

# Task 5: SSH Login Audit

## 1. Create the script file

```
nano ssh_audit.sh
```

## 2. Paste the following into the editor, then save:

```
#!/bin/bash
```

```
OUTPUT="ssh_audit.txt"
```

```
echo "Last 5 Successful SSH Logins:" > $OUTPUT
```

```
grep "Accepted" /var/log/auth.log | tail -n 5 >> $OUTPUT
```

```
echo -e "\nLast 5 Failed SSH Login Attempts:" >> $OUTPUT
```

```
grep "Failed password" /var/log/auth.log | tail -n 5 >> $OUTPUT
```

## 3. Make the script executable

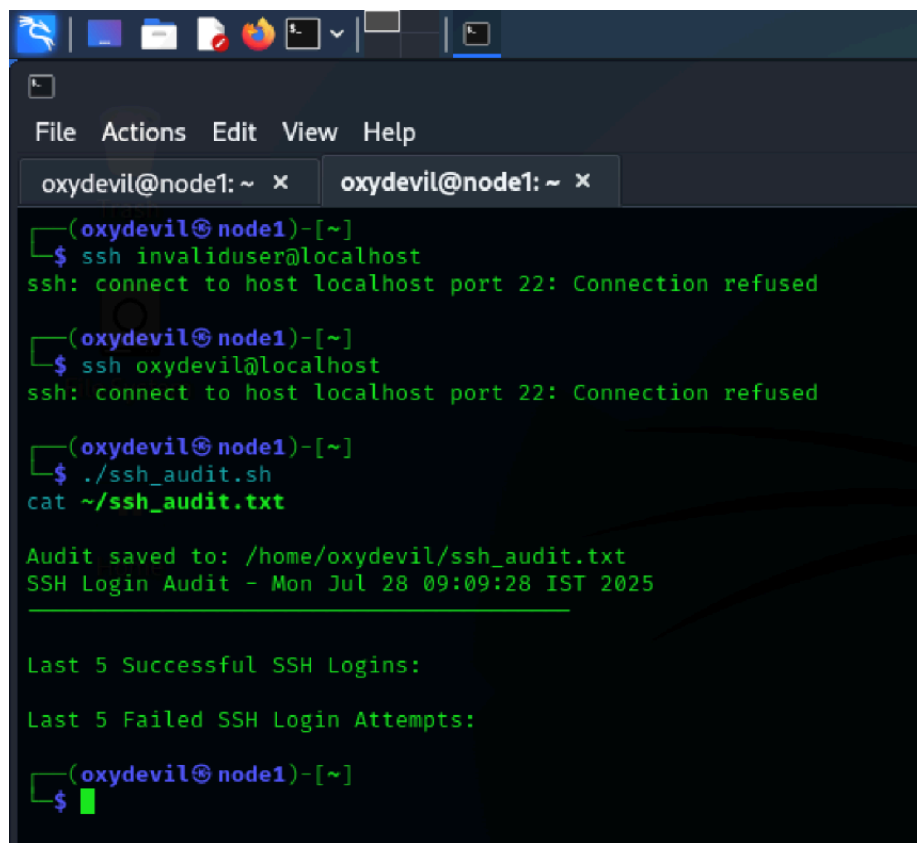
```
chmod +x ssh_audit.sh
```

## 4. Run the script

```
./ssh_audit.sh
```

## 5. View the result

```
cat ssh_audit.txt
```



```
oxydevil@node1: ~  
oxydevil@node1: ~  
(oxydevil@node1)-[~]  
$ ssh invaliduser@localhost  
ssh: connect to host localhost port 22: Connection refused  
  
(oxydevil@node1)-[~]  
$ ssh oxydevil@localhost  
ssh: connect to host localhost port 22: Connection refused  
  
(oxydevil@node1)-[~]  
$ ./ssh_audit.sh  
cat ~/ssh_audit.txt  
  
Audit saved to: /home/oxydevil/ssh_audit.txt  
SSH Login Audit - Mon Jul 28 09:09:28 IST 2025  
-----  
  
Last 5 Successful SSH Logins:  
  
Last 5 Failed SSH Login Attempts:  
  
(oxydevil@node1)-[~]  
$
```