1)create a file with name db.sh and add the below script to create a database,user and password inside postgres.

#!/bin/bash

set -e

DB\_NAME=${1:-ariadnetps}

DB\_USER=${2:-ariadne}

DB\_USER\_PASS=${3:-aswindia}

sudo su postgres <<EOF

createdb $DB\_NAME;

psql -c "CREATE USER $DB\_USER WITH PASSWORD '$DB\_USER\_PASS';"

psql -c "grant all privileges on database $DB\_NAME to $DB\_USER;"

echo "Postgres User '$DB\_USER' and database '$DB\_NAME' created."

EOF

2)create a file with name envsetup.sh and add the below script to install the pre-requisites like firefox,java,maven,apache2,postgresql,pgadmin and xrdp.

#!/bin/bash

sudo apt-get update

##New Instance Setup :

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## Install Firefox :

sudo apt -y install software-properties-common

sudo apt-get -y upgrade

sudo add-apt-repository ppa:ubuntu-mozilla-security/ppa -y

sudo apt -y update && sudo apt -y install firefox

## Install java :

sudo apt-get -y install openjdk-8\*

##Install maven :

sudo apt-get -y install maven maven\*

##Install apache2 :

sudo apt-get -y install apache2

##Install tomact8 :

sudo apt-get -y install tomcat8

##Install postgres10 :

sudo apt-get -y install wget ca-certificates

sudo add-apt-repository 'deb http://apt.postgresql.org/pub/repos/apt/ xenial-pgdg main'

wget --quiet -O - https://www.postgresql.org/media/keys/ACCC4CF8.asc | sudo apt-key add -

sudo apt-get -y update

sudo apt-get -y install postgresql-10

## Install pgadmin4 :

##to remove old pgadmin4

sudo apt -y autoremove pgadmin4

curl https://www.pgadmin.org/static/packages\_pgadmin\_org.pub | sudo apt-key add

sudo sh -c 'echo "deb https://ftp.postgresql.org/pub/pgadmin/pgadmin4/apt/$(lsb\_release -cs) pgadmin4 main" > /etc/apt/sources.list.d/pgadmin4.list && apt update'

sudo apt -y install pgadmin4

xdg-settings set default-web-browser firefox.desktop

## to run script for creating database in postgres

source db.sh

## to install xrdp on ubuntu16.04:

sudo apt-get -y install xrdp

sudo apt-get update

sudo apt-get -y install mate-core mate-desktop-environment mate-notification-daemon

sudo sed -i.bak '/fi/a #xrdp multiple users configuration \n mate-session \n' /etc/xrdp/startwm.sh

sudo reboot now

3)finally give the command source envsetup.sh which will execute the commands in succession.