



The bridge to possible

Automating your SecOps and Application Delivery Using CI/CD Pipeline

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Cisco Webex App

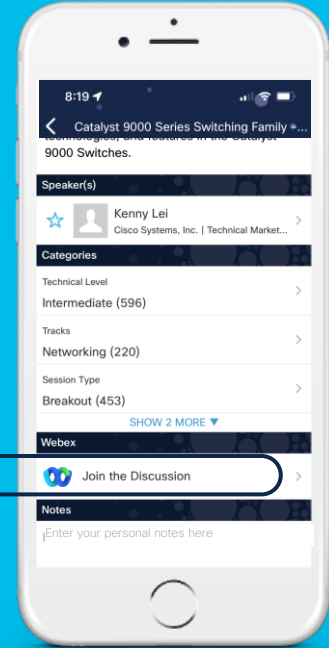
Questions?

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How

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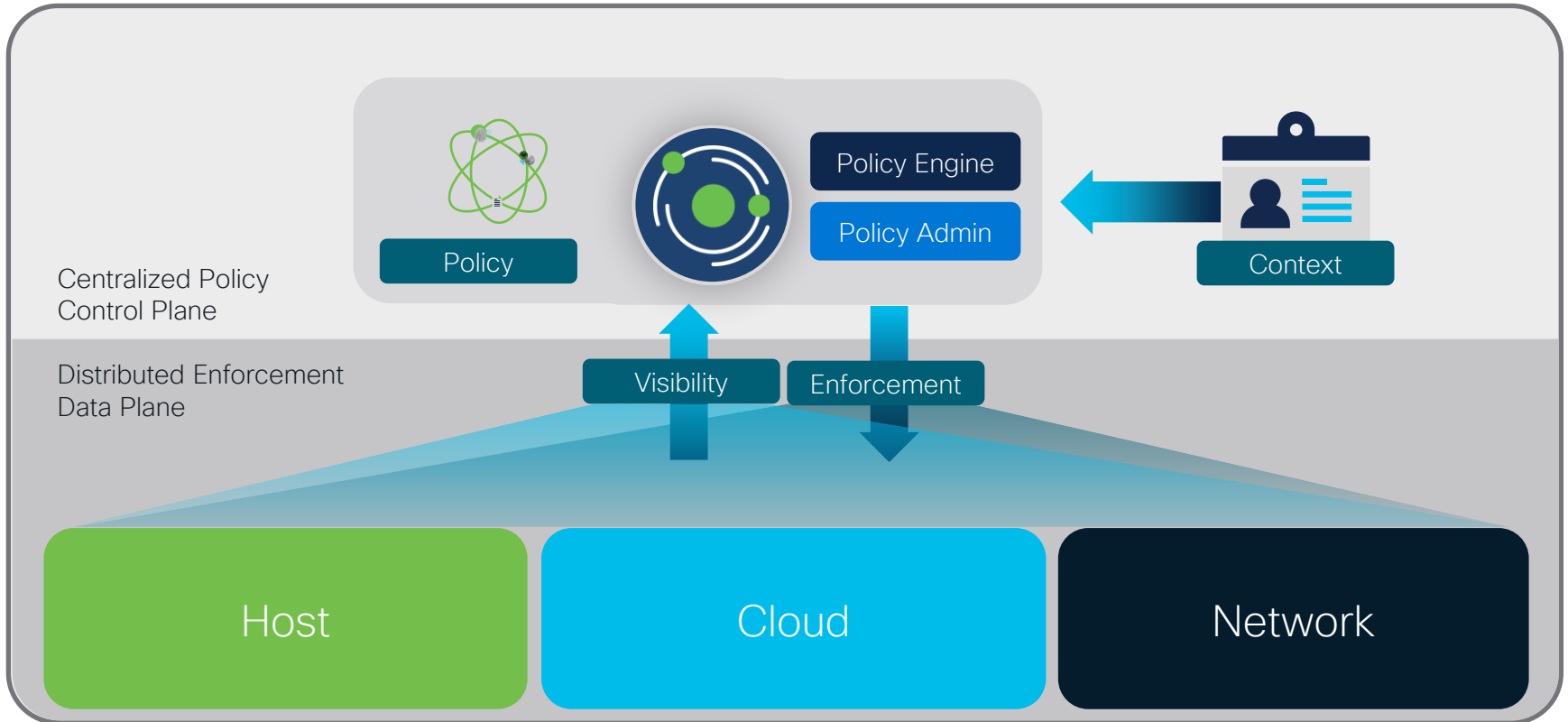
Agenda

- CI/CD Overview
- Secure Workload Overview
- Putting it all Together
- Demo
- Conclusion

