Profile Management Tool

• First you have created a profile to operate server.

You have to remember your IBM Installation Manager path where you have installed it. Then follow the path where you can find profile management tool to manage profiles.

```
[root@localhost ProfileManagement]# pwd
/opt/IBM/WebSphere/AppServer/bin/ProfileManagement
[root@localhost ProfileManagement]#
```

After reaching the directory there is a application name pmt.sh

```
[root@localhost ProfileManagement]# ls
eclipse64 pmt.sh wct.sh
[root@localhost ProfileManagement]#
```

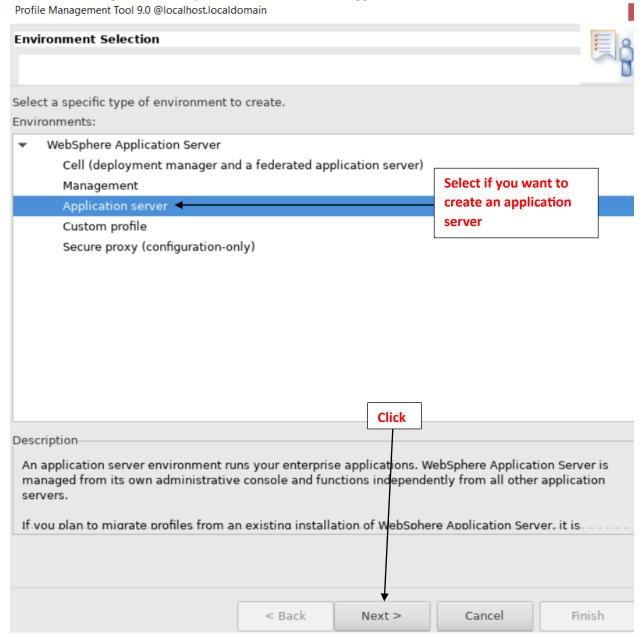
After finding this file run command ./pmt.sh

```
[root@localhost ProfileManagement]# ls
eclipse64 pmt.sh wct.sh
[root@localhost ProfileManagement]# ./pmt.sh
```

After run this command profile management tool will open and look like this and then click on create.



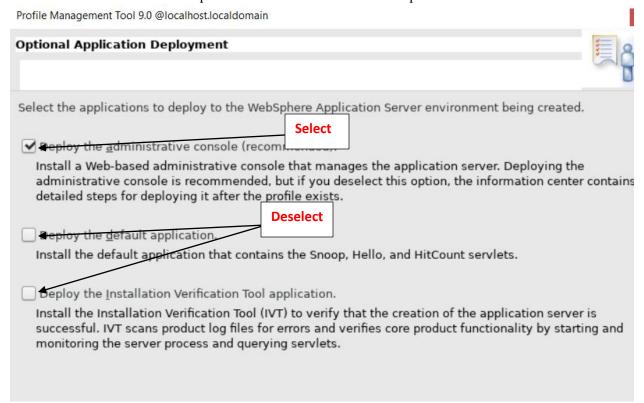
After pressing create, the next step is to select the environment you want to create like application server or custom profile etc. Right now we have to create application server.



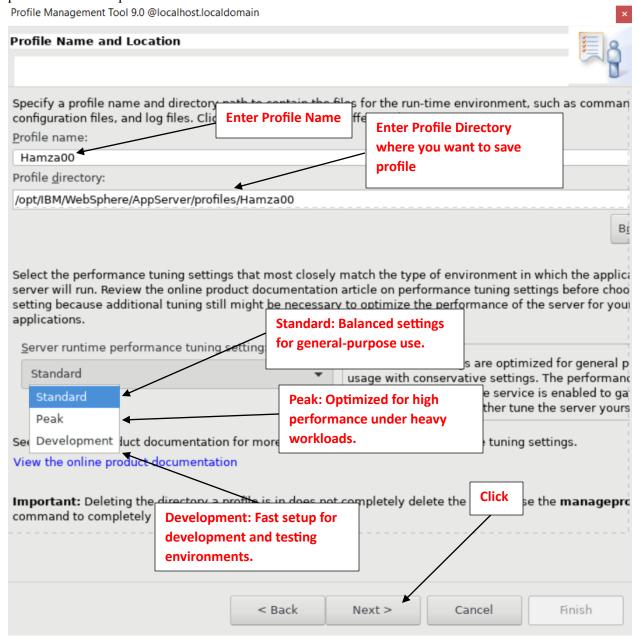
After pressing the next button, the next step is to select which type of profile you have to create, select one of the type and press on next button.

