

Assignment Day 15 | 15th November 2020

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Question 01. Instructions:-

1. Write a script to find all failed ssh login attempts on a CentOS system and generate a report in /reports directory.
2. Take the input date from the user.
3. The report file name should be in format "dd-mm-yy-hh-mm-ss.txt"

Answer 01.

In CentOS, the failed SSH sessions are recorded in /var/log/secure file.

The script to find failed SSH login attempts on a CentOS system and generating report in /reports directory is as follows:-

```
#!/bin/bash
mkdir /reports &> /dev/null
read -p "Enter a date (dd-mm-yyyy): " user_date
dtf=$(date +"%d-%m-%y-%H-%M-%S")
egrep "Failed password" /var/log/secure >> /reports/$dtf.txt
```

Question 02. Instructions:-

1. The above script should run whenever "root" logs in to the system.

Answer 02.

For running a script when root logs in to the system, add following in crontab:-

```
sudo crontab -e
@reboot /root/day15assignment.sh
```