BCDevExchange

DevOps and Cloud Services

Preparing your Organization for DevSecOps

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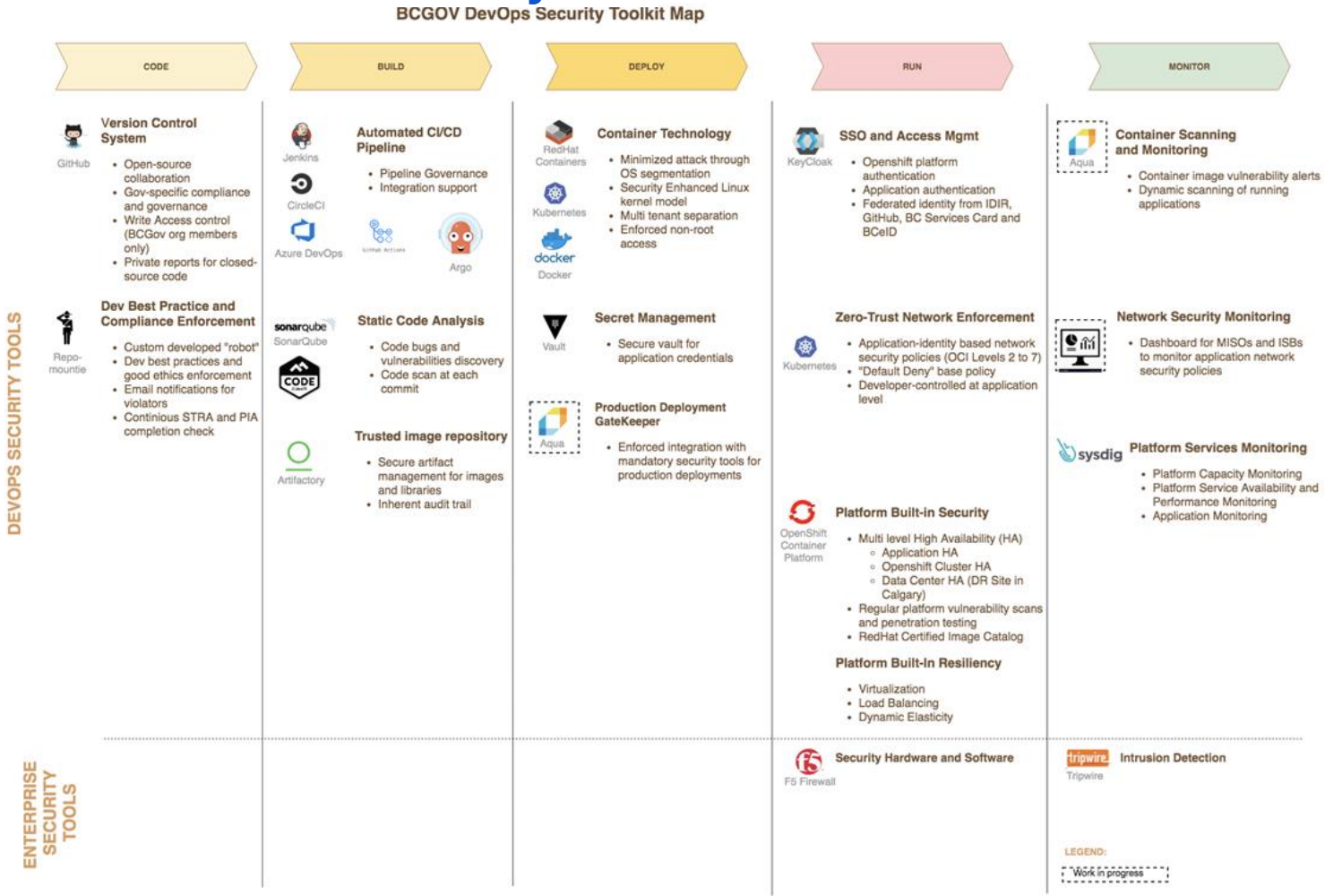
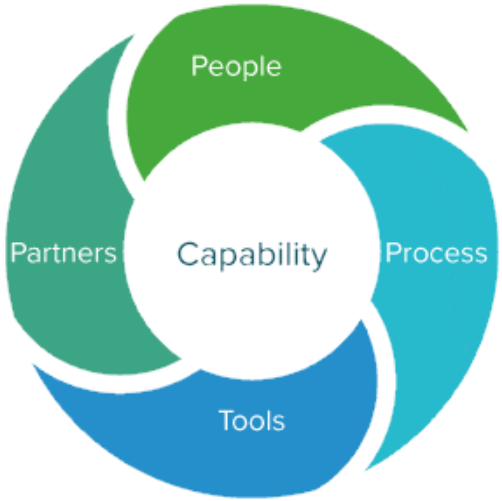
"Divide and Conquer"

- **Network Security** with Zero-Trust Model
- Container and Image **Vulnerability Scanning**
- **Secrets Management**
- **Logging/Monitoring**
- **Security Awareness**

What we have in store for you...



