

# CentOS Not Booting

Apr 2021

**aka Centos Emergency Mode.**

This has been listed under IPHE, not because it is specific to IPHE (because it is not) but because it was on an IPHE system that I first observed this phenomenon.

After a server was rebooted (and I cannot say whether this was a reboot from a command line, a server crash, someone pulling out the power cables, a power cut etc) the end result is that the server will not fully boot up, instead we end up in '**emergency mode**'.

When logging in to the server from command KVM or from BMC (or whatever remote management is present) we can see the following tale screen:

```
Welcome to emergency mode! After logging in, type "journalctl -xb" to view
system logs, "systemctl reboot" to reboot, "systemctl default" or ^D to
try again to boot into default mode.
Give root password for maintenance
(or press Control-D to continue):
Login incorrect

Give root password for maintenance
(or press Control-D to continue): _
```

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