Migration of customer workspaces

- Overview
- Problem
- Solution

Overview

Platform:	TFC4B
Owner of this SOP:	Azure Base Estate Operations
Cloud Services:	IAAC Terraform Business
Correct as of	26/5/2022

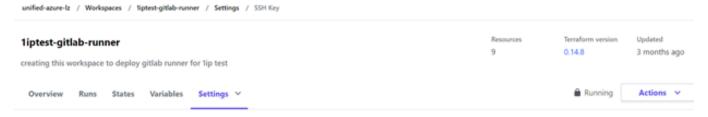
Problem

Migrating terraform workspace from Terraform Cloud to Terraform Business.

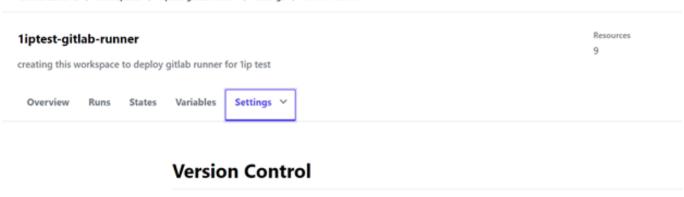
Solution

Step 1: Collect below mentioned details from Terraform Cloud.

- 1. Workspace name from this link: Terraform Migration_v2.0.xlsx (bhpbilliton.com)
- 2. SSH Key which we used for that workspace
- 3. Version Control GitLab repo URL which mapped to this workspace
- 4. Terraform version
- 5. Variables Terraform and Environment variables.



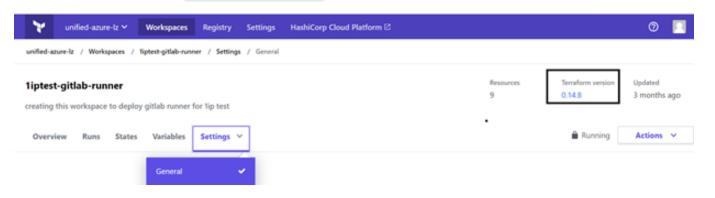
SSH Key Optionally choose a private SSH key for downloading Terraform modules from Git-based module sources ②. This key is not used for cloning the workspace VCS repository or for provisioner connections. (More info ②) SSH key



Not Connected

Connecting the workspace to Version Control will enable automatic runs on git commits, automatic plan-only runs on pull requests and status updates. Read more about connecting VCS providers to Terraform Cloud ②.

Connect to version control



Terraform Variables

These Terraform variables are set using a terraform.tfvars file. To use interpolation or set a non-string value for a variable, cl

Key	Value
spoke HCL SENSITIVE	Sensitive - write only
+ Add variable	

Environment Variables

These variables are set in Terraform's shell environment using export .

Key	Value
ARM_CLIENT_ID SENSITIVE	Sensitive - write only
ARM_CLIENT_SECRET SENSITIVE	Sensitive - write only
ARM_SUBSCRIPTION_ID SENSITIVE	Sensitive - write only
ARM_TENANT_ID SENSITIVE	Sensitive - write only

Step 2: COORDINATE WITH AUTOMATION TEAM TO MIGRATE WORKSPACE

Automation team will help us to migrate from Terraform Cloud to Terraform Business and share the newly created Terraform Workspace details to us.

STEPS TO FOLLOW AFTER TERRAFROM WORKSPACE MIGRATED TO TFB

If not seen anything in that workspace manually, update Terraform version, GitLab repository, variables [Terraform and Environment).

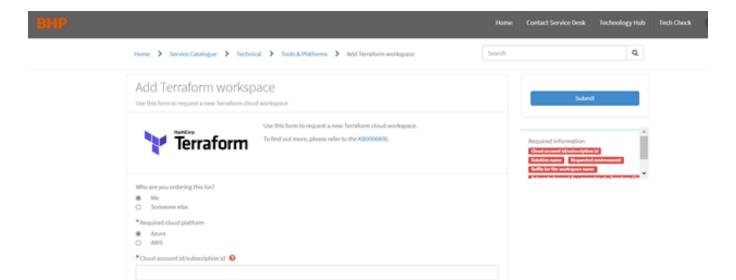
Customer request and come for migration

Raise the workspace request behalf of them.

OR

Customer need to raise the service request using below link [Tools & Platforms - Add terraform workspace]

Service Catalogue - Support Central Portal (service-now.com)



*Solution name 🕡