Windows server launching:
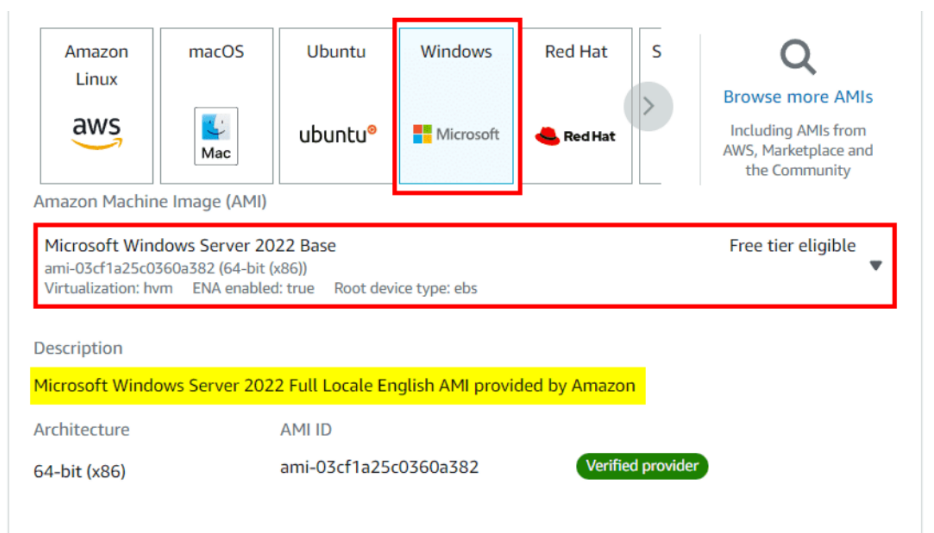
 [] in ec2

[] [] In lift side select instances

[] select launch instance

[] in name and tags give whatever we want

[] Select **Windows** under QuickStart and Select **Microsoft Windows Server 2022 Base** AMI.
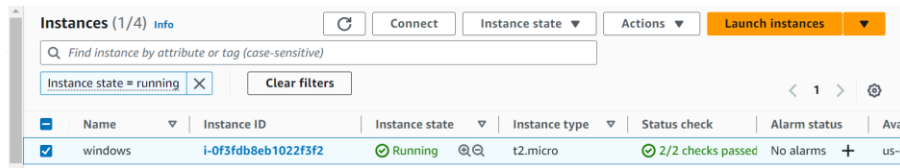

[]

[] In **key pair**

[] we can select which we already created or else we can create
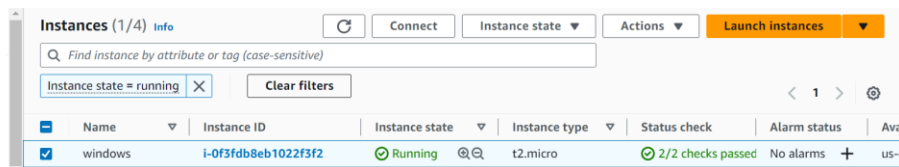
[] launch instance

[] Here, you shall see your instance is launching and the Status check is Initializing, wait for some time.
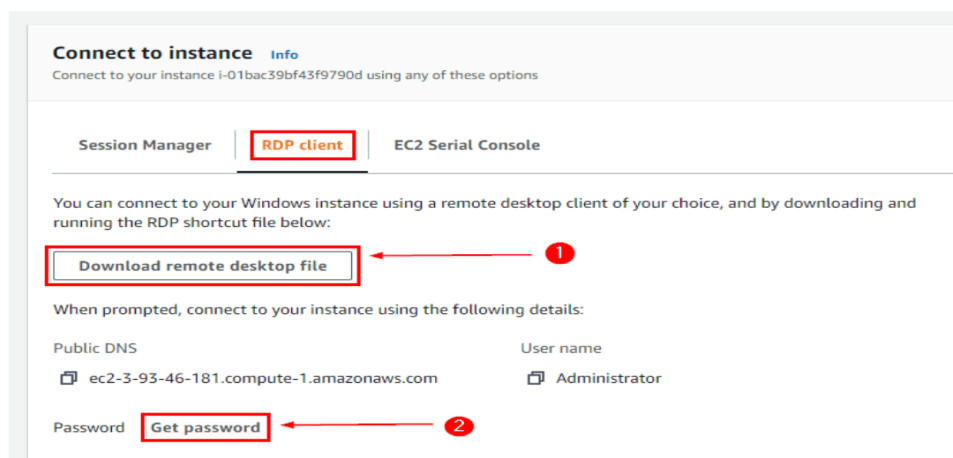
[]

