Odoo Installation Document

## Postgres Installation

*Useful information*

[*https://www.guru99.com/download-install-postgresql.html*](https://www.guru99.com/download-install-postgresql.html)

Configuration

Ports

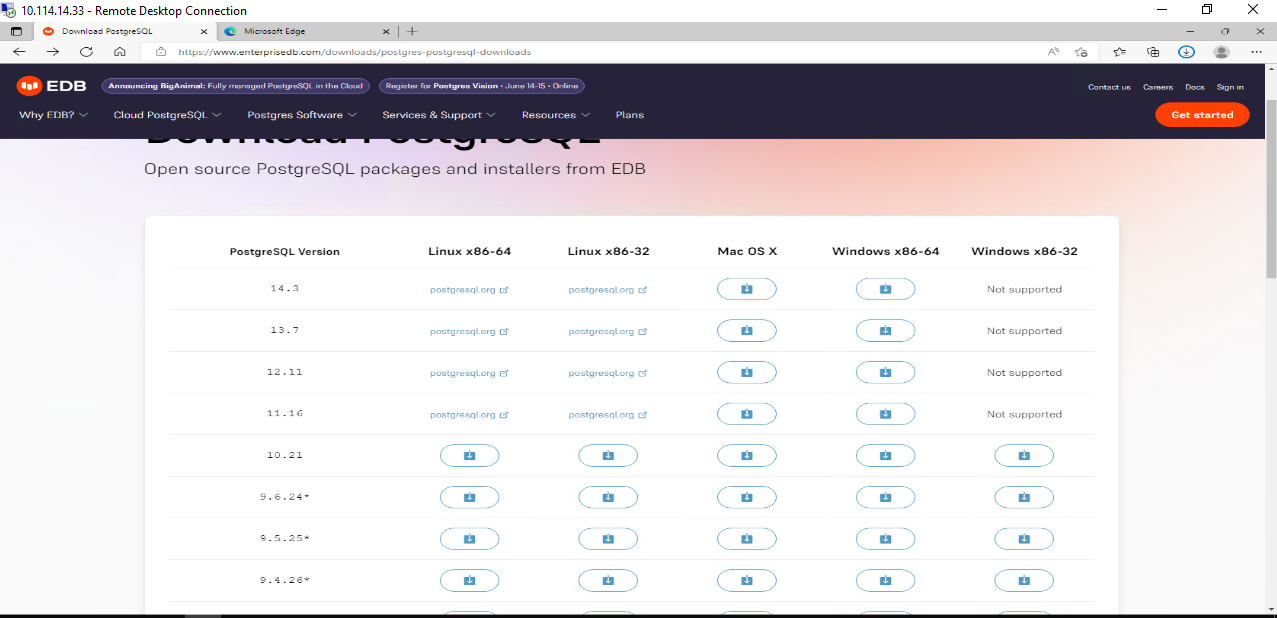
Directory

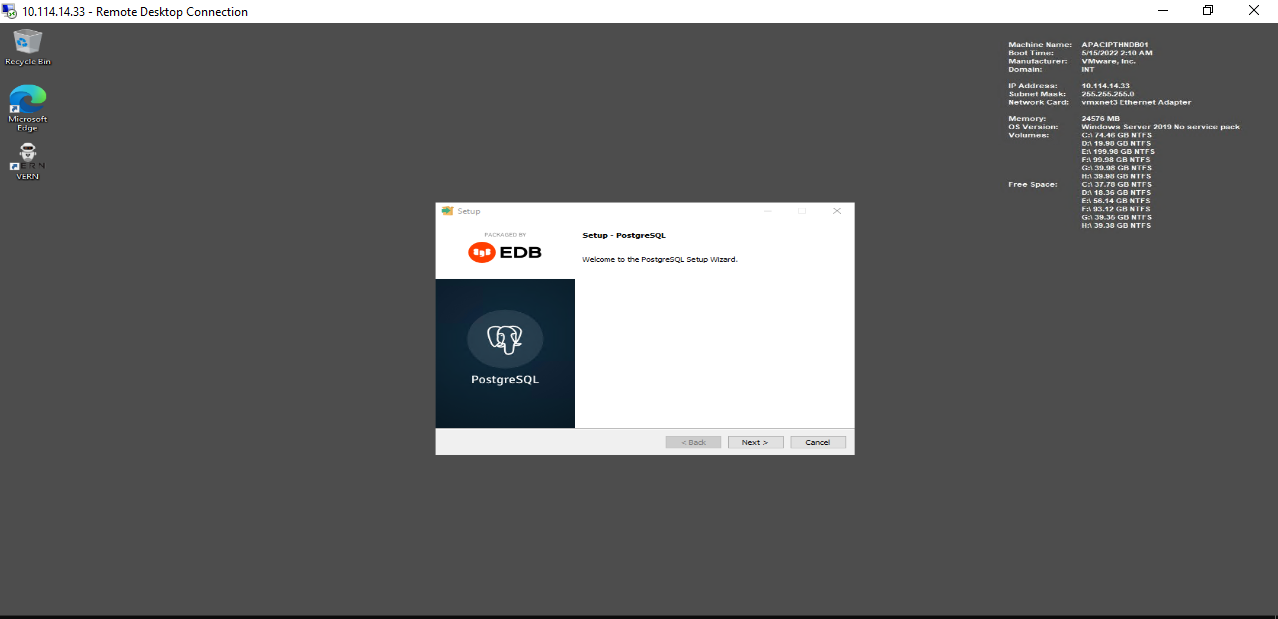
Log directory

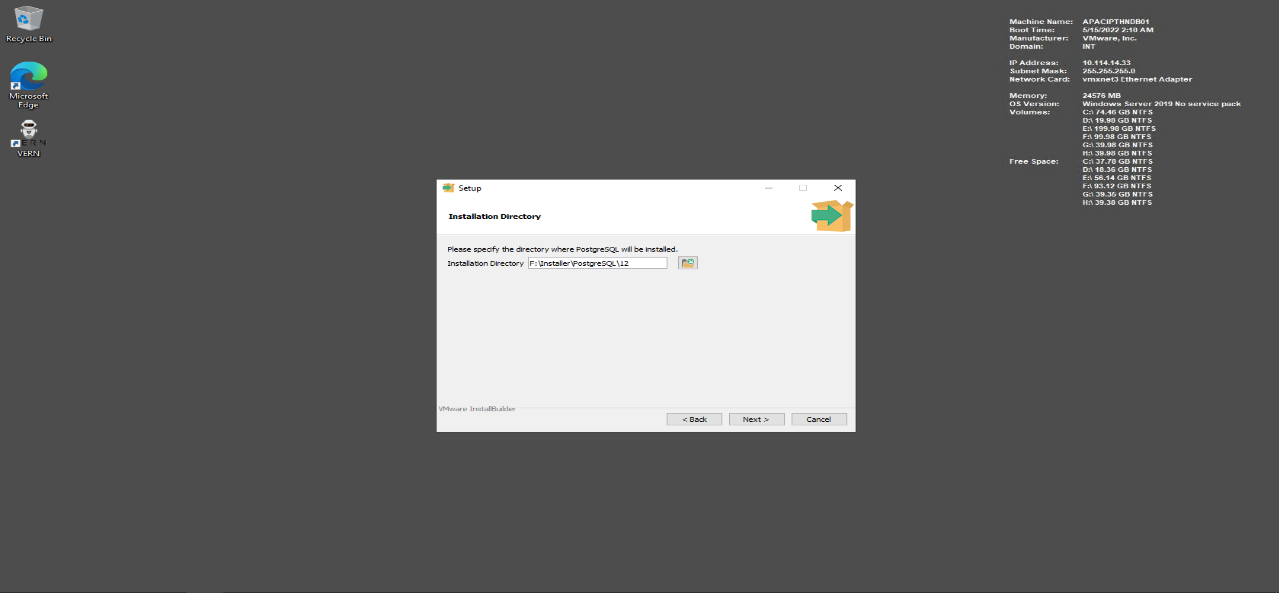
### Postgres download

#### Download postgres from <https://www.postgresql.org/>

