

A white, stylized capital letter 'A' is centered within a solid black circle. The circle is positioned in the top right corner of the slide. The background of the slide is a dark blue gradient with some abstract light blue and purple lines in the corners.

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# What is Ansible ?

# History of Automation

## Perspective

1. Bash Scripting / Batch Scripting
2. Python/ PERL/ Ruby
3. Powershell
4. Puppet => pull model
5. Salt Stack => pull
6. Chef => pull
7. Ansible => push
8. Terraform



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# Ansible

# Use Cases



## Automation

Any System Automation



## Change Management

Production Server changes



## Provisioning

Setup Servers from scratch/  
Cloud provisioning



## Orchestration

Large scale automation framework

# Ansible is Simple



## No Agents

Target machines/Services are accessed by  
SSH, winrm & API

## No Databases

YAML, INI & Texts

## No Complex Setup

It's just a Python Library

## No Residual Software

Push Python package  
Execute  
Return Output

# YAML

No Programming

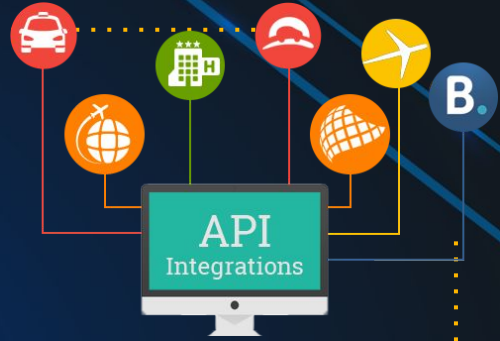
Structured

Easy to Read & Write

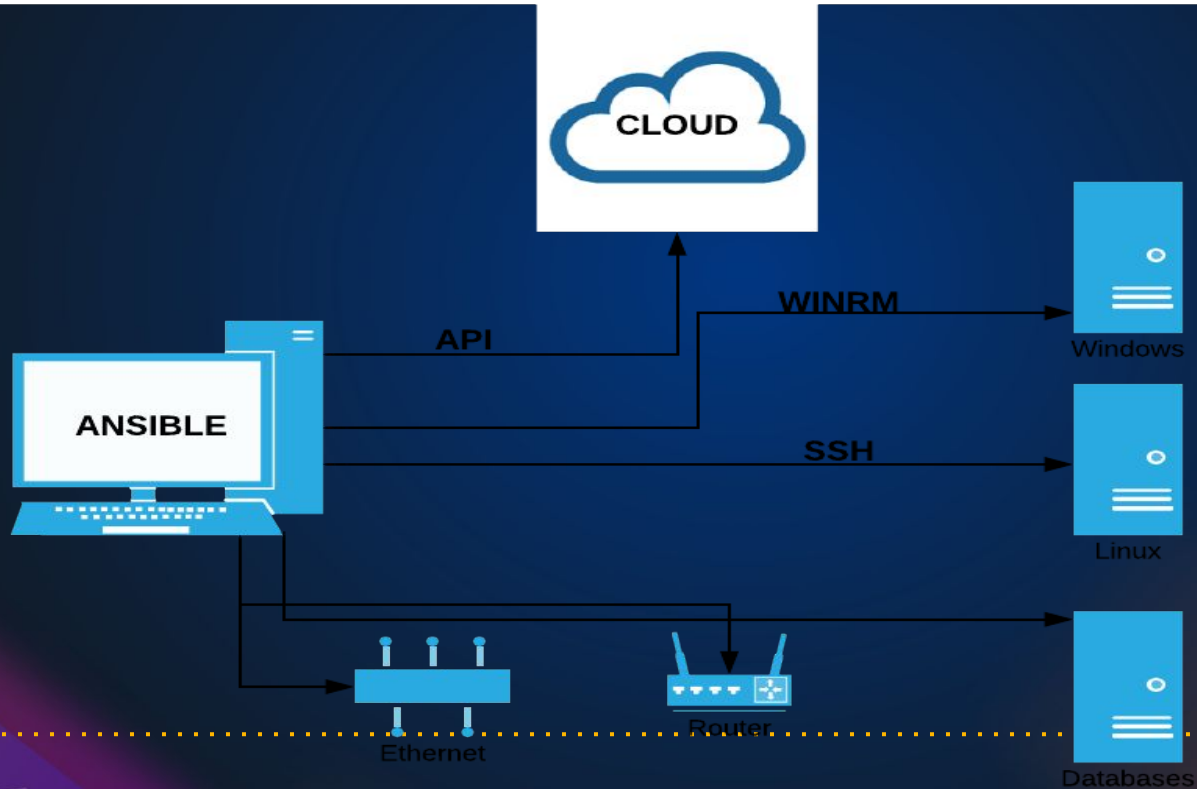
```
---
- rahul:
  name: rahul sharma
  empNo: 120
  sex: male
  dept:
    - sales
    - hr
    - marketing
- rahim:
  name: rahim kumar
  empNo: 130
  sex: male
  dept:
    - finance
    - it
...
```

