

jenkins@ip-172-31-17-96: ~/myansible_6pm

```
jenkins@ip-172-31-17-96:~/myansible_6pm$ ls
README.md      myfilehandle.yml  myplaybookvars.yml  mywebrole
group_vars     myhosts           mysample.yml         mywebrolefile.yml
host_vars      myindex.j2        mytags.yml
mydebug.yml    myjavafile.yml    mytomcatrole
myfile.yml     mylinuxcmd.yml    mytomcatwebrole.yml
jenkins@ip-172-31-17-96:~/myansible_6pm$ vi myhosts
jenkins@ip-172-31-17-96:~/myansible_6pm$ vi myhosts
jenkins@ip-172-31-17-96:~/myansible_6pm$ ansible applicationserver -i myhosts -m ping
```

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myfile.yml   mylinuxcmd.yml  mytomcatwebrole.yml
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jenkins@ip-172-31-17-96:~/myansible_6pm$ ansible applicationserver -i myhosts -m ping
172.31.24.90 | SUCCESS => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": false,
  "ping": "pong"
}
172.31.22.182 | SUCCESS => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": false,
  "ping": "pong"
}
jenkins@ip-172-31-17-96:~/myansible_6pm$ ls
README.md  mydebug.yml  myhosts  mylinuxcmd.yml  mytags.yml  mywebrole
group_vars  myfile.yml   myindex.j2  myplaybookvars.yml  mytomcatrole  mywebrolefile.yml
host_vars  myfilehandle.yml  myjavafile.yml  mysample.yml  mytomcatwebrole.yml
jenkins@ip-172-31-17-96:~/myansible_6pm$ cd mytomcatrolew
```



```

mydebug.yml  myjavafile.yml  mytomcatrole
myfile.yml   mylinuxcmd.yml   mytomcatwebrole.yml
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group_vars  myfile.yml   myindex.j2  myplaybookvars.yml  mytomcatrole  mywebrolefile.yml
host_vars  myfilehandle.yml  myjavafile.yml  mysample.yml  mytomcatwebrole.yml
jenkins@ip-172-31-17-96:~/myansible_6pm$ cd mytomcatrole

```

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#instancesv3;?case=tag:true%5Cclientfalse®ex=tags:false%5Cclientfalse

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New EC2 Instance

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Template

Spot Requests

Savings Plans

Reserved Instance

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

```
hosts: applicationserver
become: yes
roles:
  - {role: mytomcatrole, when: ansible_os_family=="Debian"}
```

"mytomcatwebrole.yml" 5L, 117C

2, 26

A11

Instance ID	Public IPv4 address	Public IPv4 DNS
i-07eb1a0d08022de16 (myansiblenode02)	35.161.125.96 open address	172.31.24.90
IPv6 address	Instance state	Public IPv4 DNS

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```
hosts: applicationserver
become: yes
roles:
- {role: mytomcatrole, when: ansible_os_family=="Debian"}
```

mytomcatwebrole.yml 51, 117C

2, 26

All

Instance ID	Public IPv4 address	Public IPv4 DNS
 i-07eb1a0d06022de16 (myansiblenode02)	 35.161.125.96 open address 	 172.31.24.90
IPv6 address	Instance state	
	 Pending	 3.25.163.125.96