Improving Security Capabilities in DevOps



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Purpose/Vision - shared every time we meet

- To **build** a constantly **improving** application platform for delivery of **modern** government services
- To **inspire** a DevOps **culture shift**, which values **open-source, collaboration, communication & speed**
- To **create** a community that **takes care of each other** and works together to solve the unsolvable

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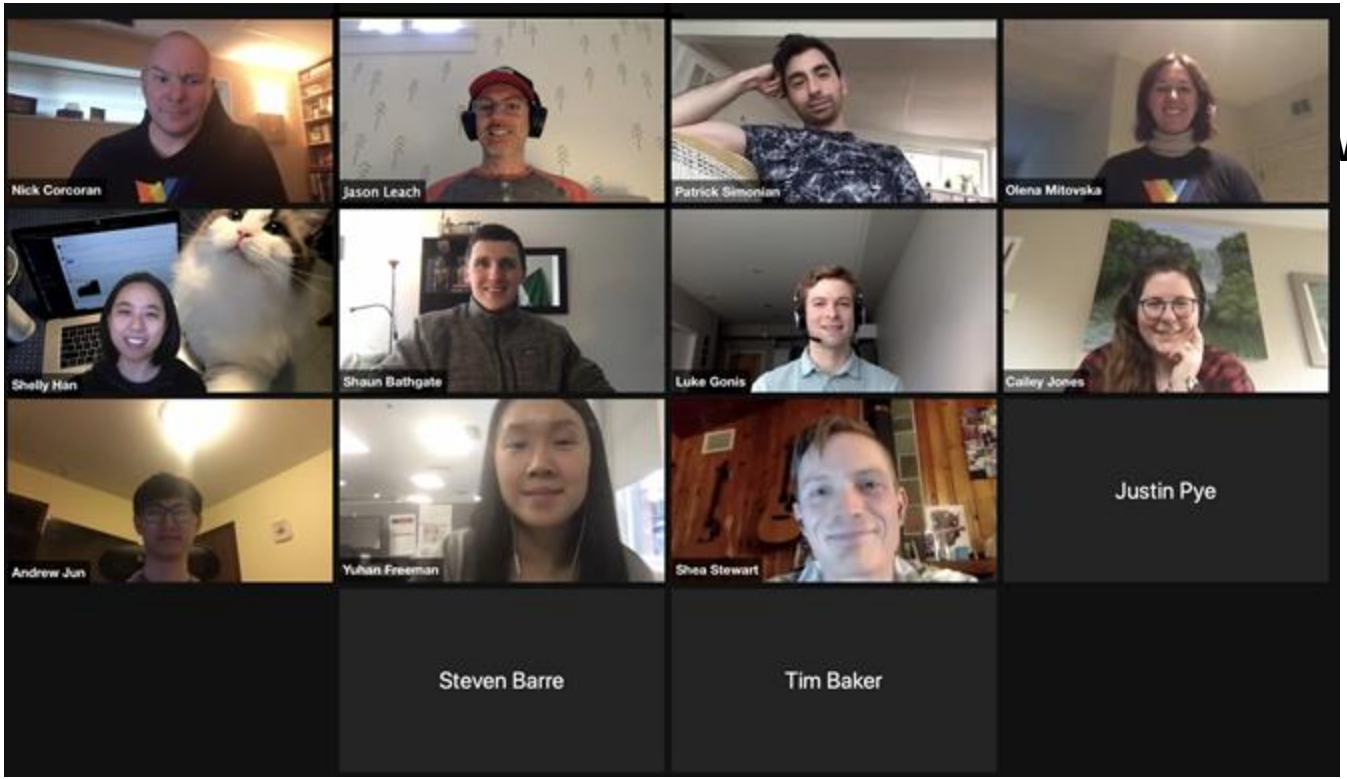
And...

- Teams are invited to demo their work in our sprint reviews
- Common Components
- Feedback for features/products
- Comms platform

The BC Gov's Platform Services Team welcomes you to the Community!



Watch our [Team Introduction Video](#)!!!!

