

# **Lab1. Ansible**

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# 1-

- ▶ Create the inventory file
- ▶ Put the IP of host 1 in the inventory file
- ▶ Use the inventory file path in your ad-hoc command instead of using the IP hard-coded
- ▶ Example:  
`ansible all -i inventory --private-key ~/.ssh/devops -u ubuntu -m ping`

```
! inventory
1  webservers:
2     hosts:
3     | 51.20.8.163
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

● fady@fady-PC:~/ans$ ansible all -i inventory --private-key first-key -m ping
[WARNING]: Platform linux on host 51.20.8.163 is using the discovered Python interpreter at /usr/bin/python3.
change the meaning of that path. See https://docs.ansible.com/ansible-core/2.15/reference_appendices/interpre
51.20.8.163 | SUCCESS => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.9"
  },
  "changed": false,
  "ping": "pong"
}
○ fady@fady-PC:~/ans$
```

## 2-

- ▶ Create the configuration file
- ▶ Insert some values in the configuration file
- ▶ Run the minimized ad-hoc command
- ▶ Example: `ansible all -m ping`

ansible.cfg

```
1 [defaults]
2 inventory = inventory
3 private_key_file = first-key
4 remote_user = ec2-user
5
6 [privilege_escalation]
7 become = true
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
• fady@fady-PC:~/ans$ ansible all -m ping
[WARNING]: Platform linux on host 51.20.8.163 is using the discovered Python interpreter at /usr/bin/python3.
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  "changed": false,
  "ping": "pong"
}
○ fady@fady-PC:~/ans$
```

# 3-

- ▶ Insert the correct values in the configuration file
- ▶ Example: `ansible all -m command -a "whoami"`
- ▶ What is the output of the command ?

```
ansible.cfg
1  [defaults]
2  inventory = inventory
3  private_key_file = first-key
4  remote_user = ec2-user
5
6  [privilege_escalation]
7  become = true
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

- fady@fady-PC:~/ans\$ `ansible all -m command -a "whoami"`  
[WARNING]: Platform linux on host 51.20.8.163 is using the discovered Python interpreter at /usr/bin/python3. change the meaning of that path. See [https://docs.ansible.com/ansible-core/2.15/reference\\_appendices/interpre](https://docs.ansible.com/ansible-core/2.15/reference_appendices/interpre)  
51.20.8.163 | CHANGED | rc=0 >>  
root
- fady@fady-PC:~/ans\$

