



Linux Academy

Ansible and AWS

Introduction to Ansible



What is an Ansible?

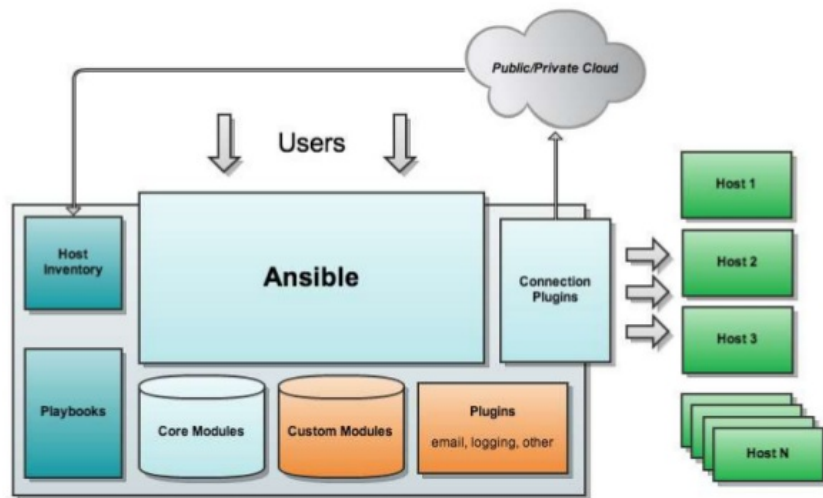
Ansible is, in short, an IT automation, configuration management and provisioning tool.

It uses 'playbooks' to deploy, manage, build, test and configure anything from full server environments to websites to custom compiled source code for applications.

It brings together aspects of environment management that have been traditionally separate and managed independently.



Ansible architecture

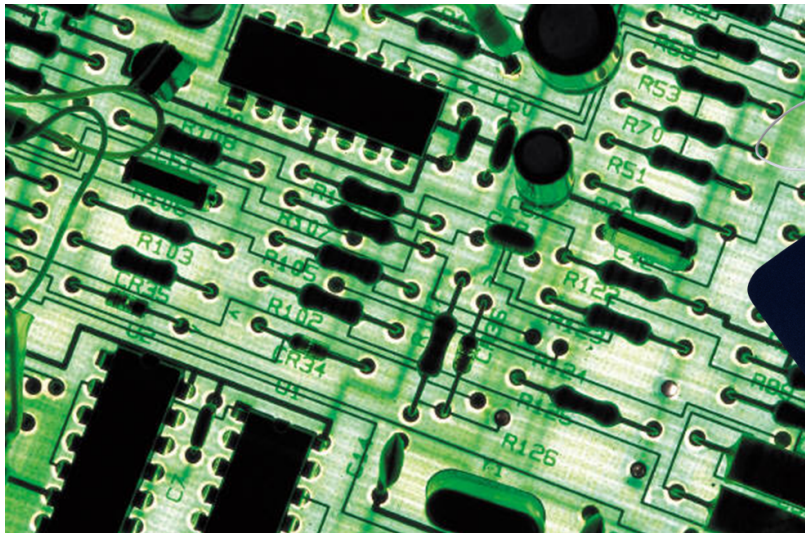


Taking control of your environment with a single tool has a numerous advantages.

With Ansible, you can control server deployment configuration, making everything consistent. With modules and plugins, you can build or 'hook' into other applications and control them as well!



Summary



Configuration management is an extremely complex topic but is absolutely core to the heart of DevOps environments. Consistency is one of the primary driving principles to being able to manage dynamically the overall software and environment delivery lifecycle so that business enabling functionality is constantly delivered.