HashiCorp
Terraform

Terraform Enterprise Onboarding Program Closing Thoughts

Agenda

Onboarding Program Recap
Look back at what we've accomplished the last 7 weeks
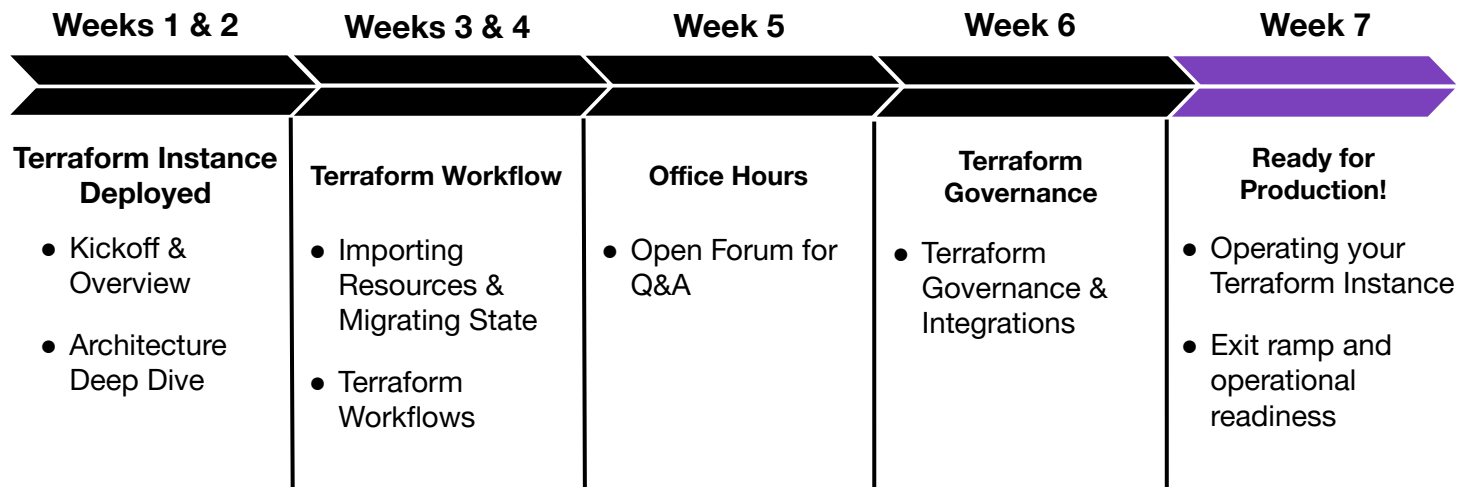
Production Readiness
Terraform Enterprise Production Checkpoints

Exit Program Resources
Resources to support your post-program journey

Terraform Enterprise Path to Production

Weeks 1 & 2	Weeks 3 & 4	Week 5	Week 6	Week 7

Terraform Instance Deployed

- Kickoff & Overview
- Architecture Deep Dive

Terraform Workflow

- Importing Resources & Migrating State
- Terraform Workflows

Office Hours

- Open Forum for Q&A

Terraform Governance

- Terraform Governance & Integrations

Ready for Production!

- Operating your Terraform Instance
- Exit ramp and operational readiness

Onboarding Goal

Our objective is to enable your team to successfully deploy the platform and see value within 90 days

✓ Terraform Enterprise Installed
- Terraform Enterprise installed in your environment(s)
- Basic configuration completed
- Telemetry and monitoring in place
- Deployment and operational patterns established

✓ Terraform Enterprise Operational
- Organizations, Teams, and Users created & SAML integration in place (if being used)
- First team onboarded and consuming Terraform Enterprise
- A roadmap created for onboarding additional teams to the platform

✓ Completed within 90 days
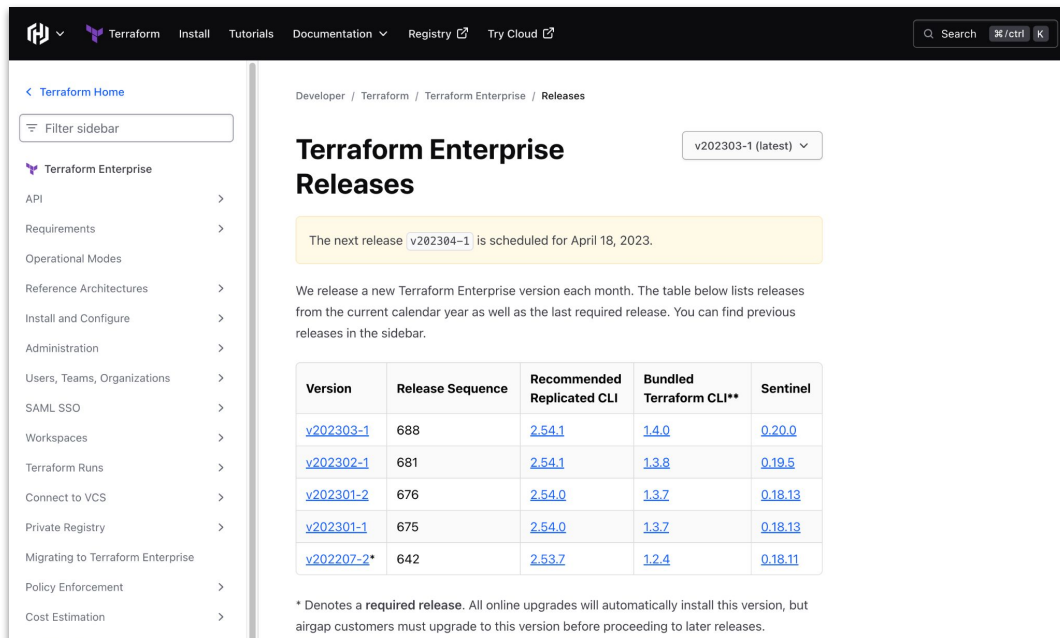
Terraform Enterprise
Production Readiness Checkpoint

