

# DevOps Kitchen Workshop

## Azure DevOps - Environment

*#week\_twentyfour - Azure DevOps Environment*

***duration: 1 week***

FrogTech company wanna test your ability to deliver their requirements into their Azure DevOps projects.

This will help you build a good reputation. The purpose of this task is to protect their deployment across environments (e.g. dev and pre-prod) by separating the deployment and applying approvals and checks.

The FrogTech Tech Lead Team requests to protect the Terraform pipeline deployment with the following requirements:

1. Segregate deployments by environment, as they have dev and pre-prod subscriptions.
2. The deployment for pre-prod should be accepted from the main branch only.
3. A Pre-Approval for pre-prod is required for the Terraform Apply.
4. Prefer to separate the pipeline jobs into multiple YAML files that are called from one main YAML.
5. Authentication between Terrafrom and Azure should be done over a Service Principal with Contributor access.

## References:

- [Building Secure Deployment Pipelines With Azure DevOps Environments, Approvals](#)