What is DevOps?

The Virtuous Cycle of Processes

Culture:
- Teamwork, shared responsibility
- Communication
- Transparency of information

- 59% say communication is the biggest obstacle to success
- Define and refine who does what
- 50% are motivated by team success
- 56% are more confident working as a team
- Document everything, audit results
- 24x faster incident recovery

Collaboration:
- Teams talk to each other
- Continuous feedback
- Build empathy and trust

Practices:
- Increase abilities, repeatability
- Agile
- Automated and iterative development

- 92% say organizational agility is critical to mission success
- Agile projects are 28% more successful
- 85% use Git (or other) version control system
- 82% have code management integrated with build system/issue tracker
- 57% fewer bugs
- 47% faster changes and customer feedback

DevOps Dos and Don'ts

- Focus on culture, reduce silos and segmentation
- Build automation, leverage best practices
- Encourage innovation and experimentation
- Embrace feedback and metrics
- Reinvent the wheel
- Promote secrecy, judgment, and retribution
- Do something manual more than twice
- Get overwhelmed (change takes time)

Tools:
- Standardize, integrate technology stack
- Confluence, Jira, Bitbucket, Opsgenie
- Bamboo

Why Atlassian?

Tools That Support Your Cultural Transformation

Workflow Visibility
- Faster
- Secure
- Scalable

Confluence, Jira Software, Bitbucket, Opsgenie, Bamboo

Why is DevOps Necessary for Public Sector?

Agencies using DevOps are 2x likely to exceed savings goals
- React to public needs in real-time
- Quick feedback, quick changes, less waste

Tools:
- Confluence
- Jira Software
- Bitbucket
- Opsgenie
- Bamboo

DevOps for Government

Convenient, Reusable, Flexible
- Confluence
- Jira Software
- Bitbucket
- Opsgenie
- Bamboo

Operate
- Confluence
- Jira Service Desk

Monitor
- Jira, Bamboo

Security
- Opsgenie

Do

Don't

- Dev
- Sec
- Ops