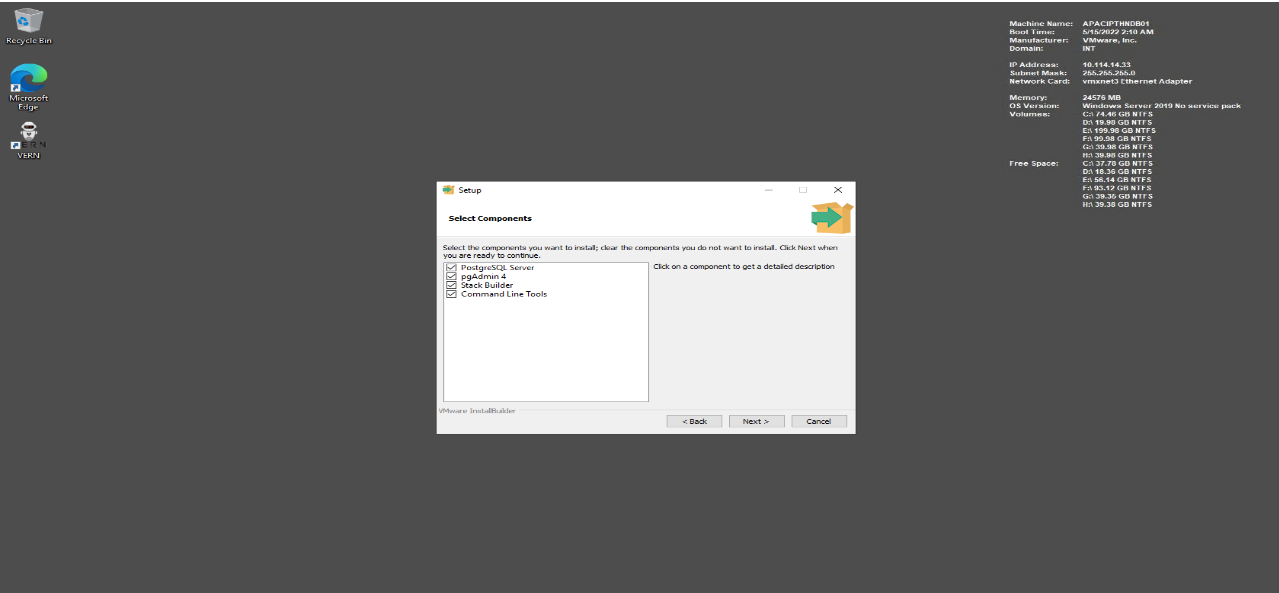
Recommended version 12.0



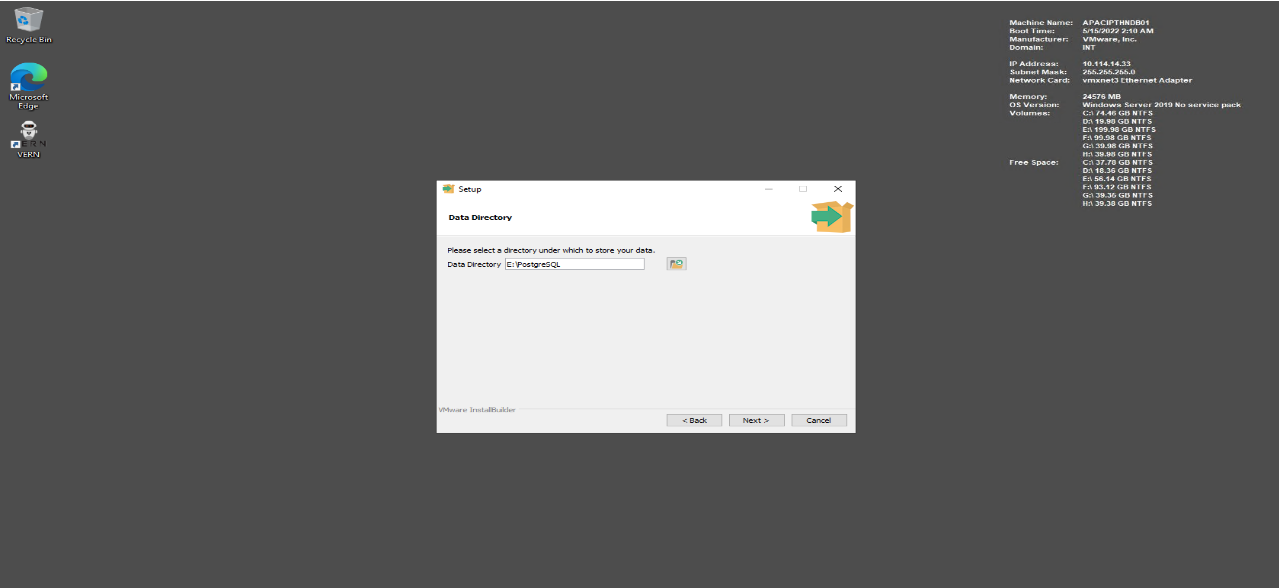




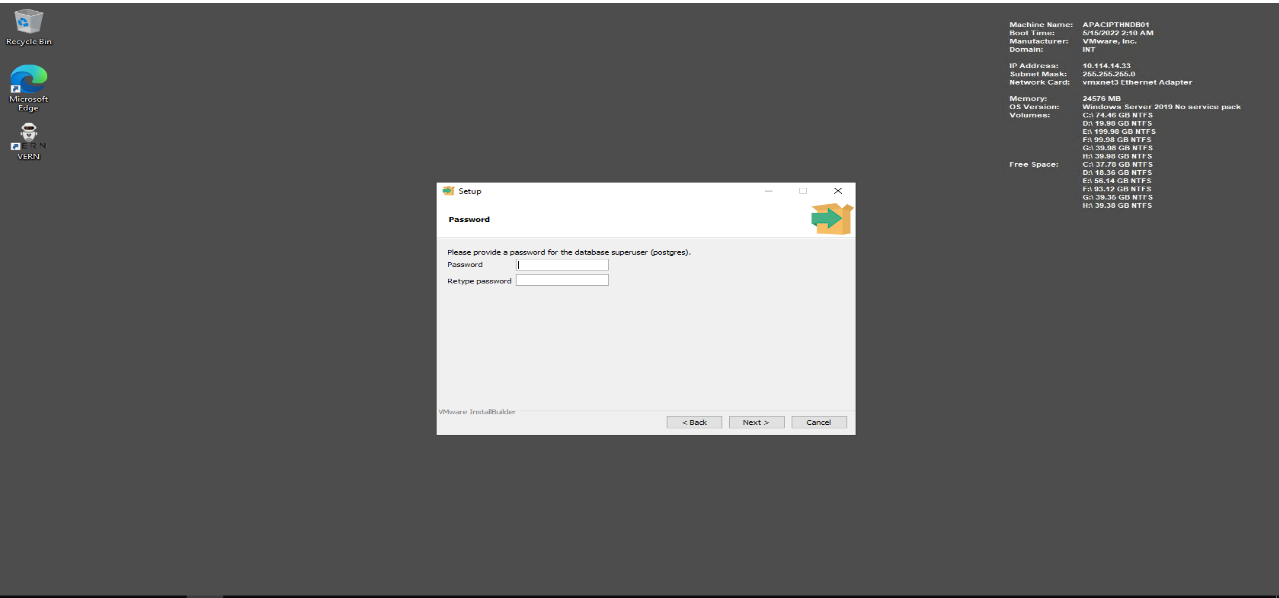
### Installation directory: F:\Installer\PostgreSQL\12



