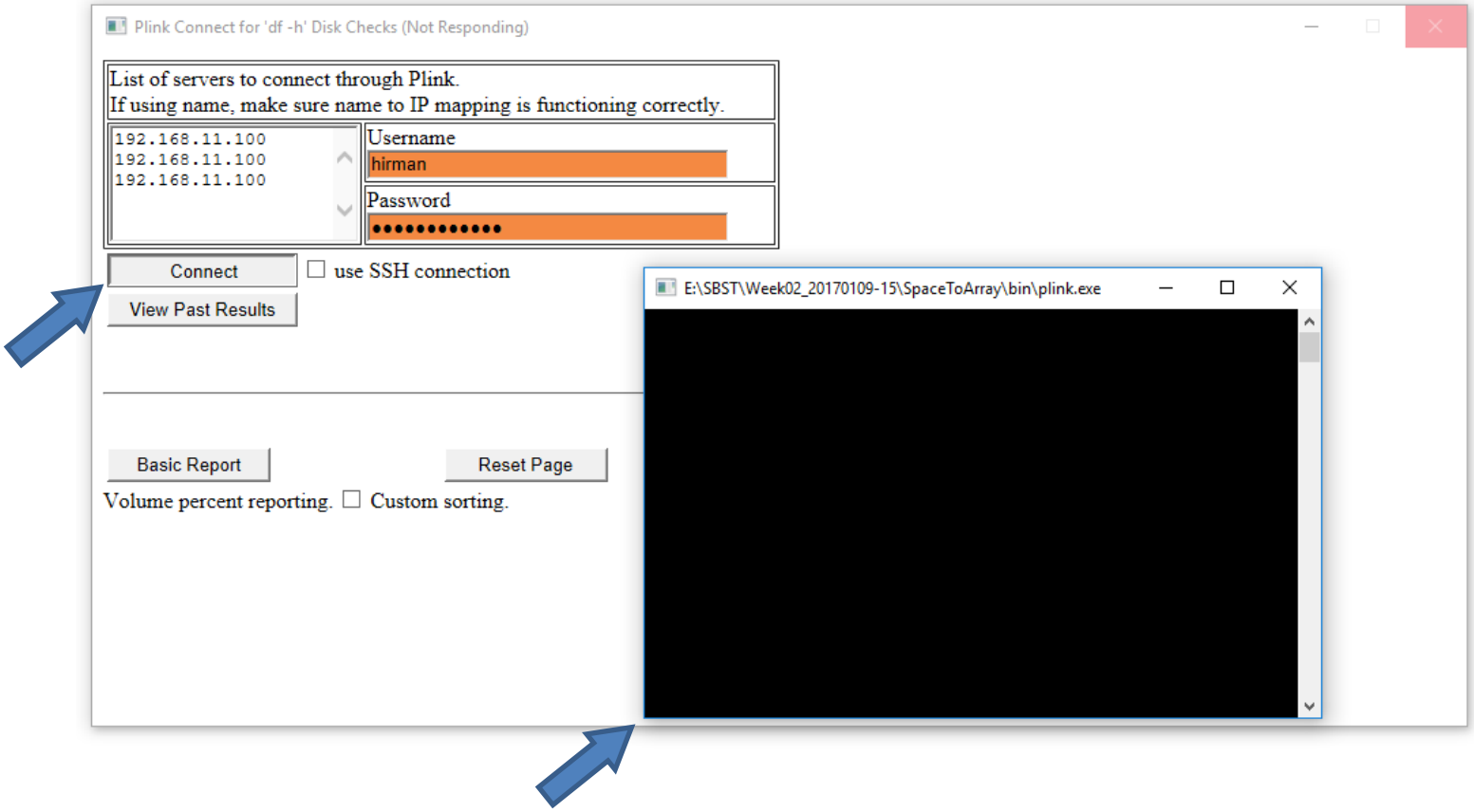
Click connect to start server connection.

Click here for SSH connection.

Click reset to clear the page.

