

Lab 1 (15 min)

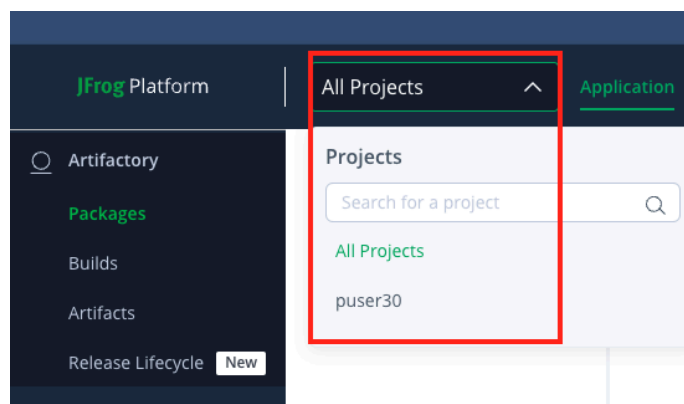
OVERVIEW: In this lab you will login to and verify your personal JFrog Platform environment. In addition, you will ssh to your dedicated *AWS ec2 instance*, that is pre-configured to work with your JPD (JFrog Platform Deployment).

EXPECTED OUTCOME: Upon successful completion of this lab you will be able to login to your personal environment with your personal credentials and observe two repositories configured for you, one npm and one Docker. You will also be able to browse demo data and security findings on the platform.

Step by step instructions

Phase #1 - Logging in to your JPD

1. Open your browser and navigate to
<https://swampup17242481111.jfrog.io/>
2. Login using username \ password
Username: `userX`
Password: `SwampUP2024!`
3. Select your designated Project



4. Locate the following repository
 - a. 'puserX-docker-local'
 - b. 'puserX-docker-remote'
 - c. 'puserX-maven-remote'

d. 'puserX-npm-remote'


Phase #2 - Logging in to your ec2 instance

5. Download your own pem key from the following repository in your JPD

a. Navigate to the **puserX-virtual-machine-tools** repository




The screenshot shows the Jfrog Platform interface. The top navigation bar includes 'log Platform', a dropdown menu with 'puser23', and tabs for 'Application' and 'Administration'. The left sidebar contains various navigation items: 'factory', 'kages', 'ds', 'facts', 'ase Lifecycle' (with a 'New' button), 'age Catalog' (with a 'New' button), 'tribution', 'grations', and 'Frog Portal' (with an external link icon). The main content area is titled 'Artifactory > Artifacts' and states 'Happily serving 3 artifacts'. It features a search bar labeled 'Search Repositories' and a 'Clear' button. A list of repositories is displayed, with 'puser23-virtual-machine-tools' selected and expanded. This repository contains three files: 'swampup2024-keypair.pem', 'swampup2024-keypair.ppk', and 'vm_ssh_command.txt'. To the right of the repository list, a sidebar shows the 'puser23-build-in' repository details, with the 'General' tab selected. The details sidebar includes fields for 'Name:', 'Package Type:', 'Repository Path', 'File URL:', 'Repository Layo', 'Created:', and 'Artifact Count /'.

b. Click on the download button at the top right

swampup2024-keypair.pem 


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Info


Name:	swampup2024-keypair.pem 
Repository Path:	puser23-virtual-machine-tools/swampup2024-keypair.pem 
File URL:	https://swampup17242481111.jfrog.io/artifactory/puser23-virtual-machine-tools/swampup2024-keyp... 
Module ID:	N/A
Deployed By:	pstrainenv
Size:	3.17 KB
Created:	04-09-24 14:24:02 +00:00 ⓘ
Last Modified:	05-09-24 08:47:05 +00:00 ⓘ
Downloads:	
Remote Downloads:	

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6. Similarly, download the 'ssh_command.txt'

ssh_command.txt 

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URL to file:	https://dsod23lom05.jfrog.io/artifactory/ec2_pem_key/ssh_command.txt 
Module ID:	N/A
Deployed By:	devseopday@jfrog.com
Size:	73 bytes
Created:	09-11-23 14:44:53 +00:00 ⓘ
Last Modified:	10-11-23 13:47:31 +00:00 ⓘ

7. Open SSH client and SSH using the following command (with your ec2.pem). The URL will be found in the 'ssh_command.txt'

```
chmod 400 swampup2024-keypair.pem && ssh -i swampup2024-keypair.pem ubuntu@ec2-<IP Address>.compute.amazonaws.com
```

Phase #3 - Validating that you are in your EC2 instance.

8. In the ec2 instance assigned to you, locate the the following NodeJS project

```
ls ~/devsecops-repo
```

We will use this project through the labs

Phase #4 - Validating npm runtime environment

9. Open the terminal on your laptop and make sure you are not connected to the ec2 instance.
10. Run the command to validate if npm is installed and functional

```
npm -v
```

11. If not installed, follow setup instructions from <https://nodejs.org/en/download> for your respective OS.
12. Repeat step 9 to validate the installation.

Congratulations! You have completed Lab 1