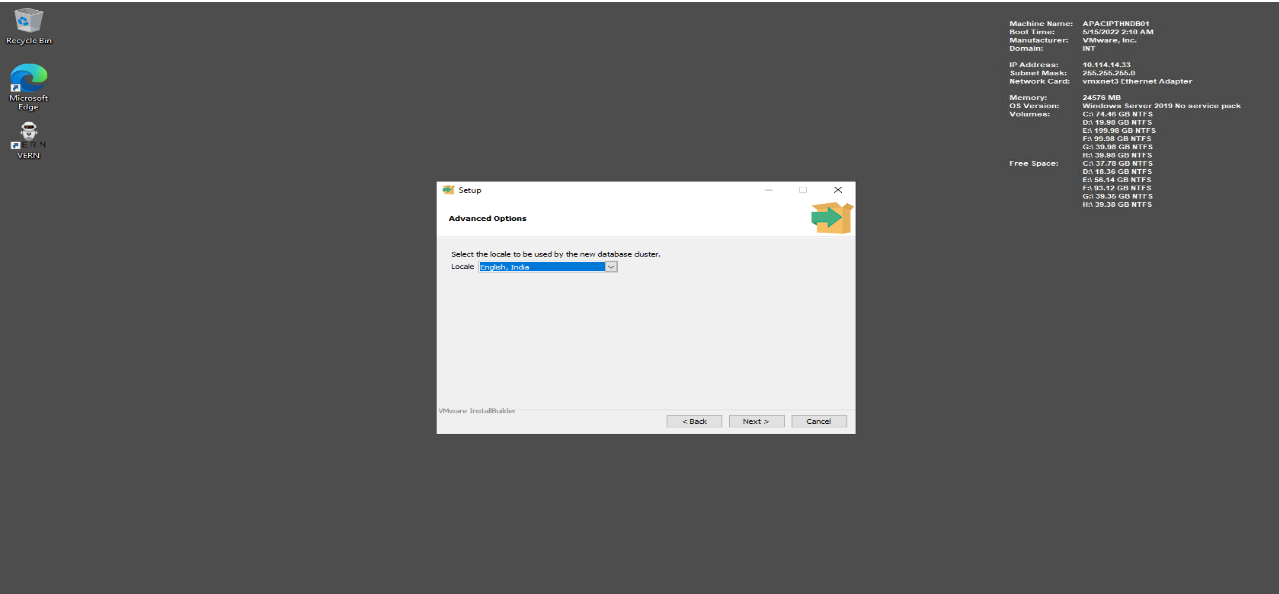
##### Selection of components



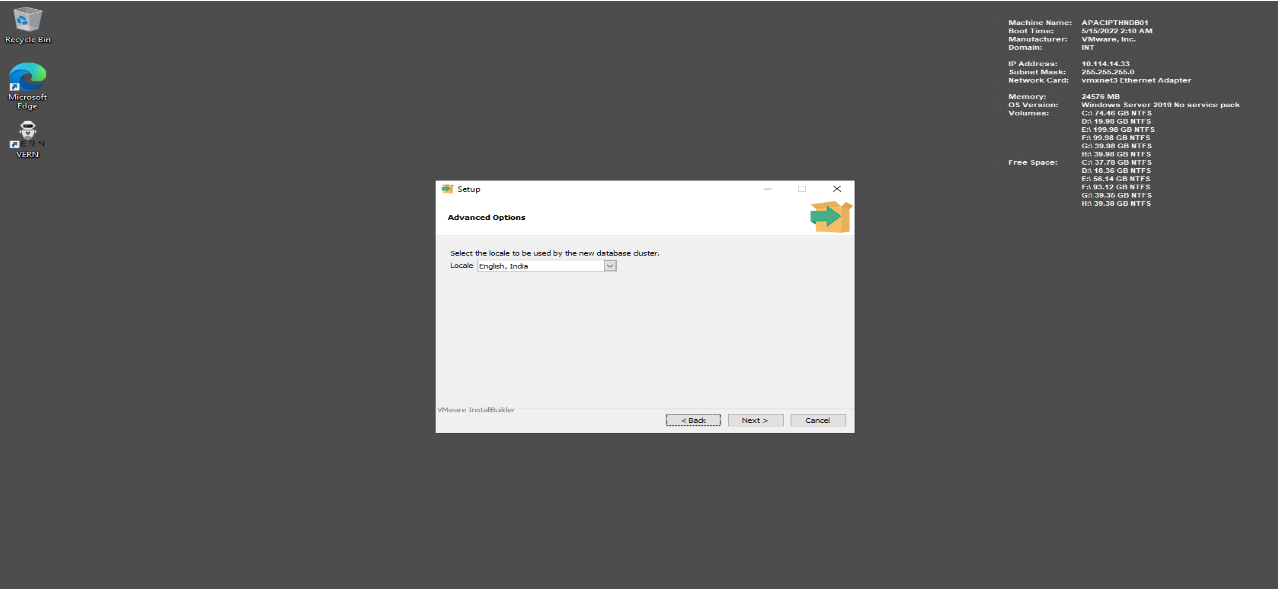
### Data directory:E:\PostgreSQL



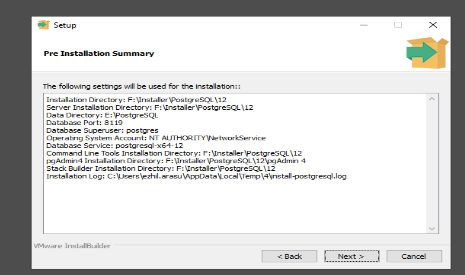
#### Password:pgadmin



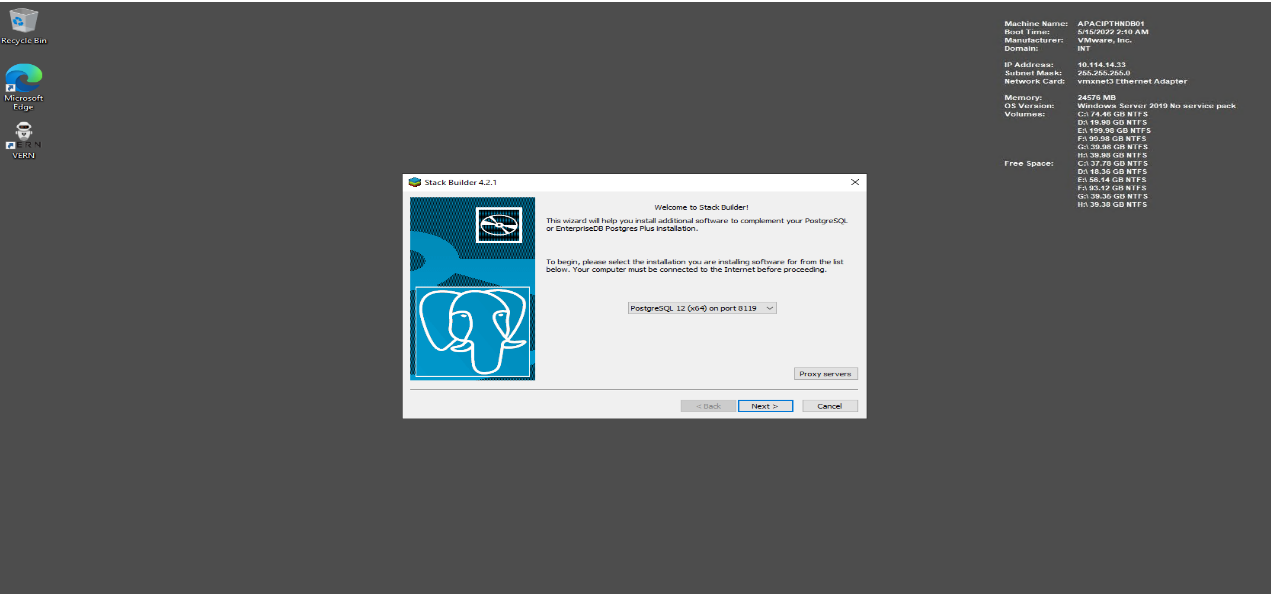
#### Select Locale - Eng[India]