To Connect AWS Windows EC2 Instance

[] Firstly we have to select the Windows instance **From the Running Instance** of the EC2 dashboard and click on **Connect.**

[] Here we have to select the **RDP (Remote desktop protocol) Client** and then **Download** the RDP File and save it somewhere safe then, we need a password to access the RDP file, so click on **Get Password.**

[]

[] in upload private key file. Upload .pem what we already created

Get Windows password Info

Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.

Instance ID
⬚ i-0f3fdb8eb1022f3f2 (windows)

Key pair associated with this instance
⬚ kanchana_key

Private key
Either upload your private key file or copy and paste its contents into the field below.

⬆ Upload private key file

Private key contents - *optional*

Private key contents

[] decrypt password

 [] download remote desktop file

[] After submitting the Key-pair here the **Password is Generated**, copy and save it somewhere safe

Connect to instance Info
Connect to your instance i-01bac39bf43f9790d using any of these options

Session Manager | RDP client | EC2 Serial Console

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

Download remote desktop file

When prompted, connect to your instance using the following details:

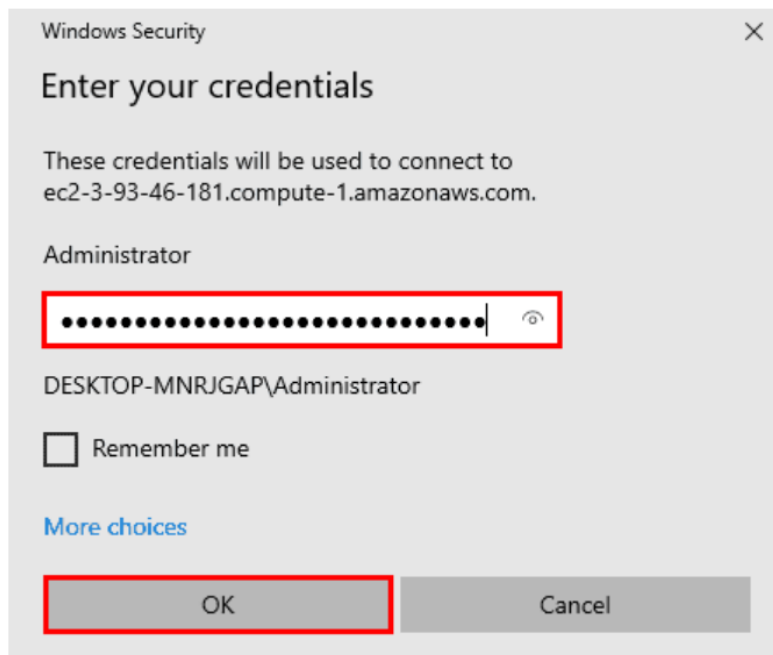Public DNS   User name
⬚ ec2-3-93-46-181.compute-1.amazonaws.com   ⬚ Administrator
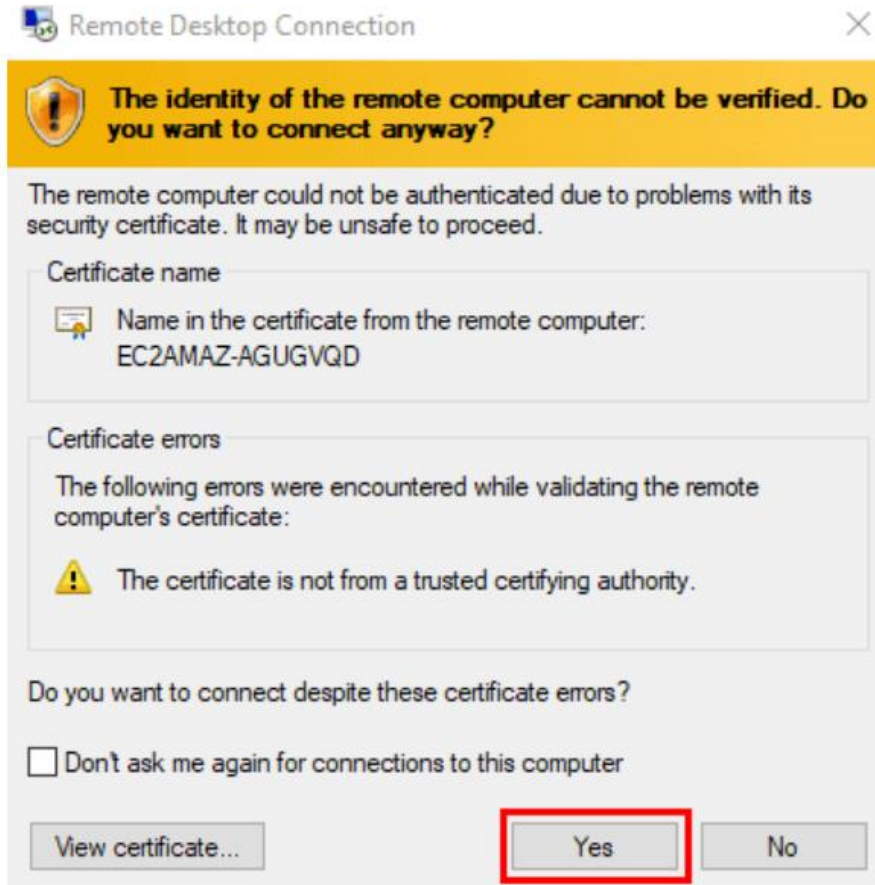
Password
⬚ -z@sLVWmm88lNy-GXw5sGlZ;?hVZ4sTl ⬅

[] first time we need to open in where we download the   download remote desktop file

[] Now open the **Remote Desktop File in your system (in type here to search)**
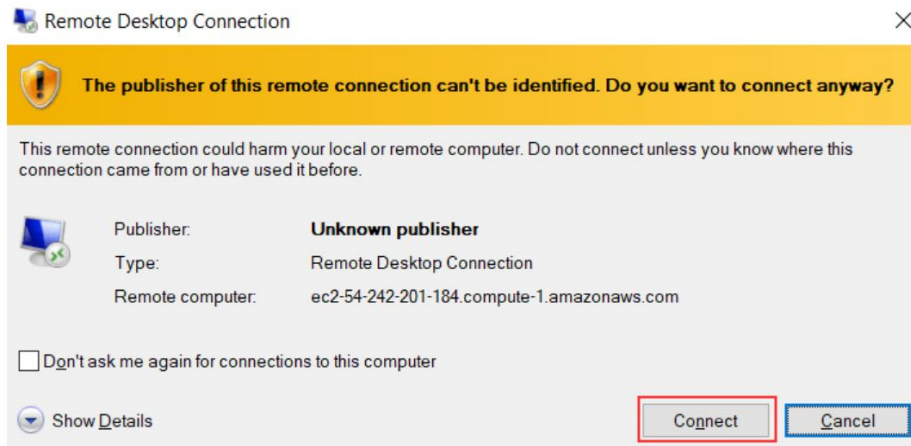
[] password what we created

