Container Security

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NAME

      Arun Chaudhary - DevOps Engineer, Sr

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 : Giant semiconductor company@Hyderabad

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

SEE ALSO

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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/userns-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