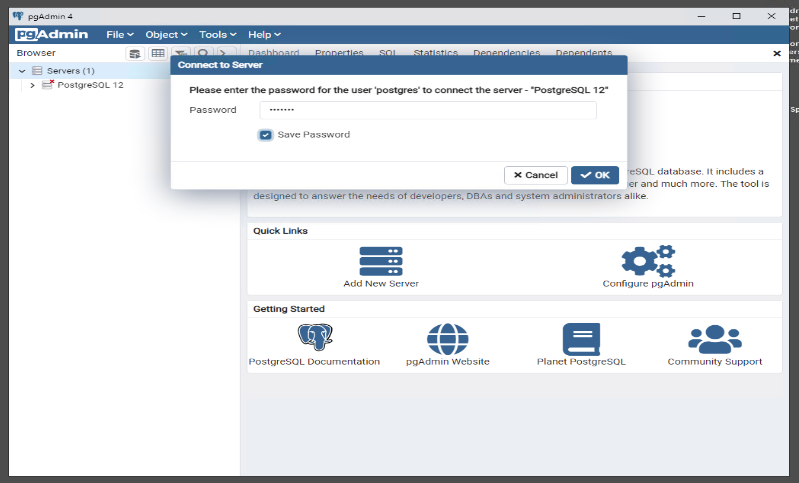


English India



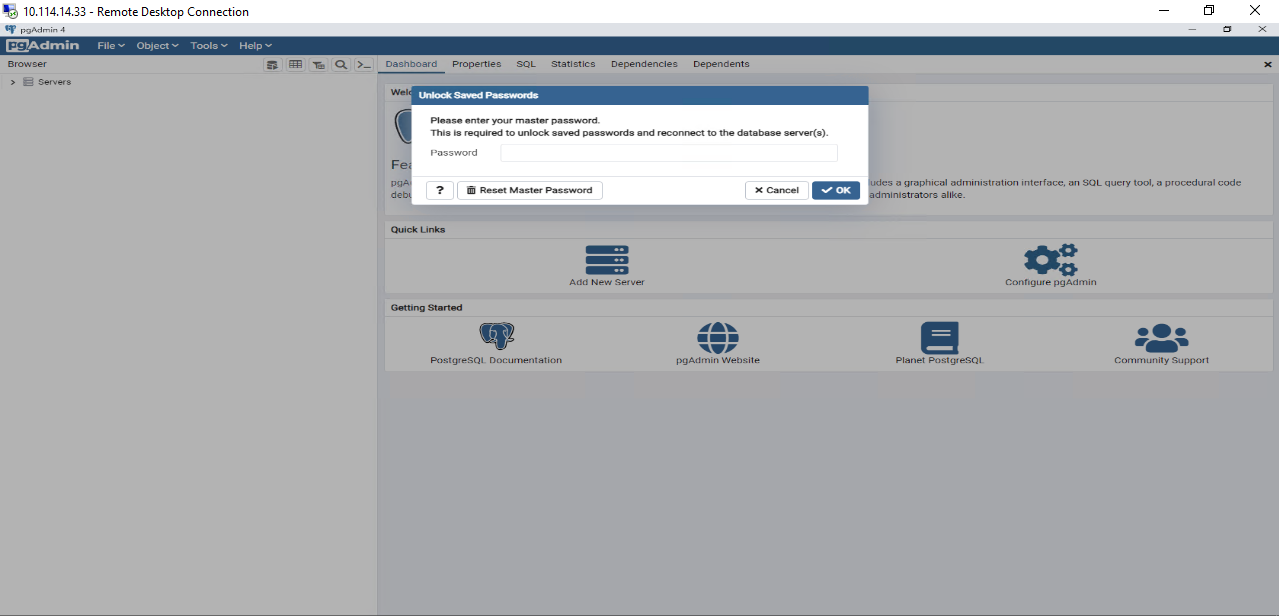
Backend server of Vertiv:10.114.14.33

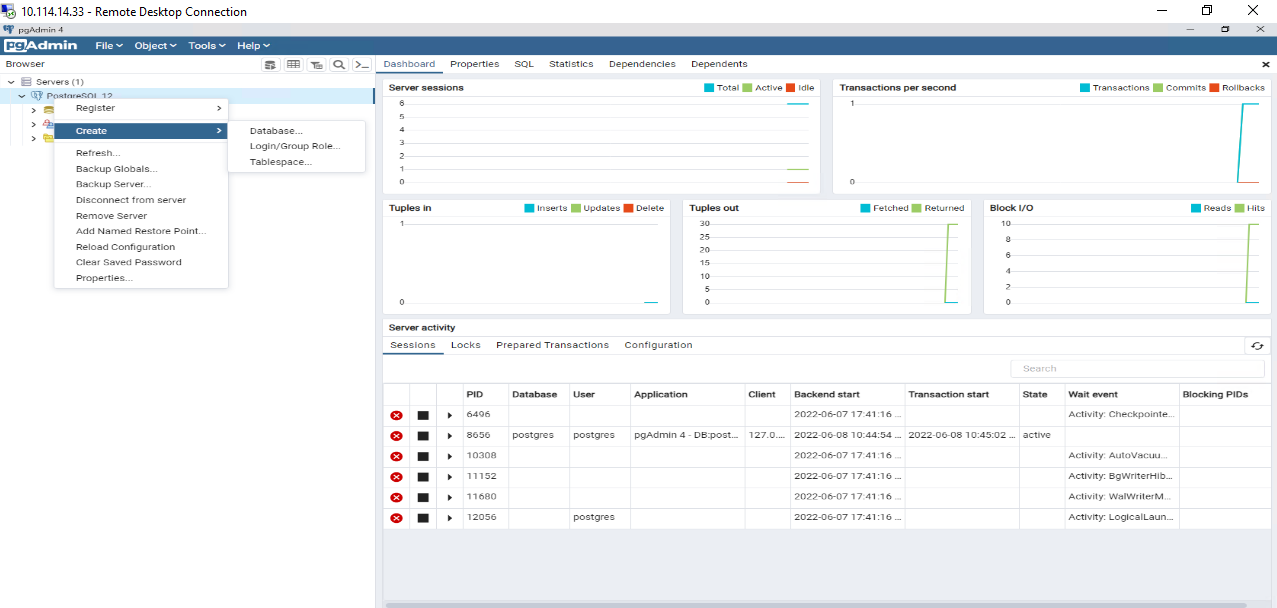


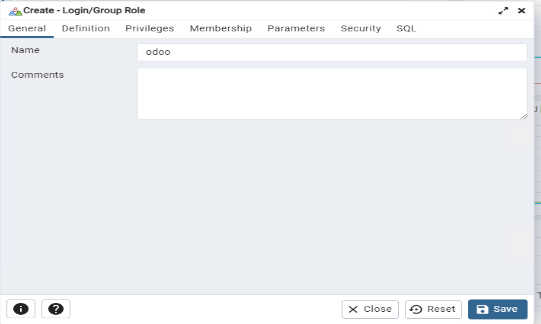


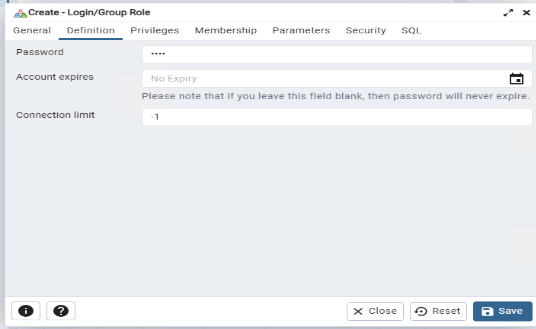
#### Enter master password:pgadmin

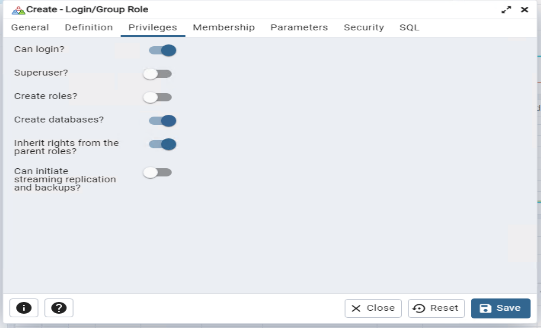
#### Dbsync password:pgadmin





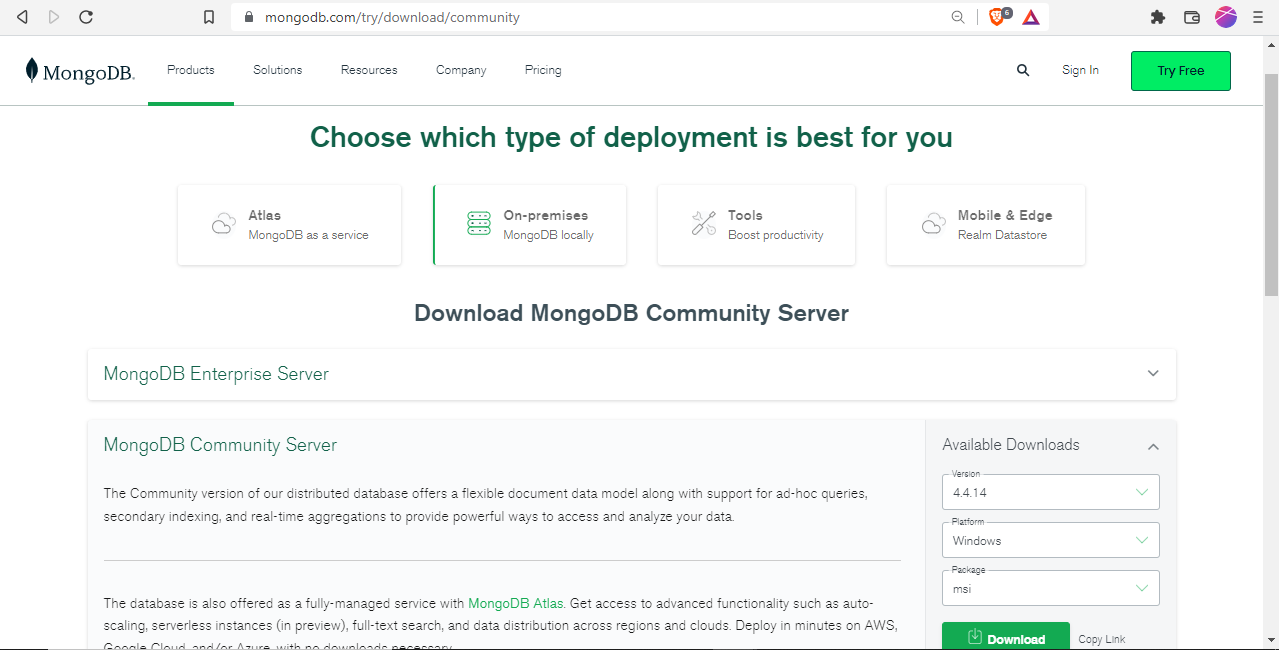


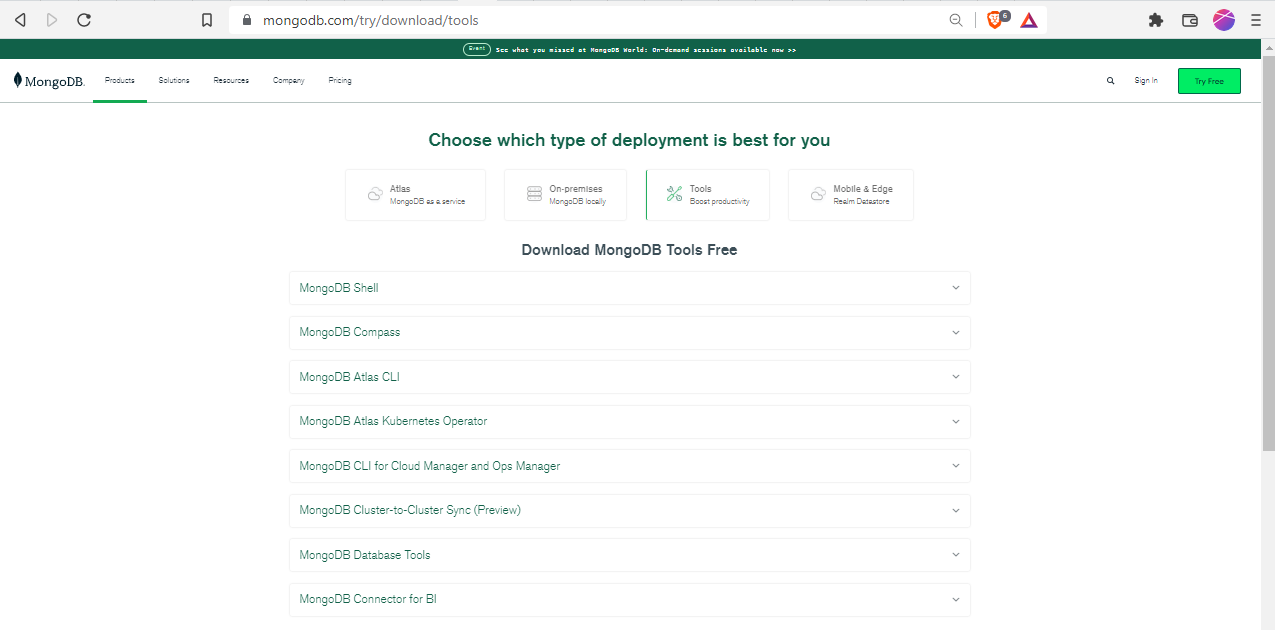




### Mongod DB Installation Guide

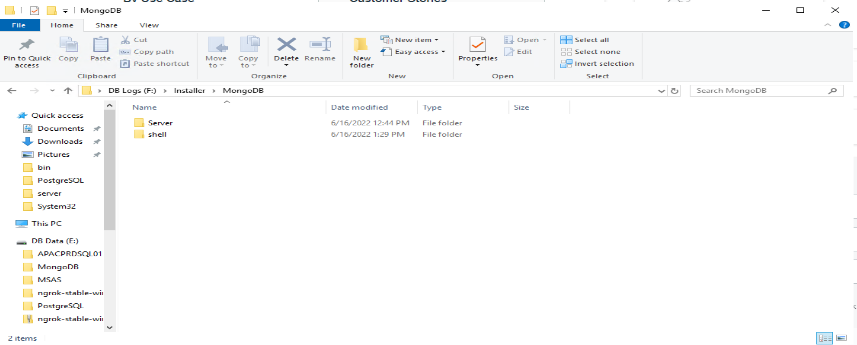
Download Mongodb Community server 4.4.14





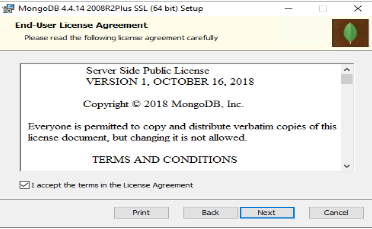
Download Mongodb Shell,tools and compass,   
Create shell directory in F:\Installer\MongoDB

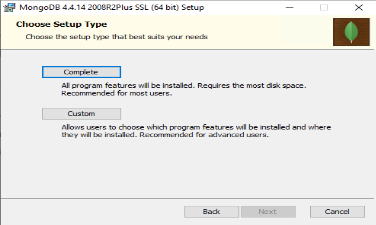
Unzip Tools and Mongodb Shell

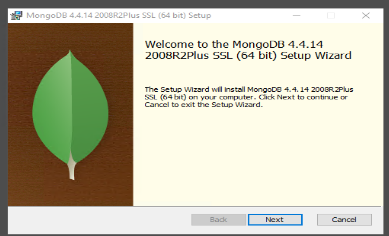