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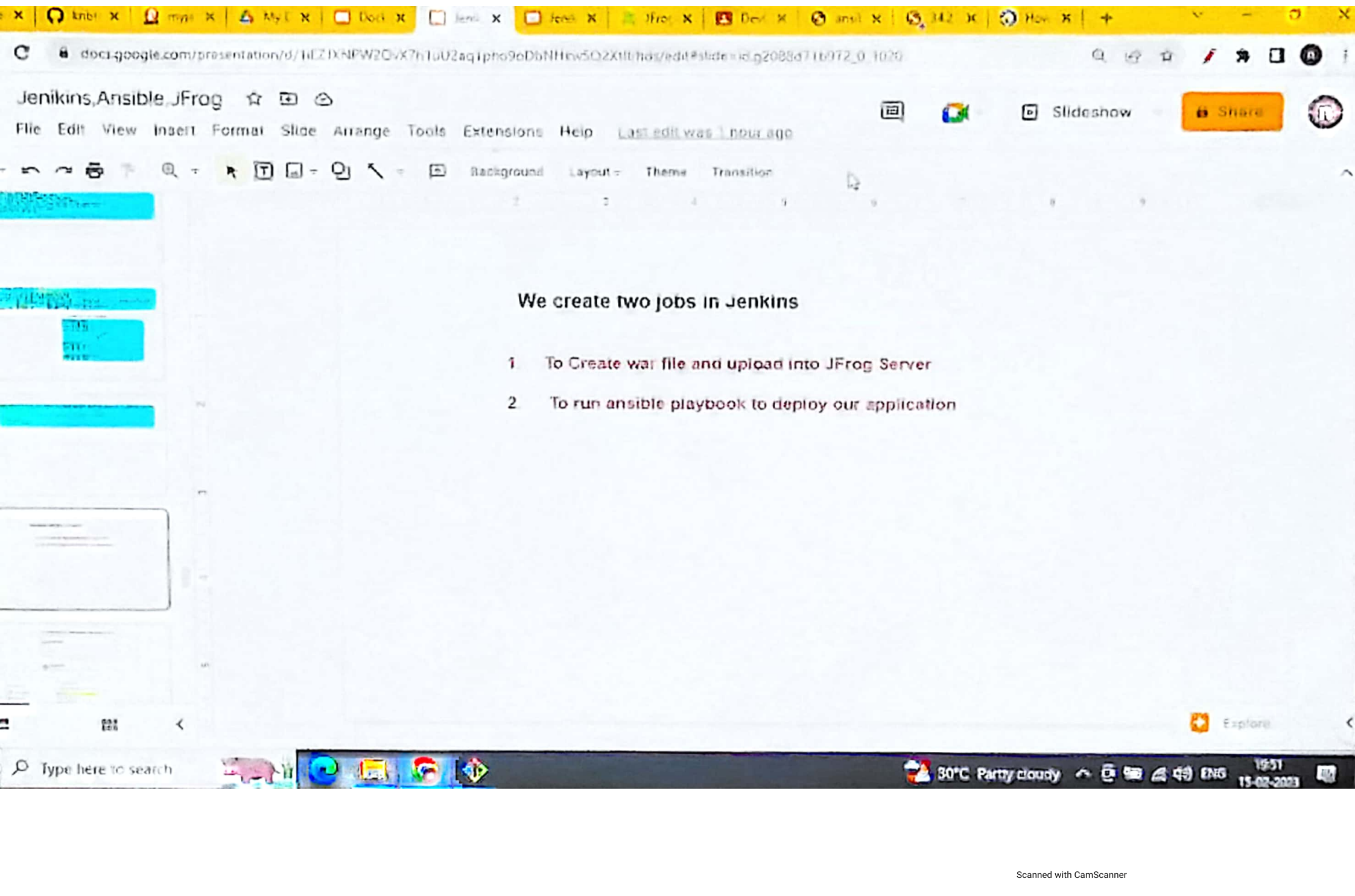


We create two jobs in Jenkins

1. To Create war file and upload into JFrog Server
2. To run ansible playbook to deploy our application

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System tray area with icons for network, volume, and other background applications.



Configure

- ⚙ General
- 🔑 Source Code Management
- 🕒 Build Triggers
- 🌐 Build Environment
- ☰ Build Steps
- 📦 Post-build Actions

≡ Invoke Ansible Playbook

Playbook path ?

/home/jenkins/myansible_6pm/mytomcatwebrole.yml

Inventory

☐ Do not specify Inventory

☒ File or host list

File path or comma separated host list ?

/home/jenkins/myansible_6pm/myhosts

Save

Apply



> myansibleplaybookdeploy > Configuration

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Invoke Ansible Playbook

Playbook path ?

/home/jenkins/myansible_6pm/mytomcatwebrole.yml

Inventory

☐ Do not specify Inventory

☒ File or host list

File path or comma separated host list ?

/home/jenkins/myansible_6pm/myhosts

Save

Apply

ansibleplaybookdeploy > Configuration

jenkins@ip-172-31-17-96: ~/myansible_6pm/mytomcatrole\$

```
jenkins@ip-172-31-17-96:~/myansible_6pm$ ls
README.md  mydebug.yml  mytests      mylinuxcmd.yml  mytags.yml  mywebrole
group_vars  myfile.yml   myindex.j2   myplaybookvars.yml  mytomcatrole  mywebrolefile.yml
host_vars  myfilehandle.yml  myjavafile.yml  mysample.yml    mytomcatwebrole.yml

jenkins@ip-172-31-17-96:~/myansible_6pm$ pwd
/home/jenkins/myansible_6pm

jenkins@ip-172-31-17-96:~/myansible_6pm$ cd mytomcatrole/
jenkins@ip-172-31-17-96:~/myansible_6pm/mytomcatrole$ ls
README.md  defaults  handlers  meta  tasks  template  tests  vars

jenkins@ip-172-31-17-96:~/myansible_6pm/mytomcatrole$ cd tasks/
jenkins@ip-172-31-17-96:~/myansible_6pm/mytomcatrole/tasks$ ls
createtomcatuser.yml  installtomcat.yml  deployjavaapp.yml  restarttomcat.yml  tomcatservice.yml
installjava.yml       updatepermissions.yml  main.yml            tomcatservicefile.yml  tomcatstart.yml

jenkins@ip-172-31-17-96:~/myansible_6pm/mytomcatrole/tasks$
```

