

Choose boot Kernel

Proxmox comes with a built-in tool called `proxmox-boot-tool`. We can list the available kernels on the system and choose the best kernel and set it to always boot from this kernel.

List and choose boot Kernel

```
proxmox-boot-tool kernel list
```

Example output:

```
root@pve5:~# proxmox-boot-tool kernel list
Manually selected kernels:
6.2.16-4-pve

Automatically selected kernels:
5.15.108-1-pve

Pinned kernel:
5.15.108-1-pve
root@pve5:~# █
```

Now that we know which kernel we want we must run the following command and reboot.

```
proxmox-boot-tool kernel pin 5.15.108-1-pve && reboot
```

This will pin the kernel we want to use. We may need to unpin a kernel we don't want. The following command can be used to remove a kernel from the pinned list

```
proxmox-boot-tool kernel unpin 5.15.108-1-pve
```

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