

JENKINS PIPELINE TO DOCKER SWARM

```
<!DOCTYPE html>

<html>
  <head>
    <title>Provisioning Test Page</title>
    <link href="https://fonts.googleapis.com/css?family=Slabo+27px"
      rel="stylesheet">
    <style type="text/css">

      body {
        text-align:center;
        font-family: 'Slabo 27px', serif;
        height:100vh;
      }

      .vertical-center {
        position:relative;
        top:50%;
        transform: translateY(-50%);
      }

      img {
        width:100px;
      }
    </style>
  </head>
  <body>
    <div class="vertical-center">
      
    </div>
  </body>
</html>
```

```
}

</style>

</head>

<body>

<div class="vertical-center">

<h1>Fibonacci Generator</h1>

<p>The number at position <%= index %> is <%= value %></p>



</div>

</body>

</html>
```

HACKABLE:

```
<!DOCTYPE html>

<html>

<head>

<title>Provisioning Test Page</title>

<link href="https://fonts.googleapis.com/css?family=Slabo+27px"
rel="stylesheet">

<style type="text/css">

body {
```

text-align:center;

```
font-family: 'Slabo 27px', serif;  
height:100vh;  
}
```

```
.vertical-center {  
  
position:relative;  
top:50%;  
transform: translateY(-50%);  
  
}
```

```
img {  
width:100px;  
}
```

```
#command {  
width:50%;  
display: inline-block;  
}
```

```
#stdout {  
width:50%;  
display: inline-block;
```

```
}

</style>

</head>

<body>

<div class="vertical-center">



<h1>Hackable: Code Injection</h1>

<p>The following command was run on the server!</p>

<code id="command">

<%= command %>

</code>

<p>This was the result</p>

<code id="stdout">

<%= stdout %>

</code>

</div>

</body>

</html>
```

POSTS:

```
<!DOCTYPE html>

<html>
```

```
<head>

    <title>Provisioning Test Page</title>

    <link href="https://fonts.googleapis.com/css?family=Slabo+27px"
rel="stylesheet">

    <style type="text/css">

        body {

            font-family: 'Slabo 27px', serif;
            height:100vh;
        }

        img {

            width:100px;
        }

        .blog {

            padding:50px;
        }

        .post {

            padding:20px;
        }
    </style>

</head>

<body>
```

```
<div class="blog">
  

  <h1>Recent Posts</h1>
  <hr/>

  <% posts.forEach(function(post){ %>
    <div class="post">
      <h3><%= post.title %></h3>
      <p><%= post.body %></p>
    </div>
  <% }) %>
</div>

</body>
</html>
```

JENKINSFILES:

```
pipeline {
  environment{
    registry = "naistangz/docker_automation"
    registryCredential = "dockerhub"
    dockerImage = ""
    PATH = "$PATH:/usr/local/bin"
  }
```

```
agent {
    'docker'
}

stages {
    stage('Cloning our Git') {
        steps {
            git
            'https://github.com/naistangz/Docker_Jenkins_Pipeline.git'
        }
    }

    stage('Building Docker Image') {
        steps {
            script {
                dockerImage = docker.build registry +
                ":$BUILD_NUMBER"
            }
        }
    }
}

stage('Deploying Docker Image to Dockerhub') {
    steps {
        script {
            docker.withRegistry('', registryCredential) {

```

```
    dockerImage.push()  
  }  
}  
}  
  
}  
  
stage('Cleaning Up') {  
  steps{  
    sh "docker rmi $registry:$BUILD_NUMBER"  
  }  
}  
}  
}
```