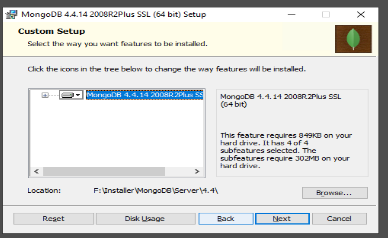
## 

## Install Mongodb

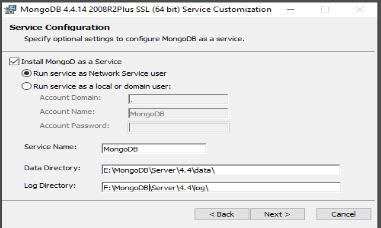






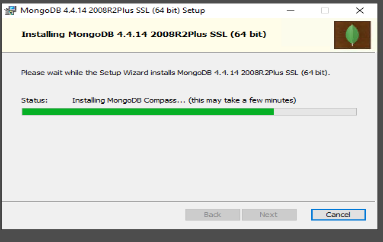


d



Data directory:E:\MongoDB\Server\4.4\data\

Log Directory:F:\MongoDB\Server\4.4\log\



Configuration of Postgres server

Open E:\PostgreSQL\pg\_hba.conf

Add the following

**host all all 10.112.12.15/32 md5**

Configuration of Mongodb server

Open F:\Installer\MongoDB\Server\4.4\bin\mongod.cfg

Add the following in **network interfaces section**

**# network interfaces**

**net:**

**#port: 8120**

**#bindIp: localhost**

**port: 8120**

**bindIp: 127.0.0.1,10.114.14.33**

## Enable Oplong

[**https://stackoverflow.com/questions/59680885/mongodb-enable-oplog-windows**](https://stackoverflow.com/questions/59680885/mongodb-enable-oplog-windows)

