

Are we building containers the right way?



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NAME

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SYNOPSIS

arun [--admin systems] [--developer] [--os internals] [--containers] [--k8s] [--ci/cd] [--configuration mgmt] [--other]

SUMMARY

I'm sys admin by heart who loves to spend most of the times debugging/troubleshooting complex problems and yes Linux is Love.

OPTIONS

--Works-at : Qualcomm Inc.

--Passionate-about: Python, Golang, k8s, cloud, os internals.

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Thanks!

QnA



Agenda

- Linux Capabilities
- Kernel features
 - cgroup
 - namespace
- demonstration

References

- <https://docs.docker.com/engine/security/security/>
- https://docs.docker.com/engine/security/trust/content_trust/
- <https://docs.docker.com/engine/security/usersns-remap/>
- <https://docs.docker.com/engine/security/rootless/>
- <https://docs.docker.com/engine/security/trust/>
- <https://docs.docker.com/engine/security/seccomp/>
- <https://www.linux.com/news/understanding-and-securing-linux-namespaces/>
- <http://man7.org/linux/man-pages/man7/capabilities.7.html>
- <http://manpages.ubuntu.com/manpages/bionic/man8/pscap.8.html>
- <https://access.redhat.com/articles/882463>
- <https://sourceware.org/systemtap/examples/>
- <https://access.redhat.com/solutions/5441>

**“Premature optimization is the root of all
evil”**



- Knuth