Repeatable Processes
for Building Secure Containers
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11:25am-12:15pm Wednesday, 2015/08/19

Location: Capitol Hill

http://lccocc2015.sched.org/event/c8e8414ceee2f7e4c360099e3efac33f
Our Stack

- Atomic Host
- Docker
- Kubernetes
- OpenShift
Introducing OpenShift

- github.com/openshift/origin
- OpenShift.org
- commons.OpenShift.org
- OpenShift.com
New Models

Pieces and Relations
Interfaces

Even Higher Level Tools
Streams of Images

https://docs.openshift.org/latest/architecture/core_concepts/builds_and_imageStreams.html#image-streams
Environment Variables

`oc env dc/mydc KEY=VALUE`

https://docs.openshift.org/latest/dev_guide/environment_variables.html
Builds

https://docs.openshift.org/latest/architecture/core_concepts/builds_and_imageStreams.html#builds
Docker Build

https://docs.openshift.org/latest/architecture/core_concepts/builds_and_image_streams.html#docker-build
Source to Image

https://docs.openshift.org/latest/creating_images/s2i.html#build-process

https://docs.openshift.org/latest/architecture/core_concepts/builds_and_image_streams.html#source-build
Custom Builds

https://docs.openshift.org/latest/architecture/core_concepts/builds_and_image_streams.html#custom-build
Templates

https://docs.openshift.org/latest/dev_guide/templates.html
Secrets
https://docs.openshift.org/latest/dev_guide/secrets.html
Secure Registry Access

https://docs.openshift.org/latest/dev_guide/image_pull_secrets.html
Notary
Docker Content Trust
http://blog.docker.com/2015/08/content-trust-docker-1-8/
VM and Workshop


Ansible Installer

http://github.com/openshift/openshift-ansible

Free K8s ebook

https://www.openshift.com/promotions/kubernetes
Thank You!

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