



kubernetes




DockerCon provides a great opportunity to get hands-on experience and best practices for operating a Kubernetes environment and learn how the Docker platform is the easiest way to get started with Kubernetes. Learn directly from real customers and industry experts who are leading the way.

WORKSHOPS		
<p>Tue 11:30am Wed 2:00pm Thu 12:30pm</p>	<p>Kubernetes 101: Getting Up and Running with Kubernetes <i>Pre-registration required</i></p> <p>Get hands-on experience and learn the architecture and fundamentals of a Kubernetes cluster including Pods, Deployments, and Services</p>	<p>Nigel Poulton Pluralsight author, author of several books and Docker Captain</p>
<p>Tue 2:00pm Wed 4:30pm Thu 2:45pm</p>	<p>Security Best Practices for Kubernetes <i>Pre-registration required</i></p> <p>Look at the different layers of security that can be applied to a Kubernetes platform</p>	<p>Scott Coulton Principal Software Engineer - Microsoft and Docker Captain</p>
BREAKOUT SESSIONS		
Tuesday, April 30	<p>12:00pm</p> <p>Docker Enterprise Platform and Architecture</p> <p>Docker Enterprise is a container platform with integrated and conformant Kubernetes, delivering a secure and enterprise-ready platform for your applications</p>	<p>Mark Church Product Manager, Docker</p>
	<p>3:00pm</p> <p>Crafty Requests: Deep Dive into a Kubernetes CVE</p> <p>A deep dive into the Kubernetes back end, including aggregated API servers, the kubelet API, and permissions for namespace-constrained users.</p>	<p>Ian Coldwater DevSecOps</p>
	<p>4:40pm</p> <p>How Docker Simplifies Kubernetes for the Masses</p> <p>Learn how Docker has added innovations to Kubernetes to simplify and abstract some of the complexities, while still providing a fully-conformant Kubernetes.</p>	<p>David Yu Product Manager, Docker</p>
	<p>4:40pm</p> <p>Building Your Development Pipeline</p> <p>Build a CI/CD pipeline with Kubernetes orchestration including building minimal images, scanning and signing images, and giving examples on how to enforce compliance standards and best practices across your teams.</p>	<p>Laura Tacho Director of Engineering, CloudBees</p> <p>Oliver Pomeroy Solutions Engineer, Docker</p>
	<p>5:30pm</p> <p>Kubernetes On-Premises Best Practices & Deploying Machine Learning Workloads Inside Visa</p> <p>Visa and Docker share what they've learned about running on-premises Kubernetes on bare metal, and some of the best practices around operating Kubernetes.</p>	<p>Anil Reddy Vatti Chief Systems Architect, Visa Inc</p> <p>Harish Jayakumar Director, Solutions Engrg, Docker</p>
Wednesday, May 1	<p>2:00pm</p> <p>How to Service Dev Teams with a Container Platform</p> <p>Discover how the McKesson cloud platform team enriches and tailors the Kubernetes platform to make it enterprise ready in the midst of serious regulatory and compliance requirements across multiple clouds and geographies.</p>	<p>Sujatha Bayyapureddy Sr Director-eCommerce, McKesson</p> <p>Roshan Kadasani Cloud Platform Engr, McKesson</p>
	<p>3:00pm</p> <p>Zero Trust Networks Come to Docker Enterprise Kubernetes</p> <p>Docker Enterprise includes Calico 3.5 for its Kubernetes networking. Discover how to build Zero Trust Kubernetes networks with Calico Application Layer Policy in concert with Istio service mesh.</p>	<p>Spike Curtis Sr Software Engineer, Tigera</p> <p>Brent Salisbury Software Alliance Engineer, Docker</p>
	<p>4:40pm</p> <p>Persisting State for Windows Workloads in Kubernetes</p> <p>Discover how to manage persistent storage, the interfaces available for Linux and how to adapt them for containerized Windows workloads.</p>	<p>Deep Debroy Engineering Manager, Docker</p> <p>Anusha Ragunathan Sr. Software Engineer, Docker</p>
	<p>4:40pm</p> <p>Using Docker Content Trust (Notary) with Kubernetes Admission Controllers to Further Secure Your Runtime</p> <p>Learn about The Update Framework (and its sister project, Notary) which are vital for making rigorous guarantees about the contents of your software package.</p>	<p>Justin Cappos Professor, NYU</p> <p>Zachary Arnold Software Engr, Ygrene Energy Fund</p>

OPEN SOURCE SUMMIT

Thu 2:30pm	Open Source Summit: Kubernetes <ul style="list-style-type: none">• Kubernetes and Container Storage Interface Update [30 mins] Michelle Au, Google• Building stateful applications on Docker Enterprise with Rook [15 mins] Roberto, Docker Inc.• Windows support - Kubernetes 1.14 windows support graduating to GA; GMSA [15 mins] Jean Rogue, Docker Inc.• Networking - CNI, Network Policy [15 mins] Arko Dasgupta, Docker Inc.• Birds of a Feather	Michelle Au Software Engineer, Google Roberto Hashioka Software Engineer, Docker Jean Rogue Sr. Software Engineer, Docker Arko Dasgupta Software Engineer, Docker
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OTHER KUBERNETES SESSIONS

 Anaplan	Building a simple cloud-native application platform on top of Kubernetes	Roberto Milev Senior Architect, Anaplan
 redhat.	Kubernetes Operator Overview, Success Stories, and Advanced Use-cases	Rob Szumski Product Manager, Red Hat
 RANCHER	Kubernetes on the Edge and Beyond	Darren Shepherd Chief Architect, Rancher



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