Devops Toolchain @ Xerox

Azure Users Group: February 7, 2020

xerox™

What do we do: Xerox Apps Ecosystem

- 3 development teams (apps 1, apps 2 & app gallery)
- 4 Azure regions in the US and Europe
- 112 app services, 12 Azure Functions
- 251 app slots
- 42 container instances
- 10 key vaults
- 71 SQL databases
- 10 dashboards
- 28 storage accounts
- 245 traffic manager profiles
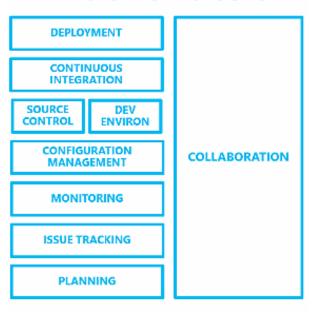
xerox™

I wish somebody told me….

What do you need to develop in the cloud?

You need, the right tools in the right hands

DEVOPS TECHNOLOGIES

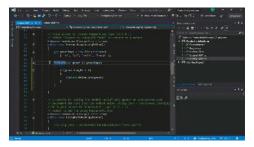| DEPLOYMENT	
CONTINUOUS INTEGRATION	
SOURCE CONTROL / DEV ENVIRON	COLLABORATION
CONFIGURATION MANAGEMENT	
MONITORING	
ISSUE TRACKING	
PLANNING	

✓ **Collaboration technologies.** Help teams work together more easily, regardless of location.

✓ **Planning technologies**. Provide transparency to stakeholders.

✓ **Issue tracking technologies**. Increase responsiveness and visibility.

✓ **Monitoring technologies**. Clear, shared responsibility for relevant parts of service health.

✓ **Configuration management technologies**. Enforcing desired state and consistency at scale.

✓ **Source control**. Accessible, controlled means for storing key assets.

✓ **Development environment technologies**. Accelerating development by reducing setup time and inconsistencies.

✓ **Continuous integration technologies**. Instant feedback by merging code regularly.

✓ **Deployment technologies.** Tools for building out environments and regularly updating systems.

xerox™

What do we use to develop in the cloud?

✓ **Development environment technologies**. Accelerating development by reducing setup time and inconsistencies.

✓ **Deployment technologies.** Tools for building out environments and regularly updating systems.
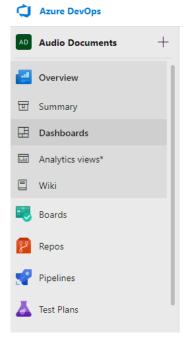
✓ **Collaboration technologies.** Help teams work together more easily, regardless of location.

xerox™

What do we use to develop in the cloud?

Azure Devops

- ✓ **Planning technologies**. Provide transparency to stakeholders.
- ✓ **Issue tracking technologies**. Increase responsiveness and visibility.
- ✓ **Configuration management technologies**. Enforcing desired state and consistency at scale.
- ✓ **Source control**. Accessible, controlled means for storing key assets.
- ✓ **Continuous integration technologies**. Instant feedback by merging code regularly.
- ✓ **Deployment technologies.** Tools for building out environments and regularly updating systems.

Azure DevOps

| AD | Audio Documents | + |

- Overview
- Summary
- Dashboards
- Analytics views*
- Wiki
- Boards
- Repos
- Pipelines
- Test Plans

xerox™

What do we use to develop in the cloud?

Azure Portal

- ✓ **Monitoring technologies**. Clear, shared responsibility for relevant parts of service health.
- ✓ **Deployment technologies.** Tools for building out environments and regularly updating systems.

I wish somebody told me….

Automating a bad process, is still a bad process. **xerox**™

I wish somebody told me…

ASK

- https://docs.microsoft.com/en-us/learn/
- https://docs.microsoft.com/en-us/azure/
- Microsoft reps

xerox™

Contact info

Gregg Minichiello

- Gregg.Minichiello@gmail.com

- www.linkedin.com/in/gregg-minichiello

Zane Dick

- Zane.Dick@xerox.com

- www.linkedin.com/in/zane-dick

Shauna Ormon

- Shauna.Ormon@xerox.com

- linkedin.com/in/shauna-ormon

xerox™