



Our Journey to OpenShift @ GE

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About Us

Container Cloud Team

- Small team from different backgrounds and skillsets
- Dedicated to Kubernetes-as-a-Service at GE
- GE Digital – CoreTech – Private Cloud



Tim Oliver
Senior Staff Software
Engineer

Jackie Chute
Senior Site Reliability
Engineer



Jay Ryan
Staff Infrastructure
Architect

GE – What do we do?

- Aviation
- Healthcare
- Transportation
- Renewables
- Oil and Gas

•Power



GE Digital - CoreTech

- IT support for GE 540,000+ people in ~170 countries
- 7,000+ Enterprise Applications
- Strong footprints in AWS and Azure (1000+ Applications migrated)
- Data Centers around the globe



Containers at GE



OpenShift @ GE

- Kubernetes-as-a-Service
- Fully Automated and Orchestrated
- Secure registries / Pipelines
- 3 Types - Shared Clusters/Dedicated Nodes/Dedicated Clusters
- Project guardrails



Opportunities

- RBAC
- Identity
- Tenancy
- Ingress



The Future

- More Clouds
- Dedicated ephemeral build environments
- Red Hat CoreOS / CRI-O
- Customer innovation



