

CONTAINERS AND DOCKER

This day-long workshop describes the fundamentals of Linux namespaces and containers, the differences between other virtualization technologies and containers, and how Docker uses these technologies to implement a developer-friendly ecosystem that everyone loves to talk about.

TOPICS COVERED

The workshop covers four major topics:

- Virtualization technologies: from virtual machines to containers;
- Basics of Docker (with hands-on examples);
- Docker networking and storage models;
- Network security aspects of containers and Docker;
- Impact of Docker on data center networking.

TAKEAWAYS

After attending this workshop you'll be able to:

- Describe the differences between virtual machines and Linux containers;
- Perform basic Docker tasks;
- Describe various Docker networking models;
- Analyze the impact of Docker containers on your data center network.

AVAILABILITY

Linux Containers and Docker is a one-day on-site workshop. The workshop can be extended by in-depth technical details or discussions of customer's specific design challenges.

WHO SHOULD ATTEND

This workshop targets data center or networking architects and designers who are planning, designing or building data center infrastructure for private or public clouds offering container-based services.

If you're one of them, then this half-day workshop is a must-have overview of underlying technologies and container-related network designs and network security concerns.

ABOUT THE AUTHOR

Ivan Pepelnjak, CCIE#1354 Emeritus, is an independent network architect, book author, blogger and regular speaker at industry events like Interop, RIPE and regional NOG meetings. He has been designing and implementing large-scale service provider and enterprise networks since 1990, and is currently using his expertise to help multinational enterprises and large cloud- and service providers design next-generation data center and cloud infrastructure.

Ivan is the author of [several books covering data center technologies](#), highly praised [webinars](#), and dozens of [data center](#) and [cloud](#)-related technical articles published on [his blog](#).