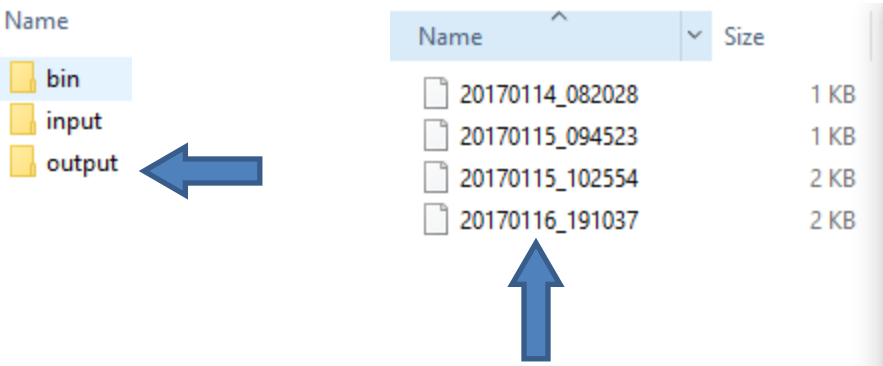
Command pop up during connecting session.

Connect button is depressed during connection session.



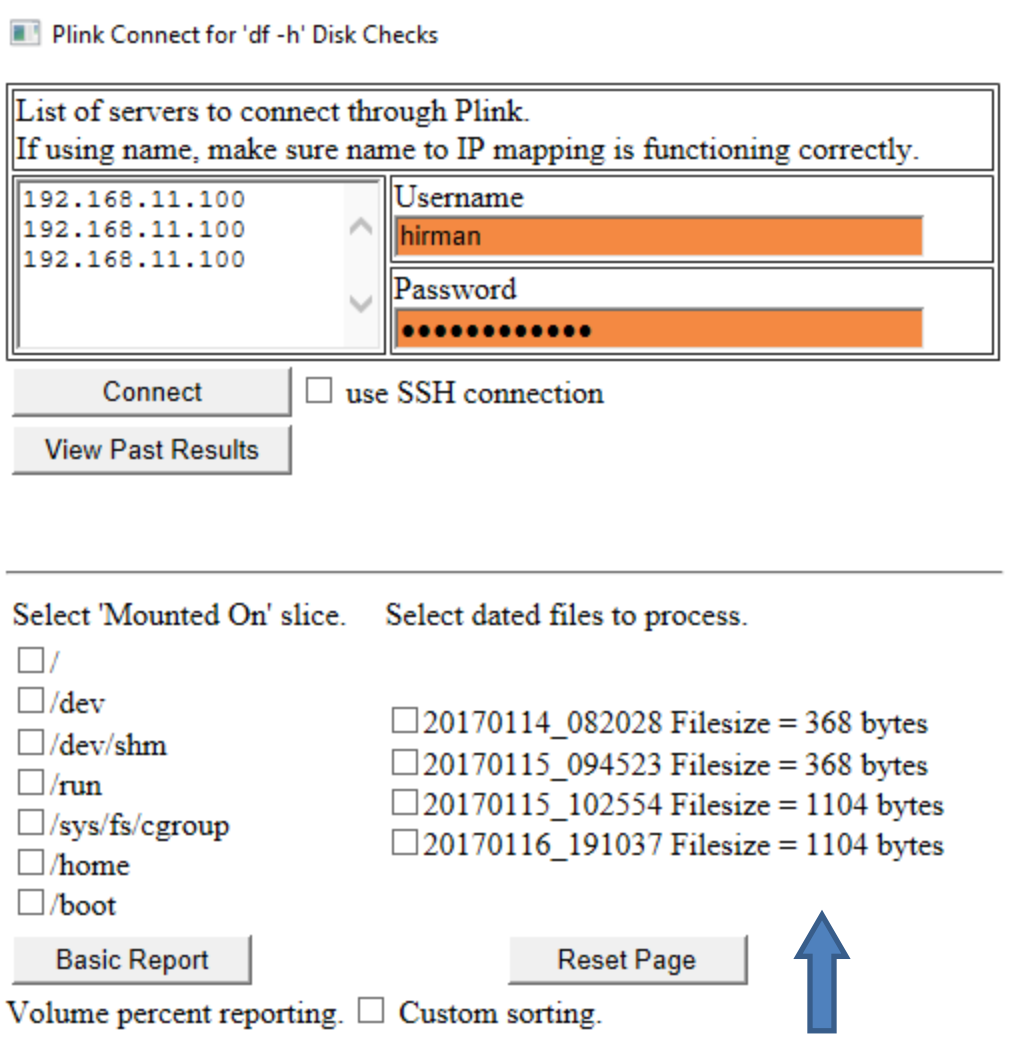
Plink command prompt pop-up session for each server connection.

When connection session is done.



