

# Lesson Guide – Introducing Podman, Skopeo and Buildah

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Podman is a container engine, developed by Red Hat, and designed to be a drop-in Docker replacement. Podman is now the default container engine used by Red Hat Enterprise Linux, and it allows you to develop, run, and manage OCI Containers on Linux — all without a daemon! Podman also has the ability to share containers and pods with Kubernetes, as well as create **systemd** containers and pods. In this lesson, we will take a look at Podman, as well as its companions Skopeo and Buildah. We'll cover how to transition from Docker to Podman, and how Podman interoperates with Kubernetes and **systemd**. Upon completion of this lesson, you will have a solid high-level understanding of Podman, Skopeo, and Buildah.

## Resources

[Building, Running, and Managing Linux Containers on Red Hat Enterprise Linux 8 - Red Hat](#)

[An Introduction to Podman](#)

[Podman and Buildah for Docker Users - Red Hat Developer](#)

[Transitioning from Docker to Podman - Red Hat Developer](#)

[Intro to Podman \(Red Hat Enterprise Linux 7.6 Beta\) - Red Hat Developer](#)

[What is Podman?](#)

[Podman - GitHub](#)

[The Tool That Really Runs Your Containers: Deep Dive Into runc and OCI Specifications - mkdev](#)

[Skopeo 1.0 Released - Red Hat Blog](#)

[Skopeo - GitHub](#)

[Getting Started with Buildah - Red Hat](#)

[Podman Can Now Ease the Transition to Kubernetes and CRI-O - Red Hat Developer](#)

[RHEL 8 enables containers with the tools of software craftsmanship - Red Hat](#)