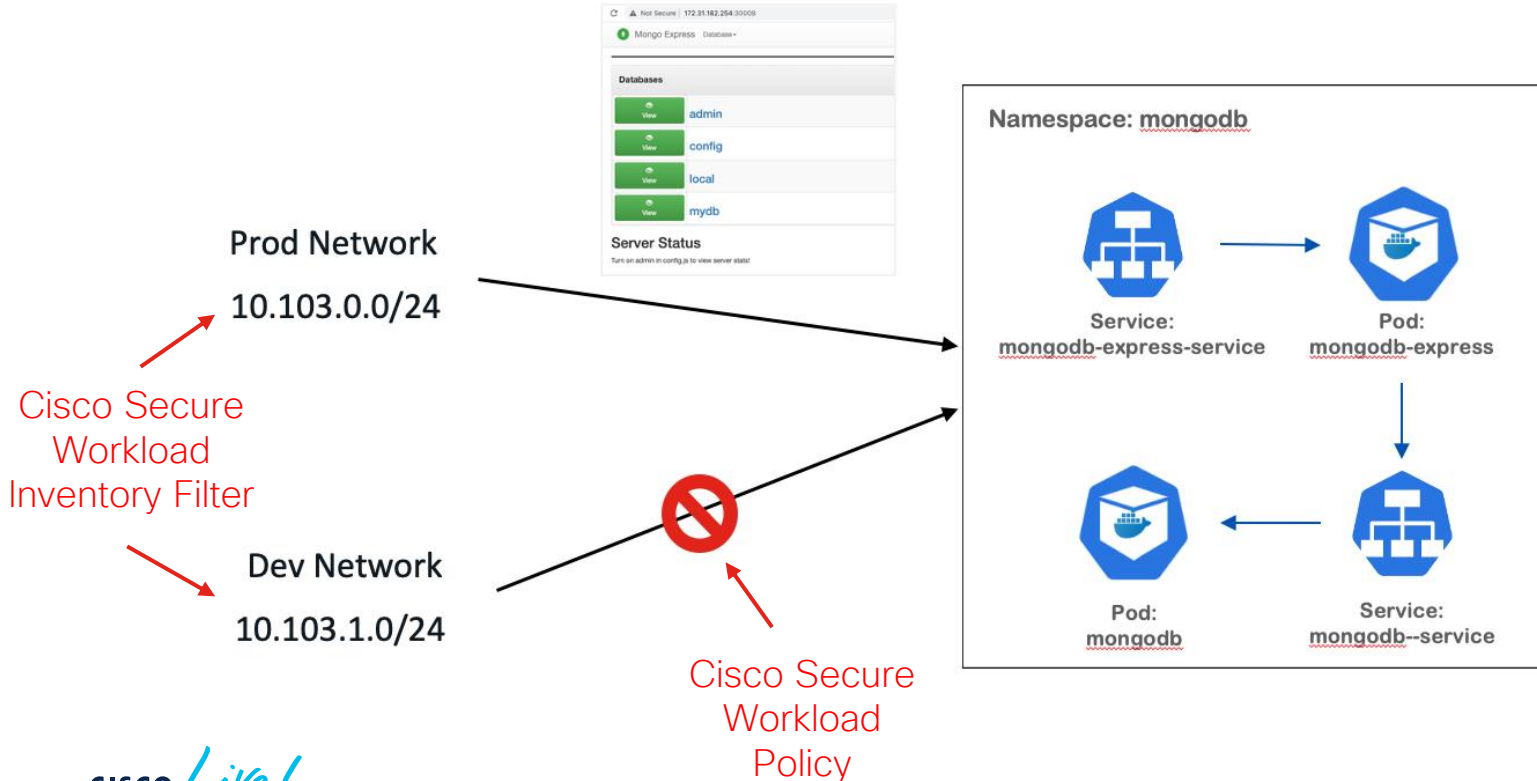
Continuous Integration and Continuous Deployment (CI/CD)

- Policy-as-code- a method of defining and managing security rules, criteria, and conditions through code
- Policies written in a high-level language- easy to understand and consistent across users
- Benefits
 - Version Control – stored as simple text files together with your source code and are managed by the version control system
 - Automation – policies are stored along with the source files and easily automated
 - Best Practices – users can group similar policies into policy sets and enforce policies across all stages of application deployment

Cisco Secure Workload: Overview



Sock-Shop online application



Putting it all together: Secure Workload + CI/CD + GIT

- Sock Shop is the Application
- Cisco Secure Workload is Policy Enforcement Engine
- GIT workflows to manage policy resources, merge and commit
- CI/CD pipeline to validate user data and access, **FILTERS** and **POLICIES**
- Python API to manage policy life cycle in Secure Workload
- Demo



Demo

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