

Day - 1

- **Getting to Know Packer**

- What is Packer?
- Save what is Packer?
- Installing Packer
- Save Installing Packer
- The Packer workflow and components
- Save The Packer workflow and components
- The Packer CLI
- Save the Packer CLI

- **Baking a Website Image for EC2**

- Select an AWS AMI base
- Save Select an AWS AMI base
- Automate AWS AMI base build
- Save Automate AWS AMI base build
- Using build variables
- Save Using build variables
- Provision Hello World
- Save Provision Hello World
- Provision a basic site
- Save Provision a basic site

- **Customization with a Config Management Tool**

- Simplify provisioning with a config tool
- Save Simplify provisioning with a config tool
- Use Ansible to install the webserver
- Save Use Ansible to install the webserver
- Debugging
- Save Debugging

- **Building Hardened Images**

- Use Ansible modules to harden our image
- Save Use Ansible modules to harden our image
- Baking a Jenkins image
- Save Baking a Jenkins image

- **Building a Pipeline for Packer Image**

- Validate Packer templates
- Save Validate Packer templates
- Create a manifest profile
- Save Create a manifest profile
- Testing
- Save Testing
- CI pipeline, Save CI pipeline