

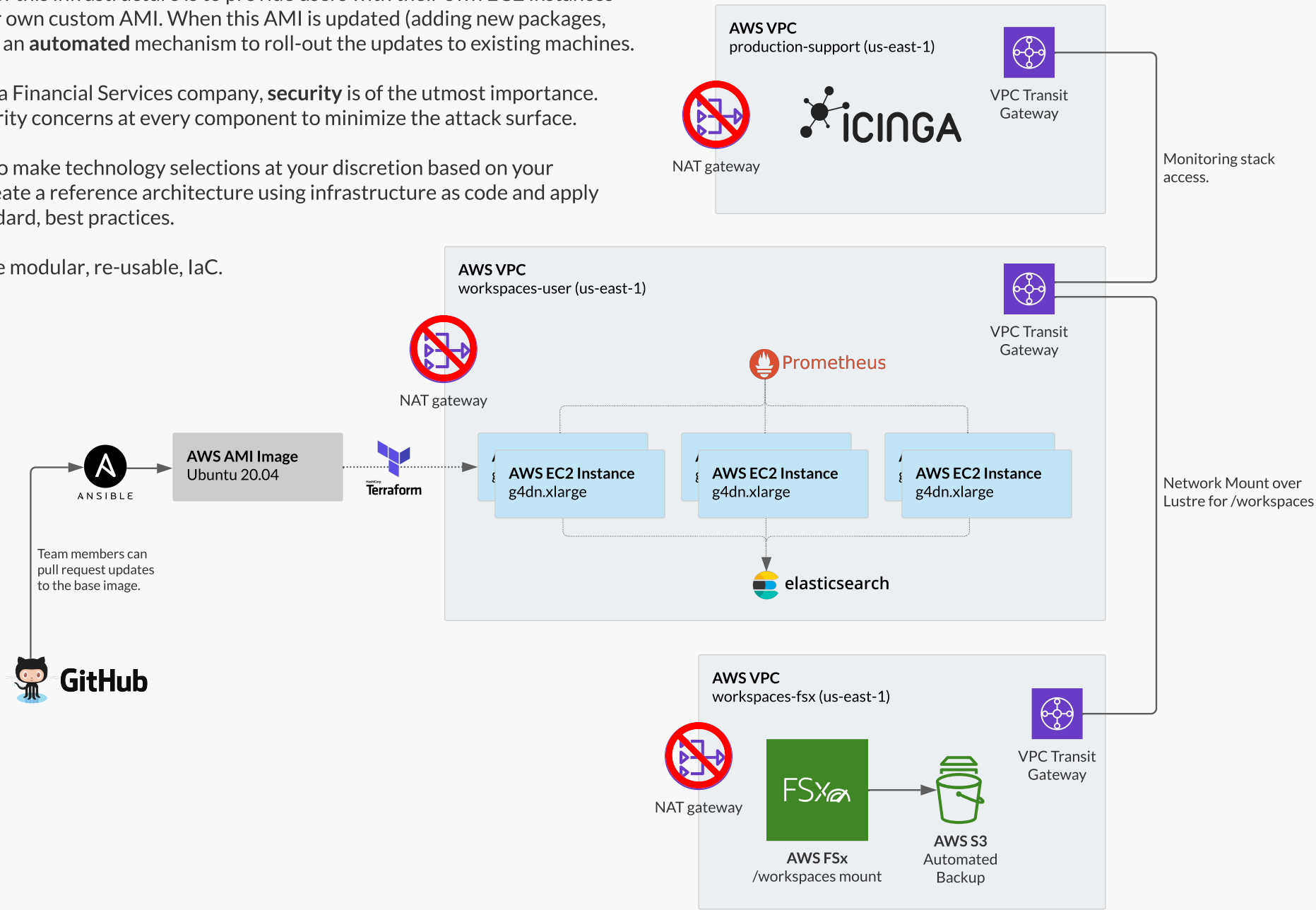


The purpose of this infrastructure is to provide users with their own EC2 instances backed by our own custom AMI. When this AMI is updated (adding new packages, etc..) we need an **automated** mechanism to roll-out the updates to existing machines.

Given we are a Financial Services company, **security** is of the utmost importance. Address security concerns at every component to minimize the attack surface.

You are free to make technology selections at your discretion based on your expertise. Create a reference architecture using infrastructure as code and apply industry standard, best practices.

Bonus: Create modular, re-usable, IaC.





Assume that we need to be able to run two docker based applications on Kubernetes. The end user should be able to reach each service by the URL path.

Using automation, implement the method(s) required to deploy all of the components required to facilitate these requirements.

Bonus: Without using helm, create modular, re-usable, IaC.