# API

URL/Restful Calls(e:g Cloud)  
Shell Commands  
Scripts



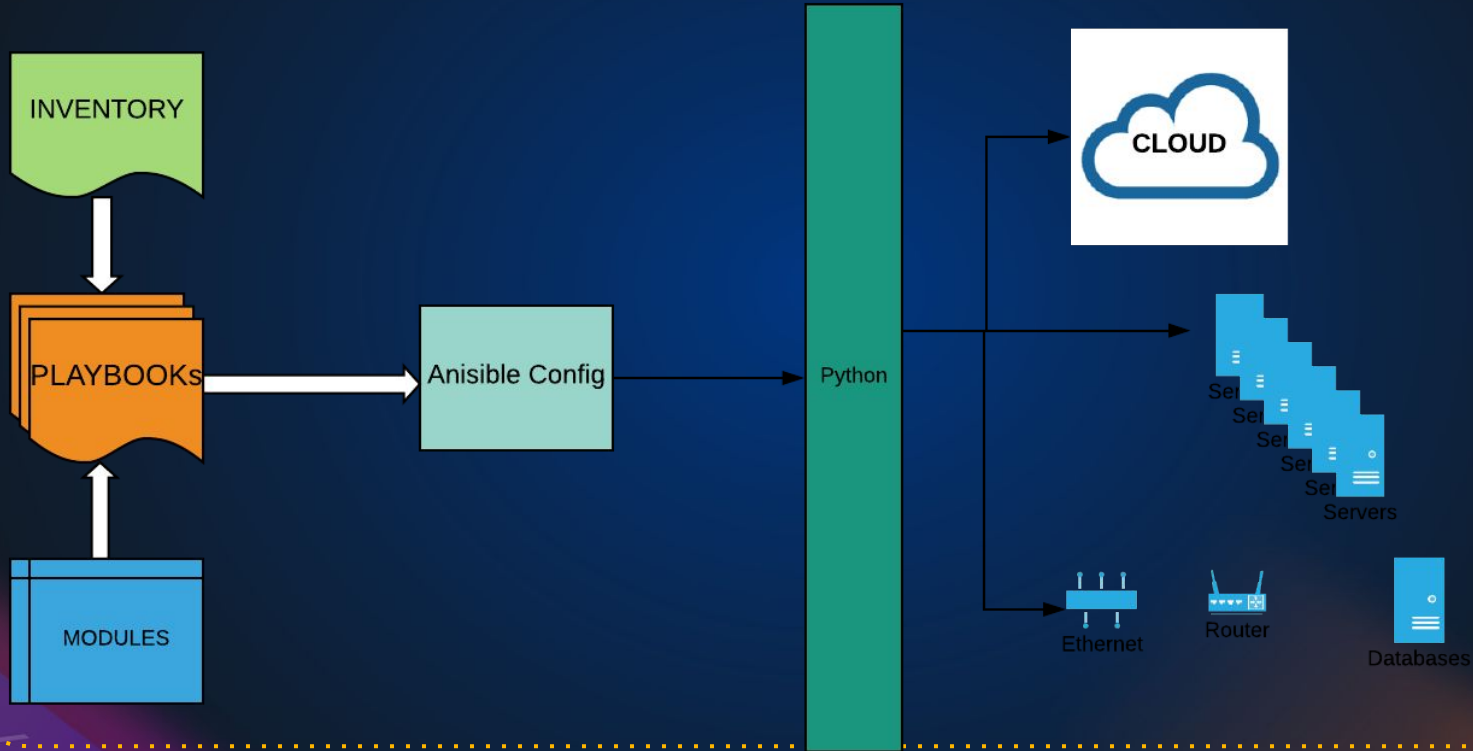
# Ansible Connections





# Ansible Architecture

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*Simplicity is Beauty*

# Ansible Power

Can replace almost every or any Automation tool in DevOps or Ops work.