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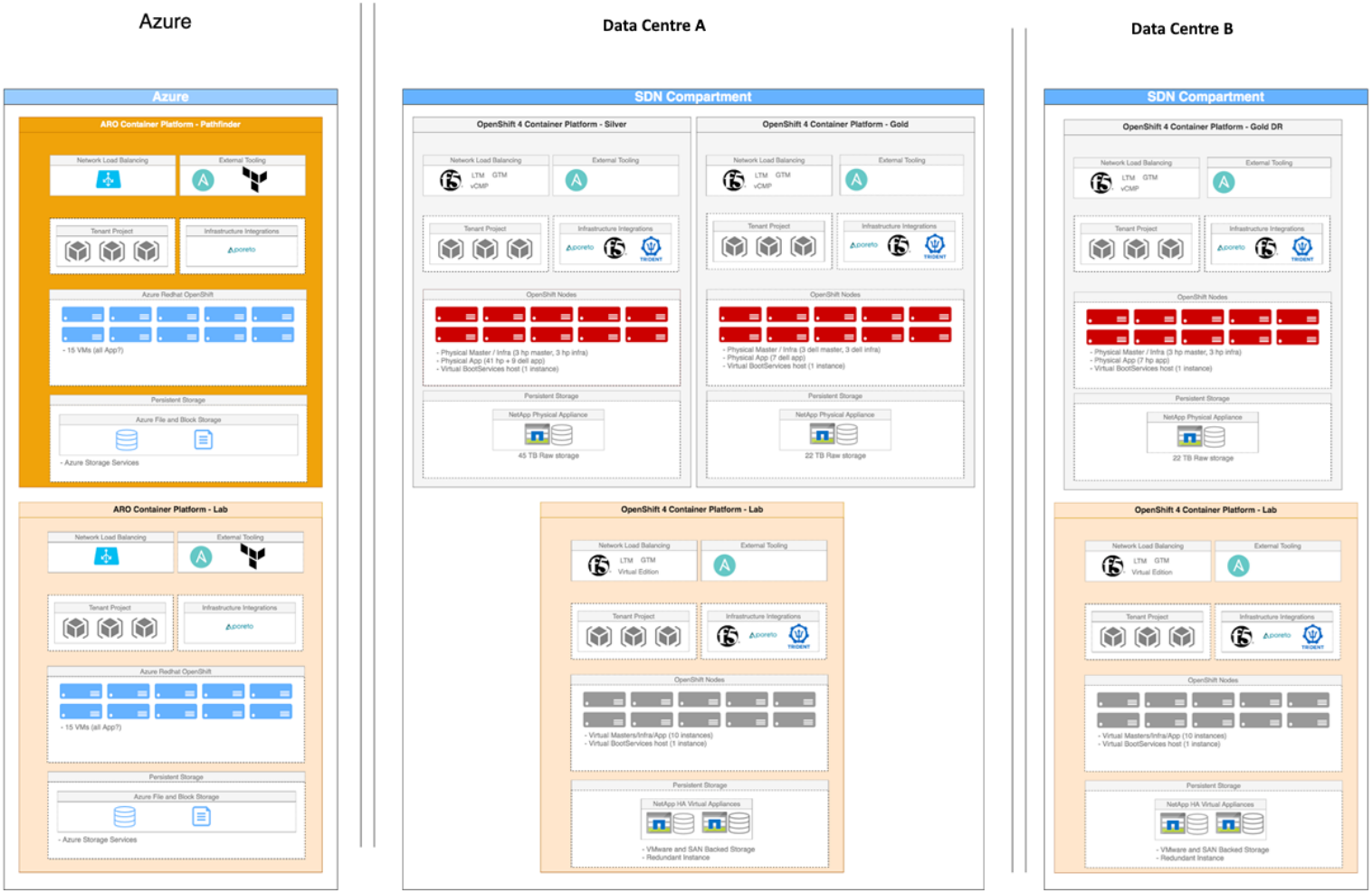
- **Tools** available to app teams to **make apps highly available**
  - Multi-node
  - HA database solutions
  - DR site

Final State: OCP 4 cluster services



Q4: How do you empower others implement security?

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- Give developers **self-serve tools that are easy to use**!
- Zero-Trust Model
- Image and Vulnerability Scanning (coming soon)
- **Pipeline templates** (coming soon)

Q5: What does it take (resource-wise) to run a platform like this?

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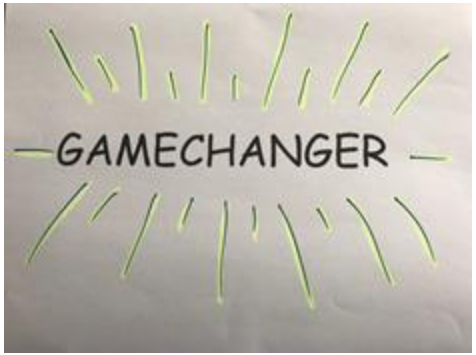
- We started as a **Pathfinder project** with limited staff and invited experienced teams who loved experimenting with new tech
- To become more enterprise ready, we needed to **educate community and onboard more staff** to support
  - ~10 gov staff, 5 contractors, data centre support staff (4) all working together
  - Product **teams rely on each other for support** and only reaching to Platform Services Team if they cannot get help from the Community
  - Most cluster and tool management as well as project provisioning is **automated through GitOps** and **infrastructure as a code**

We're Better Together!



Thank you

PS: Remember -> Try. Experiment. Iterate. Fail. Try again. Change the world, together!