

## Jira 2136 Guide

### Terraform

- Download and configure the AWS CLI
- Download and extract the Terraform binary then add it to your PATH
- Download the template folder
- Create/choose a key pair for SSH access to the instances that will be created
- If using multiple profiles for the AWS CLI ensure that the profile name on line 10 matches a profile name in the AWS config file (found in ~/.aws)
- Open a command prompt window and navigate to the template folder
- Run: `terraform init`
- Optional: if any changes are made to the template file run the following to ensure formatting and syntax rules are followed:
  - `terraform fmt`
  - `terraform validate`
- Run: `terraform apply`
  - You will be asked to provide the name of the key pair you created/chose earlier
  - After terraform outlines the resources to be created, type yes and press enter to begin the creation. This will take 8-10 minutes
- After creation it can take upwards of 12 minutes for the instances to be initialized.