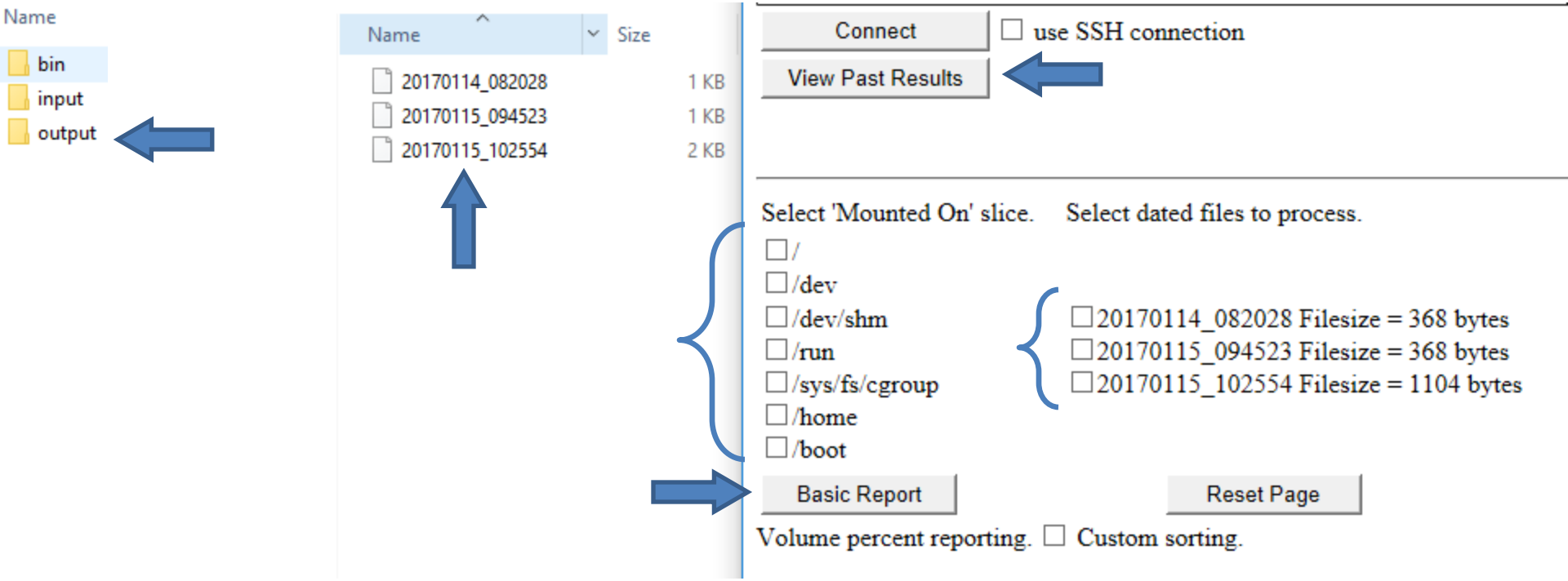
Contents of ‘output’ folder.

Compiled lists of server ‘Mounted On’ names based on all the past server sessions found at the output folder.



Lists of ‘df –h’ command output results executed at respective date and times.

Viewing historical data from output folder.



1) It is possible to view historical data by clicking ‘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.

Example layout of a Basic Report.

1) Select ‘Mounted On’. Select result ‘dated files to process’.
2) 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.

