Warewulf: An overview, new features, and community updates

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Overview

- Stateless OS provisioning system
- Components:
  - Warewulf managed services: DHCP, TFTP, NFS
  - Node images
  - Overlays (system, runtime)
  - Node profiles
  - Nodes
- Warewulf server, node profiles, and node configurations all in YAML
Upcoming Features in Warewulf 4.5

● Disk partitioning with Ignition. For example, creating a 1G swap partition on a node configuration.

```bash
wwctl node set n01
--diskname /dev/vda
--partname swap --partsize=1024 --partnumber 1
--fsname swap --fsformat swap --fspath /swap
```

● GRUB Netboot (technical preview)
  ○ Enable by setting `grubboot: true` in /etc/warewulf/warewulf.conf
Community Updates

- Established [contribution](#) and [maintenance](#) policies
- Established [technical steering committee](#) and elected committee chair
- Quarterly community meetings
  - Features 1-2 sites presenting on their Warewulf deployment
- Bi-monthly developer and committee meetings
  - Focused on issues, milestones, and pending PRs
Get Involved Today!

- Slack: https://warewulf.slack.com
- Warewulf Code Base: https://github.com/warewulf/warewulf
- Bootable Warewulf Node Images: https://github.com/warewulf/warewulf-node-images
Questions?