

Securely Connecting to Your Servers



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Overview



Secret management

- GitHub secrets

Environments

- Secrets
- Approvals

Adding Ansible Vault

Find & replace for secrets



Secret Management





No secrets in source control

Secrets should never be stored in source control. Public secrets can be misused within a matter of minutes.



Securely Storing Secrets

Repository secret

Secret is available to workflows in the same repository

Organization secret

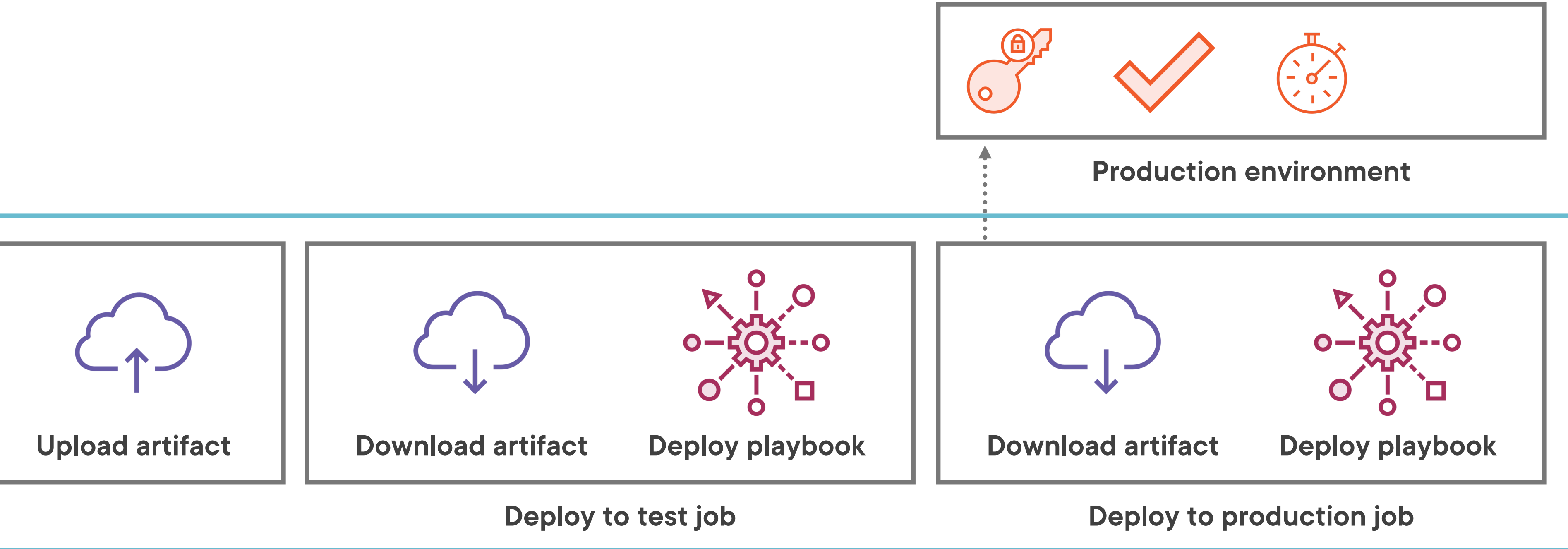
Secret can be used by all workflows, in all repositories belonging to the organization

Environment secret

Secret is available to all workflows in the repository that use the environment



GitHub Environments



Demo



Adding an environment

- Configure an approver
- Add a secret

Remove the repository secret



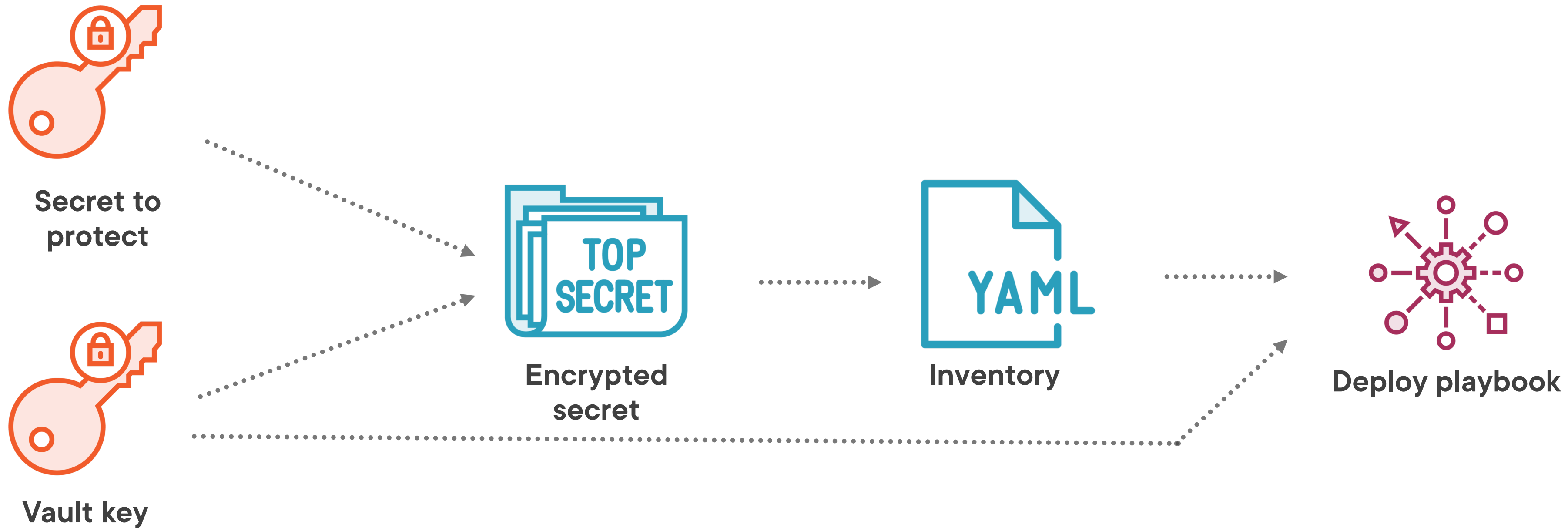
Demo



Working with Ansible Vault



Ansible Vault



Demo



Creating an Ansible Vault

Storing the key as an environment secret

Updating the pipeline



Demo



Update test inventory with a placeholder for the password

Add find & replace task to workflow



Summary



GitHub Secrets

- Organization
- Repository
- Environment

Approvals

Ansible Vault

Find & replace secrets





Congratulations and
thank you!

