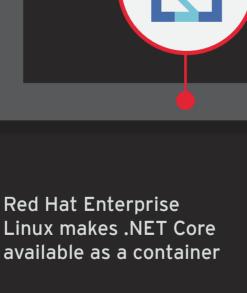
EVOLUTION OF CONTAINERS From simple idea to DevOps darling, a brief history of container technologies. Jails added Jacques Gélinas created to FreeBSD the Linux-VServer project with kernel-level isolation 2000 2001 SELinux added to Linux mainline 2003 2004 Red Hat RED HAT ENTERPRISE **Enterprise Linux 4** Solaris Zones LINUX[®] introduces virtualized adds SELinux OS environments 2005 2006 Generic process containers Google implements renamed control groups (cgroups) generic process and added to the Linux kernel containers 2007 **Linux Containers AIX Workload Partitions** (WPARs) allows users to (LXC) project virtualize the OS improves user experience 2008 Development of Kernel and user systemd begins namespaces help define privileges 2010 2009 Red Hat Enterprise Linux 6 RED HAT ENTERPRISE launches with cgroups and namespaces LINUX[®] Red Hat launches OpenShift as first enterprise PaaS based on Linux containers RED HAT OPENSHIFT 2012 Docker project Red Hat announces intent announced via dotCloud to bring Docker technology to Red Hat Enterprise Linux PyCon lightning talk and OpenShift 2013 RED HAT ENTERPRISE Red Hat Enterprise Linux 7 launches with Docker support Redesign of cgroups LINUX* increases consistency and manageability 2014 Prototype version of Google announces rkt available on GitHub Kubernetes, a container orchestration system Red Hat launches Container Red Hat Enterprise Linux 2015 Certification and Container Atomic Host launches with Development Kit (CDK) for **Docker and Kubernetes** ISV partners OpenShift 3 launches as a general-purpose container application platform built on Docker format and **Kubernetes orchestration**

Open Container Initiative (OCI) announced



Red Hat

RED HAT CLOUDFORMS

CloudForms

adds container

management

Cloud Native Computing Foundation announced



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