

Step-01: Introduction

- Override default variable values using CLI argument `-var`
- Also learn about Terraform Plan Generation

Step-02: Input Variables Override default value with cli argument `-var`

- We are going to override the default values defined in `c2-variables.tf` by providing new values using the `-var` argument using CLI

```
# Initialize Terraform
terraform init

# Validate Terraform configuration files
terraform validate

# Format Terraform configuration files
terraform fmt

# Option-1 (Always provide -var for both plan and apply)
# Review the terraform plan
terraform plan -var="resoure_group_name=demorg" -var="resoure_group_location=westus" -var="virtual_network_name=demovne

# Create Resources (optional - We are just learning concept)
terraform apply -var="resoure_group_name=demorg" -var="resoure_group_location=westus" -var="virtual_network_name=demovne
```

Step-03: Generate Terraform Plan and use that using Terraform Apply

```
# Option-2 (Generate plan file with -var and use that with apply)
# Generate Terraform plan file
terraform plan -var="resoure_group_name=demorg" -var="resoure_group_location=westus" -var="virtual_network_name=demovne

# Terraform Show
terraform show v1.plan

# Create / Deploy Terraform Resources using Plan file
terraform apply v1.plan
```

Step-04: Clean-Up Files

```
# Destroy Resources
terraform destroy -auto-approve
Subnet Name: demosubnet (When Prompted)

# Delete Files
rm -rf .terraform*
rm -rf terraform.tfstate*
mv v1.plan v1.plan_bkup
```

References

- [Terraform Input Variables](#)

