COP220

Account provisioning & customization using Terraform with AWS Control Tower

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Agenda

AWS Control Tower Account Factory for Terraform (AFT) overview

AFT demos

Common questions

Documentation and support

AFT launch partners

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AWS Control Tower Account Factory for Terraform (AFT)

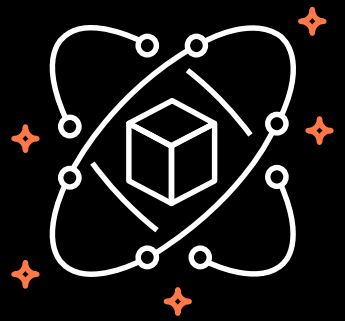
Terraform pipeline to provision and customize your accounts in AWS Control Tower



AWS Control Tower governance benefits



Create and customize accounts

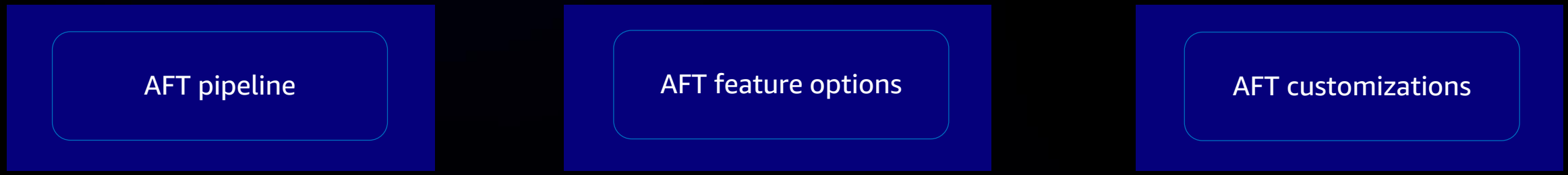


Supports
Terraform Cloud
Terraform Enterprise
Terraform Open Source

aws

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AFT high-level components



Pipeline-based account vending and customization

Owned and supported by AWS Control Tower

Optionally enable features built to AWS prescriptive guidance

Owned and supported by AWS Control Tower

Customize accounts with public or private Terraform modules

Customer responsible for all module configuration

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AFT features & customizations

AFT feature options



CloudTrail data events for Amazon S3 buckets and Lambda functions



Automated enterprise support enrollment



Deletion of default VPCs for all Regions in an account

AFT customizations



Custom Terraform modules

aws

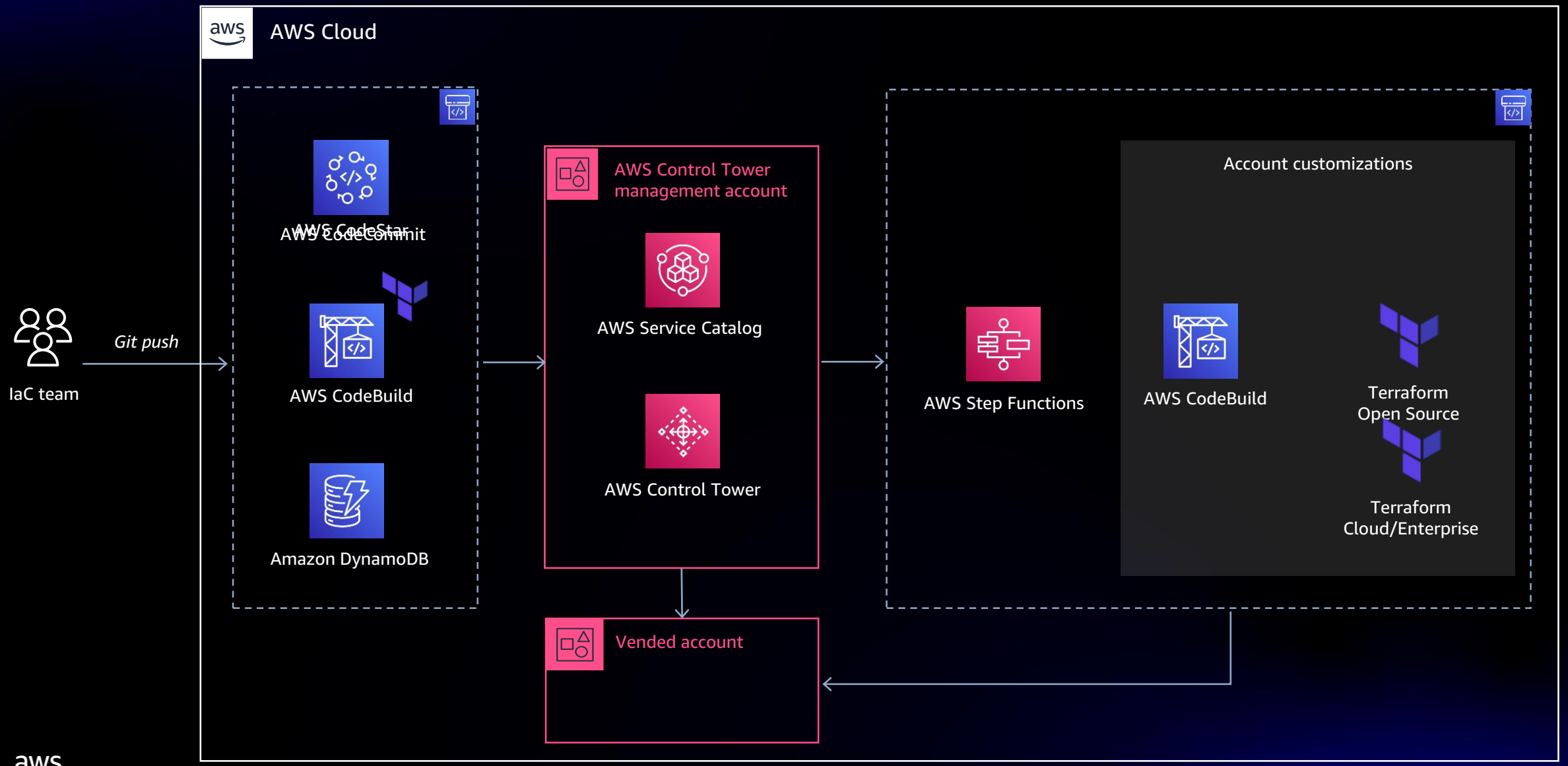
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Deployment prerequisites

- AWS Control Tower deployed – AFT management account provisioned
- Terraform version 0.15.5 and above supported
- Terraform Cloud or Terraform Enterprise configured (optional)
- Provide AWS Service Catalog access to account factory
- Deploy account factory repositories and examples

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AFT account request overview



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AFT demo

- Deployment walkthrough
- Repository overview
- Account request walkthrough
- Global customizations walkthrough
- Re-invoking customizations walkthrough
- Customizations pipeline walkthrough
- Account customizations overview

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Common questions

- What is the impact of forking code?
- Can I use air-gapped environments with Terraform Enterprise?
- How do I use an alternate VCS like GitLab?

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Documentation and support

- AFT is included in AWS Control Tower User Guide
  - Includes setup and customization details
- Support available via AWS Premium Support

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AFT launch partners





















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Recap and next steps

Begin deployment of your new Terraform pipeline to provision and customize your accounts in AWS Control Tower

Go to the AWS Control Tower User Guide for full instructions on how to install and configure AFT



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Thank you!

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