not secure | 35.85.148.252:8080/job/myansibleplaybookdeploy/configure

ansibleplaybookdeploy > Configuration

+ Add

jenkins@ip-172-31-17-96: ~/myansible_6pm/mytomcatrole/tasks

```
jenkins@ip-172-31-17-96:~/myansible_6pm$ ls
README.md  mydebug.yml  myhosts      mylinuxcmd.yml  mytags.yml  mywebrole
group_vars  myfile.yml   myindex.j2   myplaybookvars.yml  mytomcatrole  mywebrolefile.yml
host_vars  myfilehandle.yml  myjavafile.yml  mysample.yml    mytomcatwebrole.yml

jenkins@ip-172-31-17-96:~/myansible_6pm$ pwd
/home/jenkins/myansible_6pm

jenkins@ip-172-31-17-96:~/myansible_6pm$ cd mytomcatrole/
jenkins@ip-172-31-17-96:~/myansible_6pm/mytomcatrole$ ls
README.md  defaults  handlers  meta  tasks  template  tests  vars

jenkins@ip-172-31-17-96:~/myansible_6pm/mytomcatrole$ cd tasks/
jenkins@ip-172-31-17-96:~/myansible_6pm/mytomcatrole/tasks$ ls
CreateTomcatUser.yml  InstallTomcat.yml  deployjavaapp.yml  restarttomcat.yml  tomcatserVICmgmt.yml
InstallJava.yml       UpdatePermissions.yml  main.yml             tomcatSERVICEfile.yml  tomcatSERVICEstart.yml

jenkins@ip-172-31-17-96:~/myansible_6pm/mytomcatrole/tasks$
```


Glossary

Ansible Reference

Special Variables

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ROADMAPS

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ansible-core Road

Red Hat Ansible Auto Platform

Extend the po
of Ansible to
entire team

Try it free

jenkins@ip-172-31-17-96: ~/myansible_repo/mytomcat_deploy/tasks

```
name: i want to deply java application
get_url:
  url: https://myrepofrommaster.jfrog.io/artifactory/myUAT01/com/maha/mahalogin/5.0/mahalLogin-5.0.war
  dest: /opt/tomcat/webapps/mahalLogin-5.0.war
  force_basic_auth: yes
  url_username: knbtechnosys@gmail.com
  url_password: Nitin@123
```

-- INSERT --

4,106

A11

added in ansible-core 2.11

Requires the Python library gssapi to be installed.

Credentials for GSSAPI can be specified with `url_username/url_password` or with the GSSAPI env var `GSSAPI_ENV_VAR` that specified a custom Kerberos credential cache.

NTLM authentication is not supported even if the GSSAPI mech for NTLM has been installed.

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```
name: i want to deply java application
get_url:
  url: https://myrepofrommaster.jfrog.io/artifactory/myUAT01/com/maha/mahalLogin/5.0/mahalLogin-5.0.war
  dest: /opt/tomcat/webapps/mahalLogin-5.0.war
  force_basic_auth: yes
  url_username: knbtechnosys@gmail.com
  url_password: Nitin@123
```

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Tree View:



example-repo-local

libs-release-local

libs-snapshot-local

myUI

myUI01

com

maha

mahalogin

5.0

mahalogin-5.0.pom

mahalogin-5.0.war

maven-metadata.xml

myuiaproj

maven-remote

mahalogin-5.0.war

General

Effective Permissions

Array

Properties

Info

Name: mahalogin-5.0.war

Repository Path: myUI01/com/mahamahalogin5.0/

URL to file: https://myrepofrommasterproglocalartif...

Module ID: com.mahamahalogin5.0

Download Size: 1.0 MB



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0

Tree View:

📄

📁

> example-repo-local

> libs-release-local

> libs-snapshot-local

> myUAT

> myUAT01

> com

> maha

> mahaLogin

> 5.0

> mahaLogin-5.0.pom

> mahaLogin-5.0.war

> maven-metadata.xml

> myjavaproj

> maven-remote

mahaLogin-5.0.war

General

Effective Permissions

Xray

Properties

Info

Name: mahaLogin-5.0.war

Repository Path: myUAT01/com/maha/mahaLogin/5.0/...

URL to file: https://myrepofrommaster.jfrog.io/artif...

Module ID: com.maha:mahaLogin:5.0

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