Profile Management Tool 9.0 @localhost.localdomain Profile Creation Options Choose the profile creation process that meets your needs. Pick the Typical option to allow the Profile Management Tool to assign a set of default configuration values to the profile. Pick the Advanced option to specify your own configuration values for the profile. **Typical profile creation uses** default configuration and Typical profile creation tools and packages to create Create an application server profile that uses default configurat ent server profile Tool assigns unique names to the profile, node, and host. The to The administrative console and the default application will be installed. You can optionally select whether to enable administrative security. The tool might create a system service to run the application server depending on the operating system of your machine and the privileges assigned to your user account. Note: Default personal certificates expire in one year. Select Advanced profile creation to create a personal certificate with a different expiration. Advanced profile creation asks for some details for profiles and do <u>A</u>dvanced profile creation
 ← custom setting what you want for Create application server using default configuration settings or s the server profile. such as the location of the profile and names of the profile, node, port values. You can optionally choose whether to deploy the administrative console, and create a Web server definition. You might have the option to run the application server as a system service depending on the operating system of your machine and the privileges assigned to your user account.

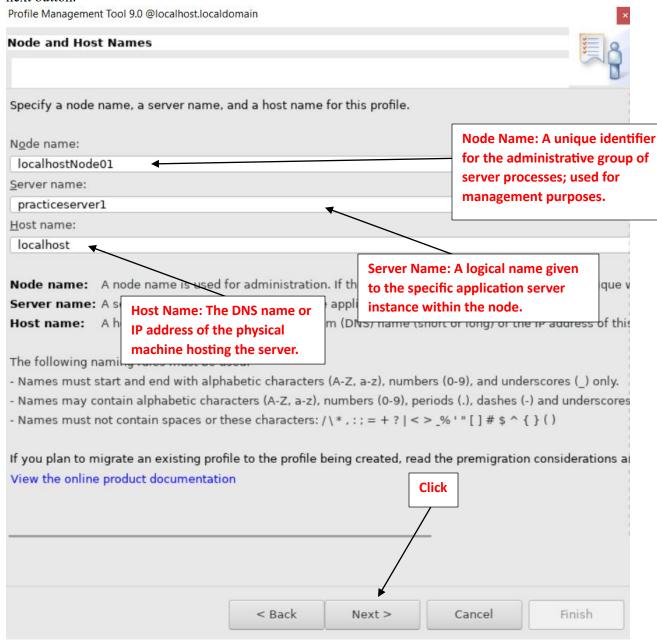
After selecting the type of the server (Advanced profile creation) press next button so you can proceed to the next step and then deselect the 2nd and 3rd option, only select 1st option Deploy the administrative console and then press on next button for the next step.



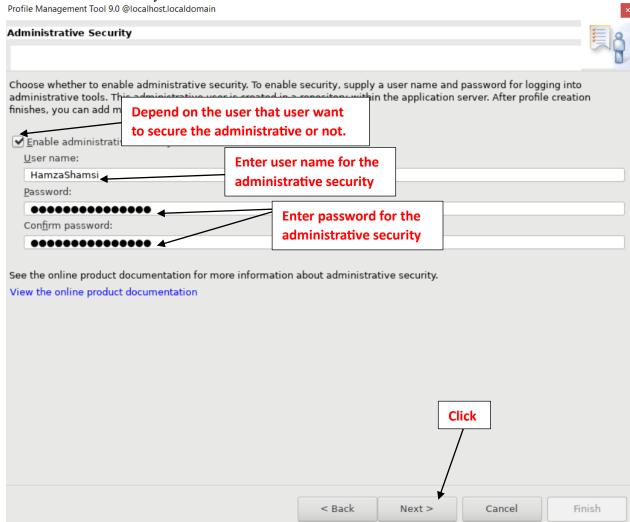
After proceeding to the next step, you have to enter Profile name and profile directory and last select server runtime performance Standard or Peak or Advanced and then click on next button to proceed to next step.



After pressing next button, the next step is to put node name, server name and host name for the domain name and for the administrative name and power and then press next button to proceed to next button.

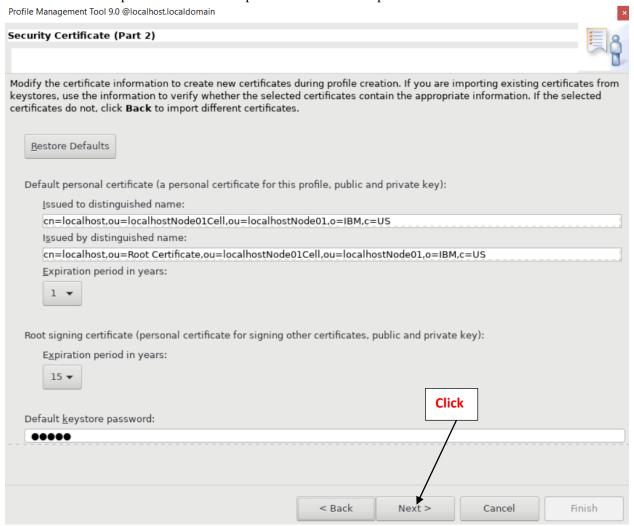


After pressing the next button, the next step is to secure the administrative power by entering username and password for the admin power and then press next button for the next step but you can deselect the enable administrative security then you no need to enter username and password for administrative security.