- ☑ /
- ☑ /dev
- ☑ /dev/shm
- ☑ /run
- ☑ /sys/fs/cgroup
- ☑ /home
- ☑ /boot

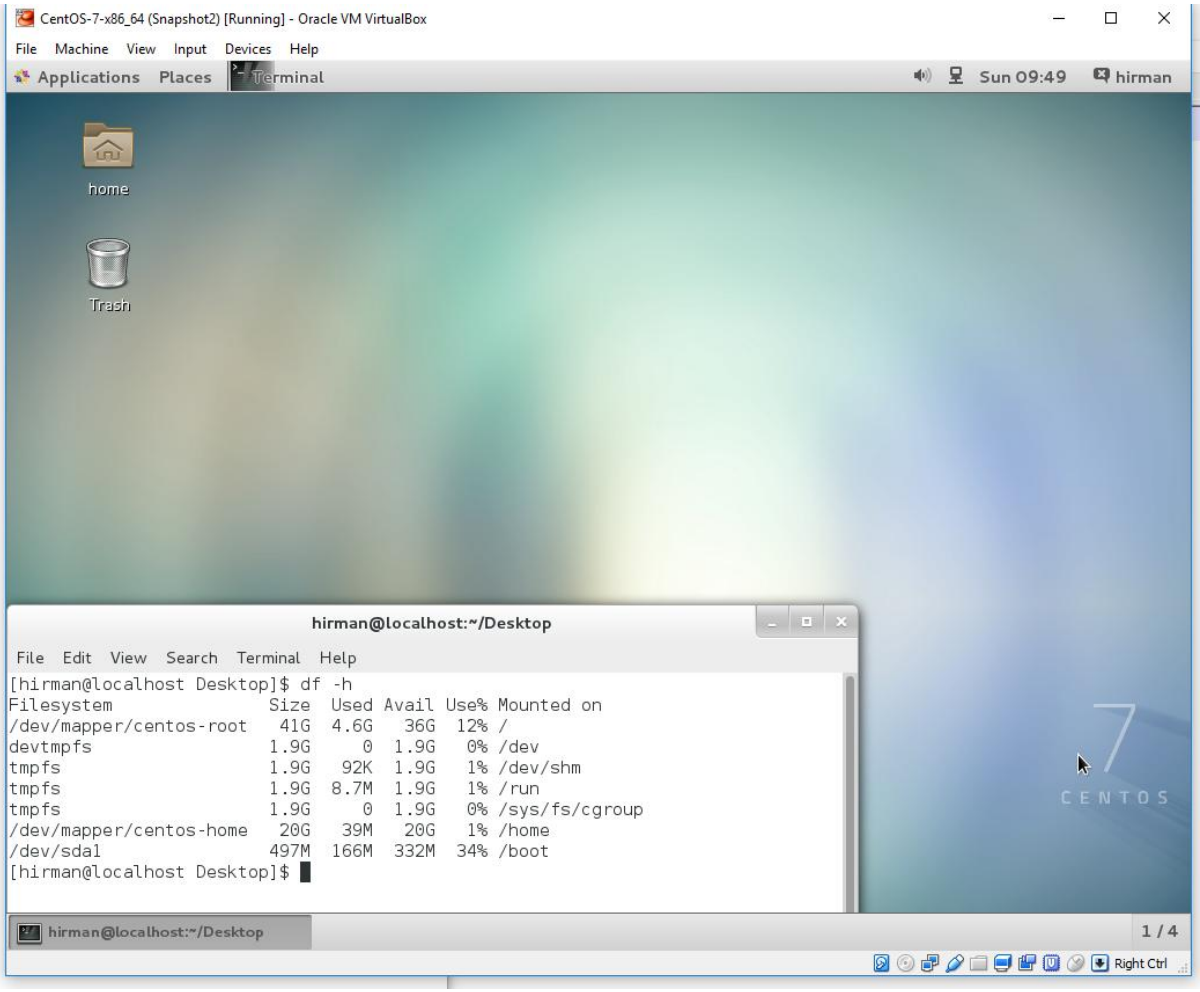
Select dated files to process.

- ☐ 20170114_082028 Filesize = 368 bytes
- ☑ 20170115_094523 Filesize = 368 bytes

Basic Report Reset Page

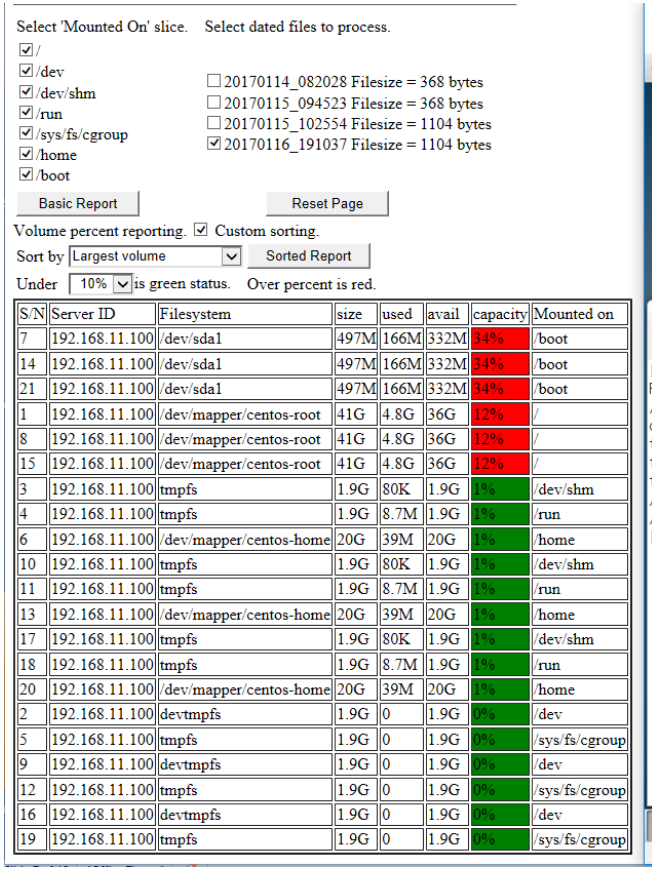
Volume percent reporting. ☐ Custom sorting.

