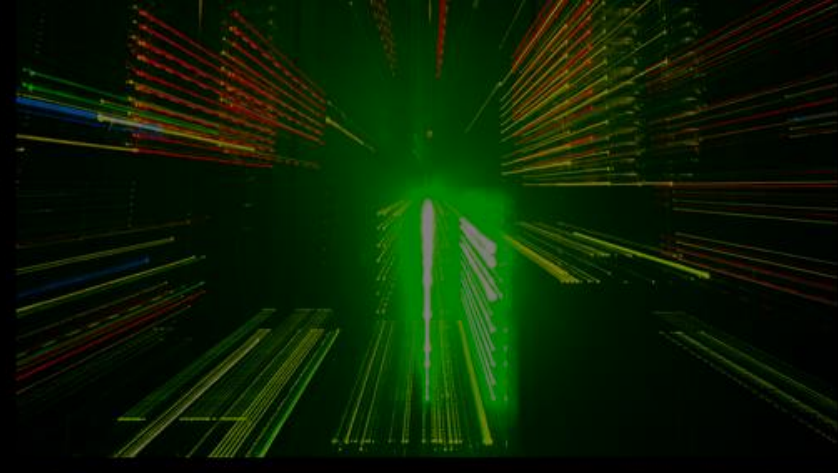# RALPP
EL9 Thoughts

PPD Status and Plans

Chris Brew

Status

- EL9 Transition mostly complete
  - Small number of C7 Nodes left
    - Mostly desktops/lab machines
    - A few nodes with special hardware
    - A very small number might need to move to a locked down legacy network
- Rocky rather than Alma (Common RAL/STFC decision)
  - 1 Alma node
  - 6 Rocky 8 nodes – 4 dCache and 2 Virtual Desktops

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Process

- Mostly "Upgrade in Place"
  - PXEBoot to Kickstart script with no disk config
  - Manual Partition leaving as much data as possible
  - Install $\implies$ Puppet $\implies$ Service back up and running 1-2hrs
  - Did not drain disk servers!

Transitions

- OpenLDAP $\implies$ FreeIPA
- Ganglia $\implies$ Prometheus/Grafana
- NFS Home $\implies$ DRBD + NFS Home

- Scripty Mess $\implies$ ~~Cobbler?~~
- IPTables $\implies$ Firewalld

Final Thoughts

- Considering we took a two major version jump the transition is very smooth

- Configuration Management helps a lot

- ArcCE on EL9 seems to be a non-deterministic system

- And I did manage to use the transition to shut off quite a few obsolete web sites (though not all☹)

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