Gitlab

Jeknins

Puppet

Docker

Nagios

Lab :-

Limitations:- Dont have very clear and reliable API for VirtualBox so that we can launch machine

Gitlab

Jenkins

Tomcat server

Nagios Server

Docker

Puppet Server

We will be doing the jenkins build.

We will a post build step which will deploy the war to the tomcat server

Tomcat locally installed on jeknins machine

Real Life:-

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Pretty Static here

Infra Provisionng:-(Server Creation)

Terraform/Cloudformation/Python boto which will spin up the machines in Amazon Web services

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Keep changing

Configuration management:-(Software installation)

Puppet or chef server

Common module or recipe for managing common things.(nagios client, openssh, keys, package upgrades)

Specific modules or recipes. Database, App Servers, Cache Server, Gitlab, Jeknins, Nagios server

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Continuous Integration:- (Application deployment)

First time setup is manual.

Second time onwards its all automated.

Jenkins, Ansible, Chef, Or puppet (only the deplyment part)

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