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



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.
4) Example below shows 3 repeated entry. This is because the same server is connected 3 times to simulate multiple server sessions connections.



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

- [x] /
- [x] /dev
- [x] /dev/shm
- [x] /run
- [x] /sys/fs/cgroup
- [x] /home
- [x] /boot

- [ ] 20170114_082028 Filesize = 368 bytes
- [ ] 20170115_094523 Filesize = 368 bytes
- [ ] 20170115_102554 Filesize = 1104 bytes
- [x] 20170116_191037 Filesize = 1104 bytes

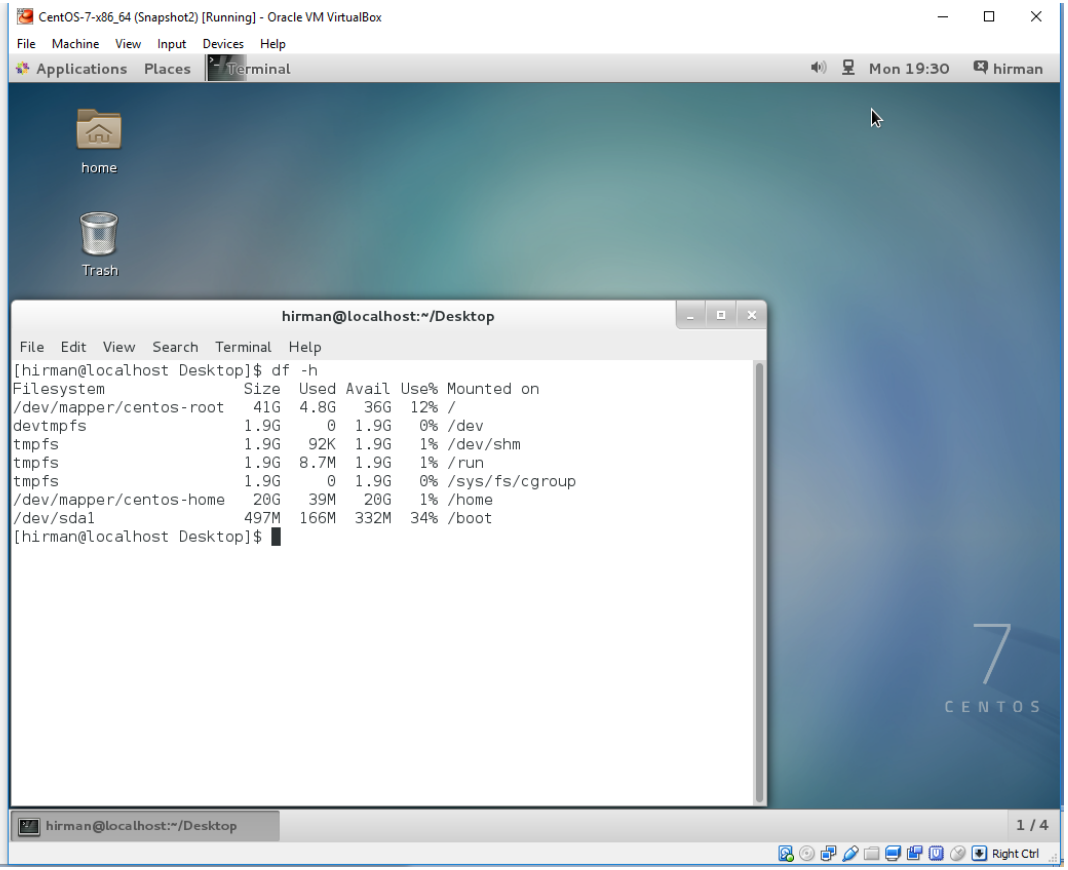
Basic Report | Reset Page

Volume percent reporting. [x] Custom sorting.

