



Ansible adhoc Command

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Playbooks V/s Adhoc command



Adhoc Command

Performs On-demand tasks



Why do use adhoc commands?

- Easy to deploy quick tasks
- No need to setup openssh without password
- No need to keep eye on syntax with playbooks
- Can be used inside a script to perform a task



Prerequisites

- Ansible package already installed
- Ansible configuration options
- Inventory file



Examples of adhoc command

Syntax of ansible adhoc command

- `ansible <hosts> -m module -a "arguments" <extra options> -i <inventory file path>`

Sample Example:

- `ansible all -m ping`

output:

```
165.22.156.15 | SUCCESS => {  
  "changed": false,  
  "ping": "pong"  
}
```



Examples of adhoc command

Ansible Help Document

- `ansible-doc --list`
- `ansible-doc <module_name>`

Sample Example:

- `ansible-doc setup`

adhoc command with other options

- `ansible --help`



Examples of adhoc command

Check hosts information

- `ansible all -m setup`

output:

```
165.22.156.15 | SUCCESS => {
  "ansible_facts": {
    "ansible_all_ipv4_addresses": [
      "165.22.156.15",
      "10.46.0.5"
    ],
    ---
```



Examples of adhoc command

Check hosts information

- `ansible all -m command -a "free -h"`
- `ansible all -a "free -h"`

output:

165.22.156.15 | SUCCESS | rc=0 >>

	total	used	free	shared	buff/cache	available
Mem:	1.8G	1.4G	86M	108M	336M	149M
Swap:	0B	0B	0B			

Examples of adhoc command

adhoc command with ssh user and password

- `ansible all -m setup --extra-vars "ansible_user=<username>
ansible_password=<Password>"`

output:

```
165.22.156.15 | SUCCESS => {  
  "ansible_facts": {  
    "ansible_all_ipv4_addresses": [  
      "165.22.156.15",  
      "10.46.0.5"  
    ],  
    ---
```

Reference

https://docs.ansible.com/ansible/latest/user_guide/intro_adhoc.html



Thanks



Query???

