

If All Goes Wrong

Taken from https://en.wikibooks.org/wiki/Linux_Guide/Reset_a_forgotten_root_password

Boot into recovery mode from GRUB

1. Shut down the device.
2. Start it again. When you see GRUB menu, press the 'e' key on the keyboard before the system starts booting.
3. In the GRUB boot options, scroll down and locate the line that begins with 'linux'. In this line move the cursor to the end of this line, after 'ro quiet'. Append the parameter `init=/bin/bash`
4. Press Ctrl+X, or F10, to boot.
5. `mount -n -o remount,rw /`

Check terminal shell

```
cat /etc/passwd
```

```
usermod -s /bin/bash [user]
```

Change user password

```
passwd [user]
```

Backups to External Kali

Machine Names: web, shell-ftp, database, dns

Backup

See Linux Checklist

Restore

- `iptables -I OUTPUT -p tcp --dport 22 -j ACCEPT`
- `sftp backup@172.18.15.<T>6`
 - When it prompts for password, enter "S@lcianaszkot23" without quotes
 - Note: You will not be able to see the password as you type.
- `cd [machine name]`
- `get *`
- `exit`
- `iptables -D OUTPUT 1`

Tar Reference

- Zip: `tar -zcvf [backup].tar.gz *`
- Extract: `tar -zxvf [backup].tar.gz -C [directory]`

Network Monitoring

Wireshark on external or internal Kali VM