

Ansible Inventory File Types

- Ansible reads the managed nodes info (IP's or FQDN's) from the inventory while executing Ansible Ad-hoc commands or Ansible Playbooks
- We have two types of inventory files
- They are:
 - **Static Inventory File**
 - **Dynamic Inventory File**
- Static Inventory File:
 - Static Inventory File is the inventory file where we update the managed nodes info manually
- Dynamic Inventory File:
 - Dynamic Inventory File is the inventory file where we fetch the managed nodes of your infrastructure with some logic or code
 - Why we need Dynamic Inventory ?
 - Now a days , we are provisioning the required servers for project from cloud
 - We are enabling auto-scaling , due to which servers are not static, so its difficult to maintain servers info in static inventory file
 - There are two ways to handle the cloud servers as managed nodes in ansible inventory – Dynamic Inventory File
 - They are:
 - Inventory Scripts
 - Inventory Plugins (Recommended way)
- Note: We discuss about the creation of dynamic inventory while working with community collections/modules/plugins