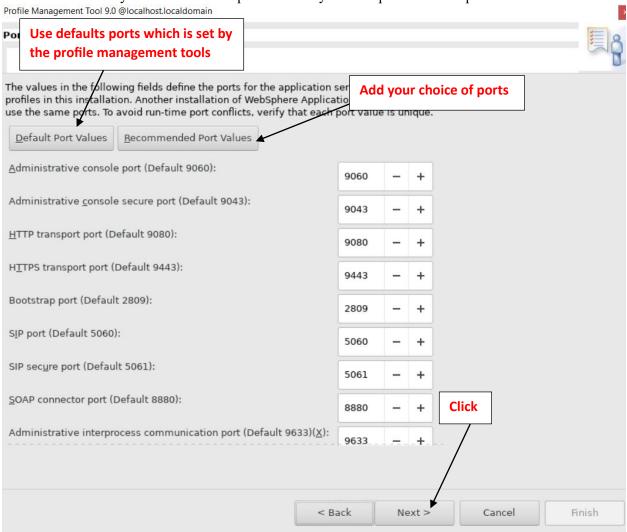


After pressing the next button, the next step is to put the security certificate for the server and client secure communication or if you don't have certificate just press next button tool will create default personal certificate.

Profile Management Tool 9.0 @localhost.localdomain Security Certificate (Part 1) Choose whether to create a default personal certificate and root signing certificate, or import them from keystores. To create new certificates, proceed to Part 2 and provide the certificate information. To import existing certificates from keystores, locate If you have security certificate then select information. import and give details if you done have security certificate just let tool create the • Create a new default personal certification default certificate for the server O Import an existing default personal ce Default personal certificate Path: Browse... Password: Keystore type: Keystore <u>a</u>lias: Create a new root signing certificate. Import an existing root signing certificate. Root signing certificate Path: click Password: < Back Next > Cancel Finish After pressing the next button, the next step is to check the information or details of the security certificate and then press next button for proceed to the next step.



After pressing the next button, the next step is to step up the ports number or assign the port values of the server you can use default port or create your own ports and then press next button.

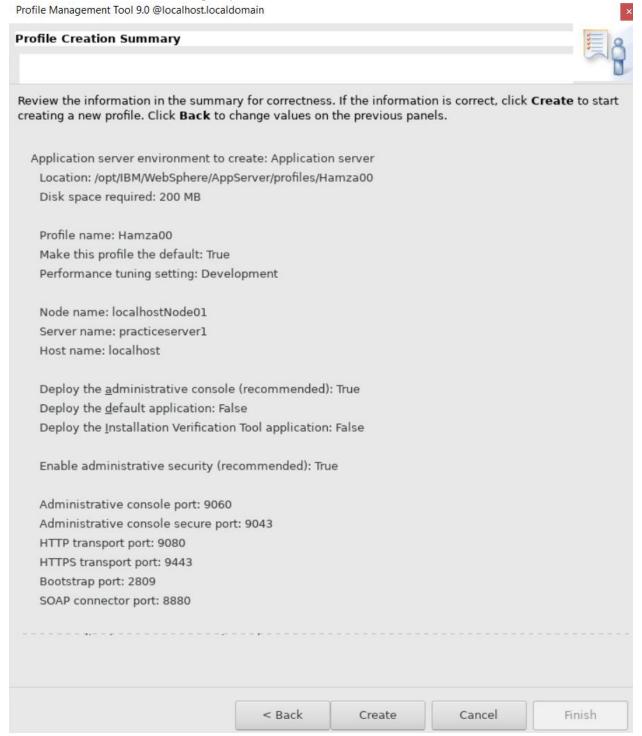


After pressing the next button, the next step is to enable linux service or not and then press next, linux service provide you linux work environment.

Profile Management Tool 9.0 @localhost.localdomain

user, web server allow the user to set the routes of the application server and then press the next
Run the application server process as a Linux service. User name: After pressing the next button, the next step is to enable the web server or not its depend on the user, web server allow the user to set the routes of the application server and then press the next button for the next step.
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Web Server Definition
the application server. Alternatively, you can create a Web server definition from the administrative console or a script that is generated during Web server plug-ins installation. Create a Web server definition
Web server type:
IDM LITTO Conserve
IBM HTTP Server ▼
Web server operating system:
Web server operating system: Linux ▼
Web server operating system: Linux Web server name:
Web server operating system: Linux Web server name: webserver1
Web server operating system: Linux Web server name: webserver1 Web server host name or IP address:
Web server operating system: Linux Web server name: webserver1

After assigning the ports and then press the next button to reach the final destination of the server take the screenshot of the last step so you can save all the details.



Press on create (for creating the server)