Sort by Largest volume | Sorted Report

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
14	192.168.11.100	/dev/sda1	497M	166M	332M	34%	/boot
21	192.168.11.100	/dev/sda1	497M	166M	332M	34%	/boot
1	192.168.11.100	/dev/mapper/centos-root	41G	4.8G	36G	12%	/
8	192.168.11.100	/dev/mapper/centos-root	41G	4.8G	36G	12%	/
15	192.168.11.100	/dev/mapper/centos-root	41G	4.8G	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	39M	20G	1%	/home
10	192.168.11.100	tmpfs	1.9G	80K	1.9G	1%	/dev/shm
11	192.168.11.100	tmpfs	1.9G	8.7M	1.9G	1%	/run
13	192.168.11.100	/dev/mapper/centos-home	20G	39M	20G	1%	/home
17	192.168.11.100	tmpfs	1.9G	80K	1.9G	1%	/dev/shm
18	192.168.11.100	tmpfs	1.9G	8.7M	1.9G	1%	/run
20	192.168.11.100	/dev/mapper/centos-home	20G	39M	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
9	192.168.11.100	devtmpfs	1.9G	0	1.9G	0%	/dev
12	192.168.11.100	tmpfs	1.9G	0	1.9G	0%	/sys/fs/cgroup
16	192.168.11.100	devtmpfs	1.9G	0	1.9G	0%	/dev
19	192.168.11.100	tmpfs	1.9G	0	1.9G	0%	/sys/fs/cgroup



Use custom sorting to sort percentage usage.

1) Example of combining multiple dated files into one entry for sorting.
2) Useful if you missed out some servers due to disconnection failure.

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
- ☐ 20170115_102554 Filesize = 1104 bytes
- ☐ 20170116_191037 Filesize = 1104 bytes

Basic Report Reset Page

Volume percent reporting. ☑ Custom sorting.

Sort by Smallest volume Sorted Report

Under 10% 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
9	192.168.11.100	devtmpfs	1.9G	0	1.9G	0%	/dev
12	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
10	192.168.11.100	tmpfs	1.9G	80K	1.9G	1%	/dev/shm
11	192.168.11.100	tmpfs	1.9G	8.7M	1.9G	1%	/run
13	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%	/
8	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
14	192.168.11.100	/dev/sda1	497M	166M	332M	34%	/boot

Using default layout to combine past sessions.

1) Example of combining multiple dated files into one entry using default sorting.
2) This default sorting will include coloring for percentages.

Select 'Mounted On' slice.

- [x] /
- [ ] /dev
- [ ] /dev/shm
- [x] /run
- [ ] /sys/fs/cgroup
- [x] /home
- [x] /boot

Select dated files to process.

- [ ] 20170114_082028 Filesize = 368 bytes
- [ ] 20170115_094523 Filesize = 368 bytes
- [ ] 20170115_102554 Filesize = 1104 bytes
- [x] 20170116_191037 Filesize = 1104 bytes

Basic Report | Reset Page

Volume percent reporting. [x] Custom sorting.

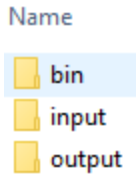
Sort by Default Sorting | Sorted Report

Under 10% is green s...s. Over percent is red.

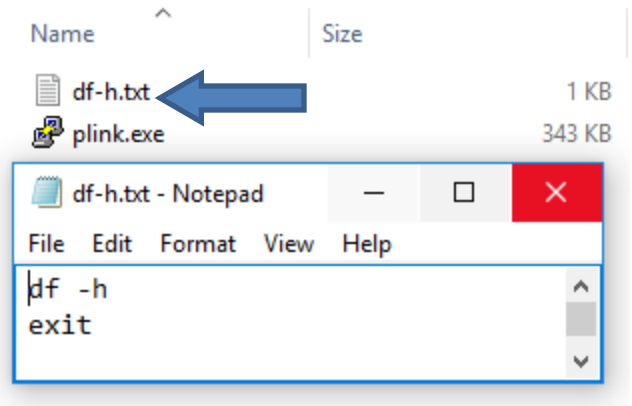
S/N	Server ID	Filesystem	size	used	avail	capacity	Mounted on
1	192.168.11.100	/dev/mapper/centos-root	41G	4.8G	36G	12%	/
2	192.168.11.100	tmpfs	1.9G	8.7M	1.9G	1%	/run
3	192.168.11.100	/dev/mapper/centos-home	20G	39M	20G	1%	/home
4	192.168.11.100	/dev/sda1	497M	166M	332M	34%	/boot
5	192.168.11.100	/dev/mapper/centos-root	41G	4.8G	36G	12%	/
6	192.168.11.100	tmpfs	1.9G	8.7M	1.9G	1%	/run
7	192.168.11.100	/dev/mapper/centos-home	20G	39M	20G	1%	/home
8	192.168.11.100	/dev/sda1	497M	166M	332M	34%	/boot
9	192.168.11.100	/dev/mapper/centos-root	41G	4.8G	36G	12%	/
10	192.168.11.100	tmpfs	1.9G	8.7M	1.9G	1%	/run
11	192.168.11.100	/dev/mapper/centos-home	20G	39M	20G	1%	/home
12	192.168.11.100	/dev/sda1	497M	166M	332M	34%	/boot

Required folders/files.