**To be done in backend server**

1. **Add the replication configs in the mongod.cfg file.**
   1. **replication: replSetName: rs0**
   2. **oplogSizeMB: 5096**
2. **Restart MongoDB from services.**
3. **Open MongoDB from a command prompt.**
4. **Execute the following command in the mongo terminal:  
   rs.initiate({\_id:"vertivrs", members: [{"\_id":1, "host":"127.0.0.1:8120"}]})  
    After that you'll see something like this:  
   { "info" : "Config now saved locally. Should come online in about a minute.", "ok" : 1 }**
5. **Switch to the local database using use local.**
6. **You can verify oplog.rs by viewing the collections using: show collections**

BACKUP & RESTORE Postgres Database

#### Backup

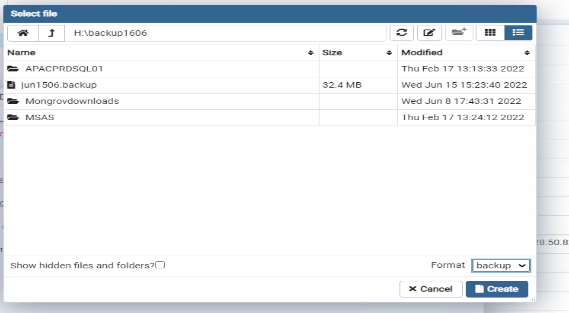
Open PGADMIN

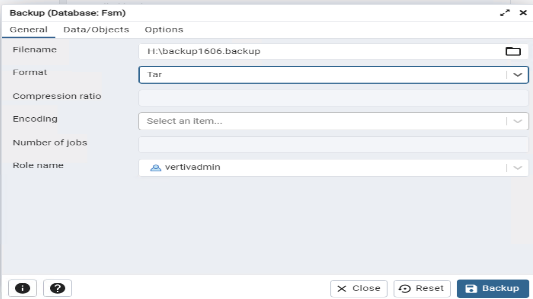
Provide the master password $Welcome@123456#$/pgadmin

