**Additional Resources**

Learn more about...

**Cloud Native Architecture**

* [Adoption of Cloud-Native Architecture, Part 1: Architecture Evolution and Maturity](https://www.infoq.com/articles/cloud-native-architecture-adoption-part1/), by Srini Penchikala, Marcio Esteves, and Richard Seroter (2019)
* [5 principles for cloud-native architecture-what it is and how to master it](https://cloud.google.com/blog/products/application-development/5-principles-for-cloud-native-architecture-what-it-is-and-how-to-master-it), by Tom Grey (2019)
* [What is cloud native and what are cloud native applications?](https://tanzu.vmware.com/cloud-native)
* [CNCF Cloud Native Interactive Landscape](https://landscape.cncf.io/)

**Well-Architected Framework**

* [Google Cloud Architecture Framework](https://cloud.google.com/architecture/framework)
* [AWS Well-Architected Framework](https://docs.aws.amazon.com/wellarchitected/latest/framework/welcome.html)
* [Microsoft Azure Well-Architected Framework](https://docs.microsoft.com/en-us/azure/architecture/framework/)

**Microservices**

* [What are microservices?](https://microservices.io/)
* [Microservices](https://martinfowler.com/articles/microservices.html), by James Lewis and Martin Fowler
* [Adopting Microservices at Netflix: Lessons for Architectural Design](https://www.nginx.com/blog/microservices-at-netflix-architectural-best-practices/)

**Serverless**

* [The CNCF takes steps toward serverless computing](https://www.cncf.io/blog/2018/02/14/cncf-takes-first-step-towards-serverless-computing/), by Kristen Evans (2018)
* [CNCF Serverless Whitepaper v1.0](https://www.google.com/url?q=https://github.com/cncf/wg-serverless/tree/master/whitepapers/serverless-overview&sa=D&source=docs&ust=1636466570370000&usg=AOvVaw1xOr0iKDTSiS3io2WmyrQJ) (2019)
* [Serverless Architecture](https://cloud.google.com/serverless/whitepaper)

**Site Reliability Engineering**

* [SRE Book](https://sre.google/sre-book/introduction/), by Benjamin Treynor Sloss (2017)
* [DevOps, SRE, and Platform Engineering](https://iximiuz.com/en/posts/devops-sre-and-platform-engineering/), by Ivan Velicho (2021)

**Additional Resources**

Learn more about...

**The History of Containers**

* [A Brief History of Containers: From the 1970s Till Now](https://blog.aquasec.com/a-brief-history-of-containers-from-1970s-chroot-to-docker-2016), by Rani Osnat (2020)
* [It's Here: Docker 1.0](https://web.archive.org/web/20160426102954/https:/blog.docker.com/2014/06/its-here-docker-1-0/), by Julien Barbier (2014)

**Chroot**

* [chroot](https://wiki.ubuntuusers.de/chroot/)

**Container Performance**

* [Container Performance Analysis at DockerCon 2017](https://www.brendangregg.com/blog/2017-05-15/container-performance-analysis-dockercon-2017.html" \t "_blank), by Brendan Gregg

**Best Practices on How to Build Container Images**

* [Top 20 Dockerfile Best Practices](https://sysdig.com/blog/dockerfile-best-practices/" \t "_blank), by Álvaro Iradier (2021)
* [3 simple tricks for smaller Docker images](https://learnk8s.io/blog/smaller-docker-images" \t "_blank), by Daniele Polencic (2019)
* [Best practices for building containers](https://cloud.google.com/architecture/best-practices-for-building-containers" \t "_blank)

**Alternatives to Classic Dockerfile Container Building**

* [Buildpacks vs Jib vs Dockerfile: Comparing containerization methods](https://trainingportal.linuxfoundation.org/learn/course/kubernetes-and-cloud-native-essentials-lfs250/container-orchestration/%C3%81l), by James Ward (2020)

**Service Discovery**

* [Service Discovery in a Microservices Architecture](https://www.nginx.com/blog/service-discovery-in-a-microservices-architecture/), by Chris Richardson (2015)

**Container Networking**

* [Kubernetes Networking Part 1: Networking Essentials](https://www.inovex.de/de/blog/kubernetes-networking-part-1-en/), By Simon Kurth (2021)
* [Life of a Packet (I)](https://www.youtube.com/watch?v=0Omvgd7Hg1I), by Michael Rubin (2017)
* [Computer Networking Introduction - Ethernet and IP (Heavily Illustrated)](https://iximiuz.com/en/posts/computer-networking-101/), by Ivan Velichko (2021)

**Container Storage**

* [Managing Persistence for Docker Containers](https://thenewstack.io/methods-dealing-container-storage/" \t "_blank), by Janakiram MSV (2016)

**Container and Kubernetes Security**

* [Secure containerized environments with updated thread matrix for Kubernetes](https://www.microsoft.com/security/blog/2021/03/23/secure-containerized-environments-with-updated-threat-matrix-for-kubernetes/), by Yossi Weizman (2021)

**Docker Container Playground**

* [Play with Docker](https://labs.play-with-docker.com/)