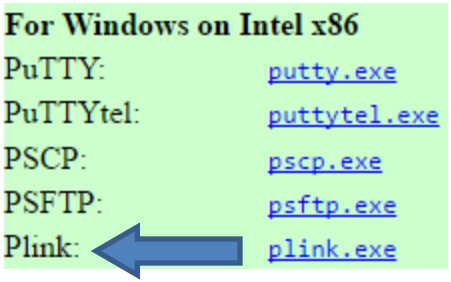
1) Required folders.



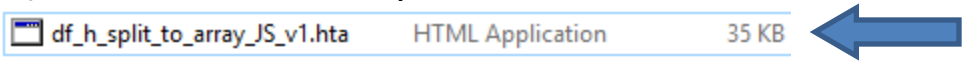
2) Content of bin folder. Text file df-h.txt is to hold the server commands.



3) Plink is command line version of Putty.

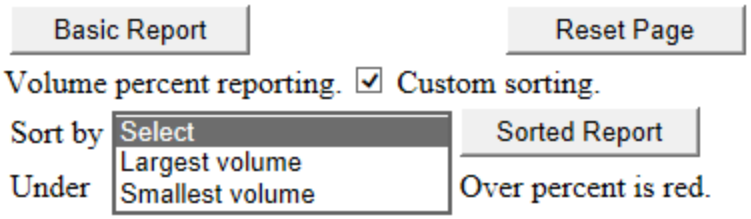


4) Name of the script file.

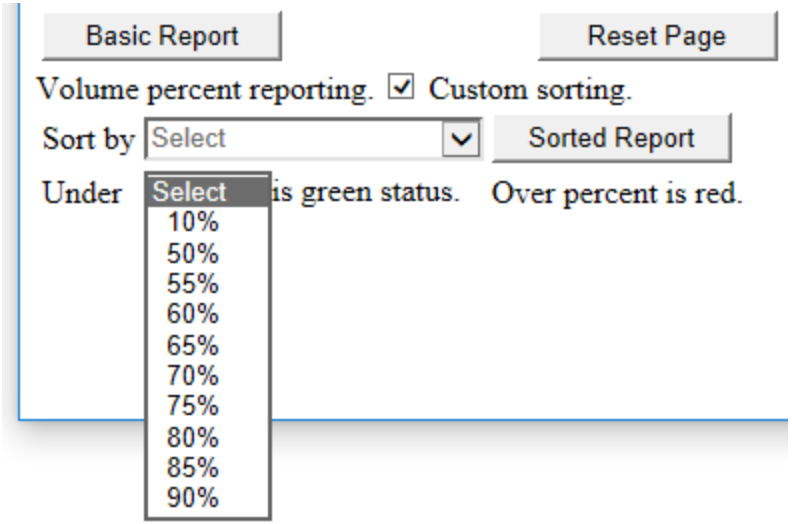


Use custom sorting to sort percentage usage.

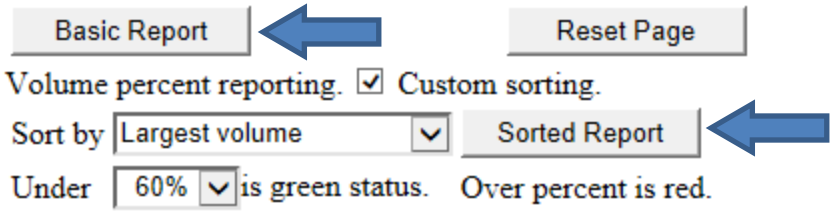
1) Volume sorting option.



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

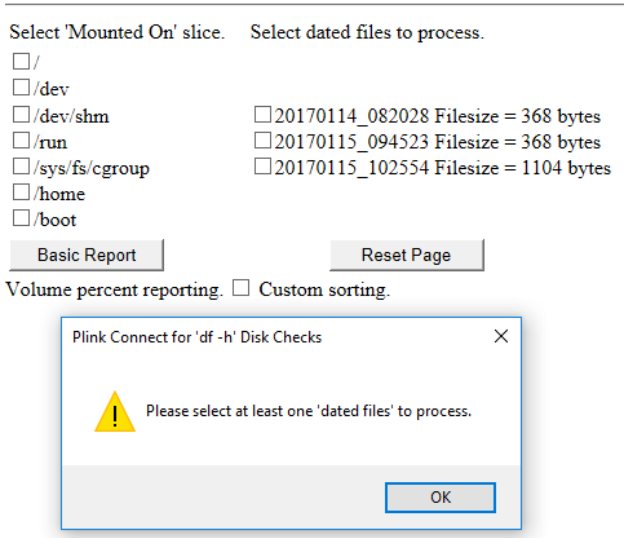


3) Click ‘Sorted Report’ to sort with colors. Click ‘Basic Report’ to see default layout.