Select Server/Database/FSM

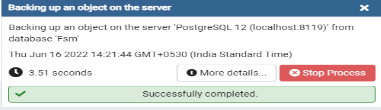
In FSM Right click and select backup

In Backup window type the filename and select the appropriate directory



****

**Select format and rolename and click backup**

****

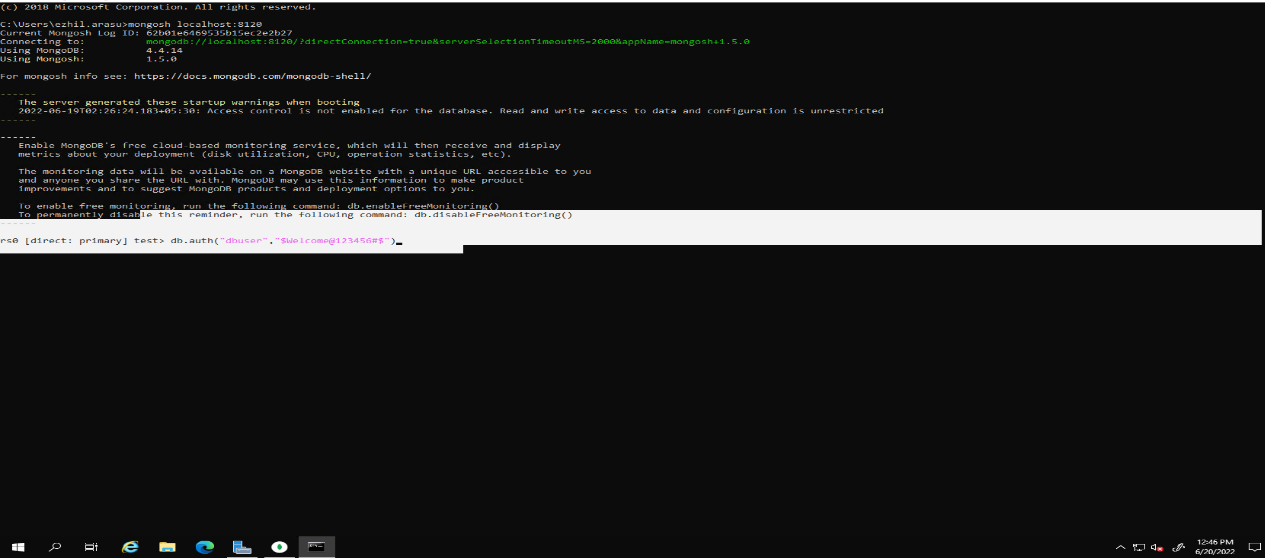
**A new popup will be displayed.**

#### On restoring to a new db

**Create a db**

**Create a role “Vertivadmin”**

**Select db and restore data**

**Mongodb configuration**

**After installation**

#### **-Give network settings and restart**

**net:**

**port: 8120**

**bindIp: 10.114.14.33, 127.0.0.1**

#### **-Create root user and give permission as below**

#### **-Generate ssl file**

#### **-Add oplog settings and restart**

#### **-Add security settings and restart**

# 

# 

# Create root user and give permission as below

**db.createUser({user:"dbroot",pwd:"$Welcome@123456#$",roles:[{role:"root",db:"admin"}]})**

**Use Admin : use admin Create a super user : db.createUser( { user: "master", pwd: "test@123", roles: [ { role: "readWriteAnyDatabase", db: "admin" }, { "role" : "dbAdminAnyDatabase", "db" : "admin" }, { "role" : "clusterAdmin", "db" : "admin" }, "userAdminAnyDatabase" ] } )**

**f1Sp1Pa**

**db.createUser( { user: "vertiv", pwd: "f1Sp1Pa", roles: [ { role: "readWriteAnyDatabase", db: "admin" }, { "role" : "dbAdminAnyDatabase", "db" : "admin" }, { "role" : "clusterAdmin", "db" : "admin" }, "userAdminAnyDatabase" ] } )**

### Create first user

**Use admin**

**db.createUser( { user: "vertiv", pwd: "f1Sp1Pa", roles: [ { role: "readWriteAnyDatabase", db: "admin" }, { "role" : "dbAdminAnyDatabase", "db" : "admin" }, { "role" : "clusterAdmin", "db" : "admin" }, "userAdminAnyDatabase" ] } )**

**db.createUser({**

**user: "root",**

**pwd: "root",**

**roles: [**

**{role: "root", db: "admin"}**

**]**

**})**

**mongodb://vertiv:f1Sp1Pa@10.114.14.33:8120/?authMechanism=DEFAULT&replicaSet=vertivrs&authSource=admin**

### Creating the keyfile and setting permissions on it:

**openssl rand -base64 741 > F:\Installer\MongoDB\Server\bin\**

## ADDING REPLICATION SETTINGS

**replication:**

**replSetName: vertivrs**

**oplogSizeMB: 5096**

## ADDING SECURITY PERMISSION

**Mongod conf**

**# mongod.conf**

**# for documentation of all options, see:**

**# http://docs.mongodb.org/manual/reference/configuration-options/**

**# Where and how to store data.**

**storage:**

**dbPath: e:\MongoDB\Server\data**

**journal:**

**enabled: true**

**# engine:**

**# mmapv1:**

**# wiredTiger:**

**# where to write logging data.**

**systemLog:**

**destination: file**

**logAppend: true**

**path: F:\MongoDB\Server\log\mongod.log**

**# network interfaces**

**net:**

**port: 8120**

**bindIp: 10.114.14.33, 127.0.0.1**

**#processManagement:**

**security:**

**keyFile: F:\Installer\MongoDB\Server\bin\mongossl.txt**

**authorization: enabled**

**#operationProfiling:**

**#replication:**

**replication:**

**replSetName: vertivrs**

**oplogSizeMB: 5096**

**#sharding:**

**## Enterprise-Only Options:**

**#auditLog:**

**#snmp:**