Terraform Production Readiness

Bookmark TFE releases page:
https://developer.hashicorp.com/terraform/enterprise/releases

Terraform Production Readiness

Subscribe to release notifications:
https://groups.google.com/g/hashicorp-announce

Terraform Production Readiness

Join security & vulnerability announcements list
https://discuss.hashicorp.com/c/security/52

Terraform Enterprise Production Readiness

- Architectural Decisions
- Production Deployment Timeline
- Use Case Implementation
- Baseline Operations

Terraform Enterprise

Readiness Checklist

- ● Architectural Decisions
  - ● Network access (Online or Air-Gapped install)
  - ● Installation location(s) determined
  - ● Operational mode determined
    - ○ VMWare - Mounted Disk
    - ○ Cloud Install - External Services
  - ● Primary Operational Mode(s) Selected
    - ○ VCS Driven
    - ○ CLI
    - ○ API
    - ○ Agents
  - ● SSO Configured
  - ● VCS Configured

Terraform Enterprise

Readiness Checklist

● Production deployment

- Deployed in non-production environment(s)

- Production deployment planned & completed

- Testing plan established

- Plan for migration of existing OSS, state, variables, & applicable resources to the new platform

Terraform Enterprise

Readiness Checklist

Use Case Implementation

- First use case implemented

- First team consuming the platform and deploying IaC with Terraform Enterprise

- Usage of Private Module Registry (PMR) and migration of existing reusable code to PMR to create standard modules

- Plan for implementation of policy and governance

Terraform Enterprise

Readiness Checklist

● Baseline Operations

- Backup & Restore strategy implemented
  - Backup strategy defined
  - Backup strategy tested
  - Cold standby implementation plan in place
  - Installation of TFE codified

- Upgrade cadence established
  - Minimum 4X per year upgrade cycle
  - Plan for testing in non-prod environments prior to upgrade

- Terraform code version upgrade plan
  - Lifecycle management plan established for TF code version(s) being used
  - Lifecycle management plan established for modules

Content & Resources

Additional Resources

- [Terraform Enterprise Adoption Guide](#)

- [Terraform Enterprise Recommended Practices and Workflows](#)

- [Recommended Terraform Enterprise Patterns](#)

- [Terraform Enterprise Production Readiness](#)

- [Terraform Tutorials Page](#)

- [Terraform Enterprise Homepage](#)

TFE Onboarding Journey

Custom Learn Collections

- [Week 1 - Welcome to TFE](#)

- [Week 2 - TFE Pre-Install Checklist](#)

- [Week 3 - Define Infrastructure with TFE Resources](#)

- [Week 4 - Office Hours](#)

- [Week 5 - TFE Backups and Restore](#)

- [Week 6 - Run Workflows](#)

- [Week 7 - Active Active Reference Architecture](#)

- [Week 8 - TFE Governance](#)

Additional Training Resources
Wanting to Learn More? A Topic Not Covered? See these

- **HashiCorp YouTube Page** https://www.youtube.com/hashicorp
  Training videos, Beneath the covers, Past conferences, etc

- **HashiCorp User Groups (HUGs)** - https://www.meetup.com/pro/hugs/
  With over 50 countries, and 155 user groups, find a HUG located near you

- **HashiCorp Certification**
  Even if you don't want the certification, the Study Guide is a relevant and useful curriculum to follow especially for team members new to Terraform

- **HashiCorp Enterprise Academy**
  https://www.hashicorp.com/customer-success/enterprise-academy
  Live instructional courses from HashiCorp Certified Instructors that deliver hands-on product curriculum

HashiCorp Events

Visit our events page for future events to live webinars, virtual workshops and other training courses

OCT 10-12, 2023 | CONFERENCE

HashiConf early bird tickets now on sale

Join us in San Francisco for HashiCorp's community conference. Get 20% off your HashiConf pass for a limited time.

Register now

APR 6 | WEBINAR

Boundary 0.12 GA Release Brings Multi-Hop Sessions and more

Learn more about the features of Boundary's latest GA release, including multi-hops sessions, SSH Certificates, hosting IP address on targets and workflow approval integration.

Register Now →

APR 11 | WEBINAR

From Code To Cloud: Modernizing and Securing with Palo Alto Networks & HashiCorp

Join this webinar to learn more about how Terraform and Prisma Cloud Code Security enable event driven network automation

Register Now →

https://www.hashicorp.com/events?type=all

Thank You

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