Setup the window slave in jenkins using Launch agent by connecting it to controller

First we need to download java and git to windows server

And we need to set the path of java and git

To set path of git follow this https://phoenixnap.com/kb/how-to-install-git-windows

To set path of java https://phoenixnap.com/kb/how-to-install-git-windows

Windows Slaves adding:

[] Open **jenkins dashboard** and select **manage jenkins** and in that select configure and select **manage nodes and add nodes**

[] Name: windows

[] Description: dfdferf rferfef

[] No.of executors: 1

[] Remote Root directory: C:\Jenkins   (we will give this path after creating jenkins folder in windows server\remote server)

[] Labels: windowsslave   (using this label we will select our node in pipeline and free style proj)

[] Usage: only build jobs with label expressions matching this node (select this button)

[] Launch method: Launch agent by connecting it to controller (select this button)

[] Select Use **websocket** yes in button of internal data dir.
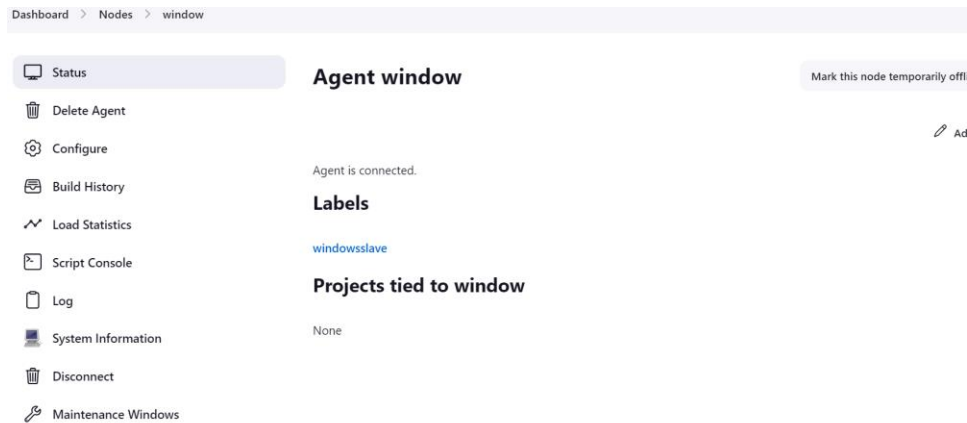
[] Save

[] We will get **X** in nodes for the windows. Click on windows in nodes and we will get Commands.

[] open **jenkins dashboard** in windows server by copy the **jenkins url** and past that **url in windows chrome** we open the command and download the **agent.jar** and past that jar **folder in jenkins**

                    OR

[] after getting the commands past the command in windows server command prompt we well get the connection

[] we get the connections

Status	**Agent window**	Mark this node temporarily offl
Delete Agent		
Configure		✎ Ad
Build History	Agent is connected.	
Load Statistics	**Labels**	
Script Console	windowsslave	
Log	**Projects tied to window**	
System Information	None	
Disconnect		
Maintenance Windows		

Create Freestyle Project:

[] Select **git** and give **git repo url** and **credentials**

[] save and build

[] Job build successfully to slave (windowsserver)

[] Check C:\jenkins\workspace

Successfully clone git to slave server

Pipeline code :

```
pipeline {
agent {label 'windowsslave'}
stages {
stage('Git checkout') {
steps {
git credentialsId: 'PATH', url: 'https://github.com/kanchana08/practice.git'
}
```

```
}

}

}
```

[] it clone the repo in windows C:\jenkins\worhspace

<u>Windows slave to custom workspace declarative pipeline:</u>

```
pipeline {

agent {

node {

label 'windowsslave'

customWorkspace 'C:/new11/new22'

}

}
stages {
stage('Git checkout') {
 steps {
git credentialsId: 'PATH', url: 'https://github.com/kanchana08/practice.git'
```

```
    }

    }

     }

    }
```

[] it clone the repo in 'C:/new11/new22