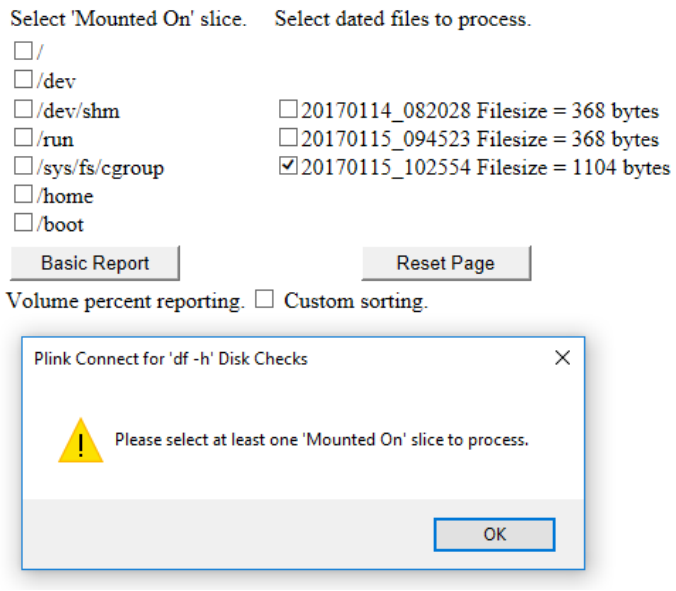


Error handling.

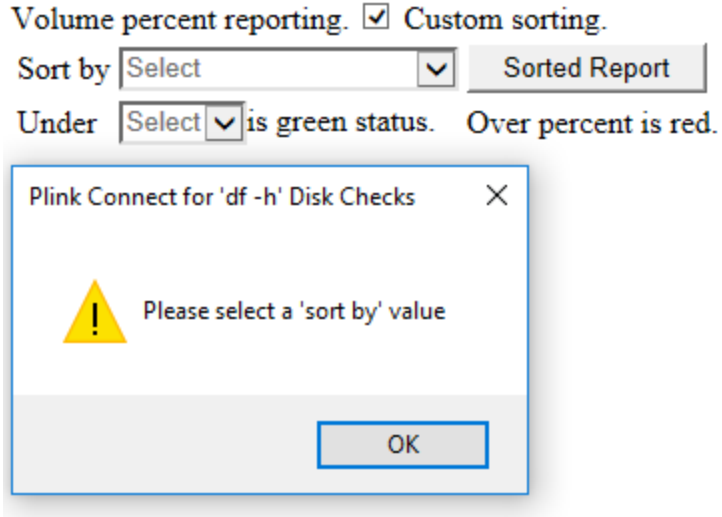
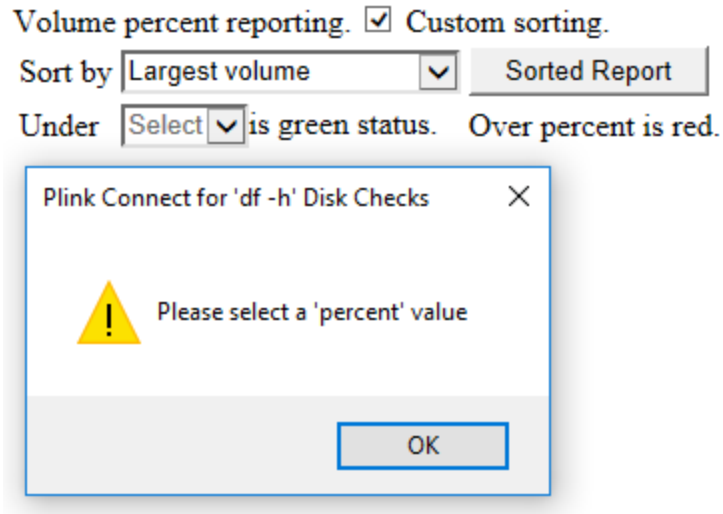
1) When no file selected for processing.



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



3) Custom sort: sorting by is not set.



4) Custom sort: Color percent not set.