



CHANGING IP ADDRESS OF PERSYSSTENT SERVER

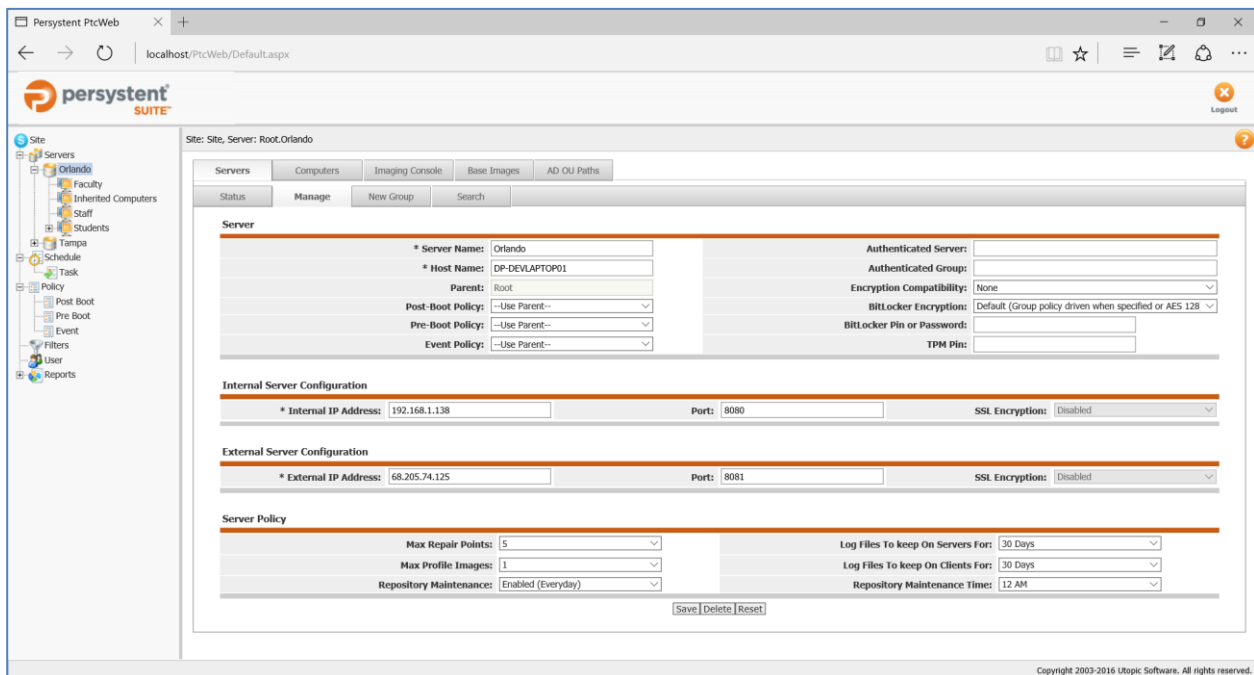
Overview

It is important to have a static IP Address for Persysistent Server. Change may require manual intervention to update the IP address for Persysistent Server on the server as well as Persysistent machines in the environment.

Changing IP Address on the Persysistent WebUI

Here are the steps to update the IP address on Persysistent WebUI:

1. Launch WebUI.
2. Click on the Persysistent Server on the left hand side tree.
3. Click on the “Manage” tab.
4. Update the IP Address



5. Click “Save” to save the changes.



Update IP Address on Persysistent Server configuration file

Here are the steps to update the IP address on Persysistent Server configuration file:

1. Stop **Persysistent Repository Service** on the Persysistent Server.
2. Browse to: **C:\Program Files\Utopic Software\Server** on the Persysistent Server.
3. Open **Persysistent.RepositoryService.exe.config** file in notepad.
4. Update the IP Address in two sections of the config file very carefully.

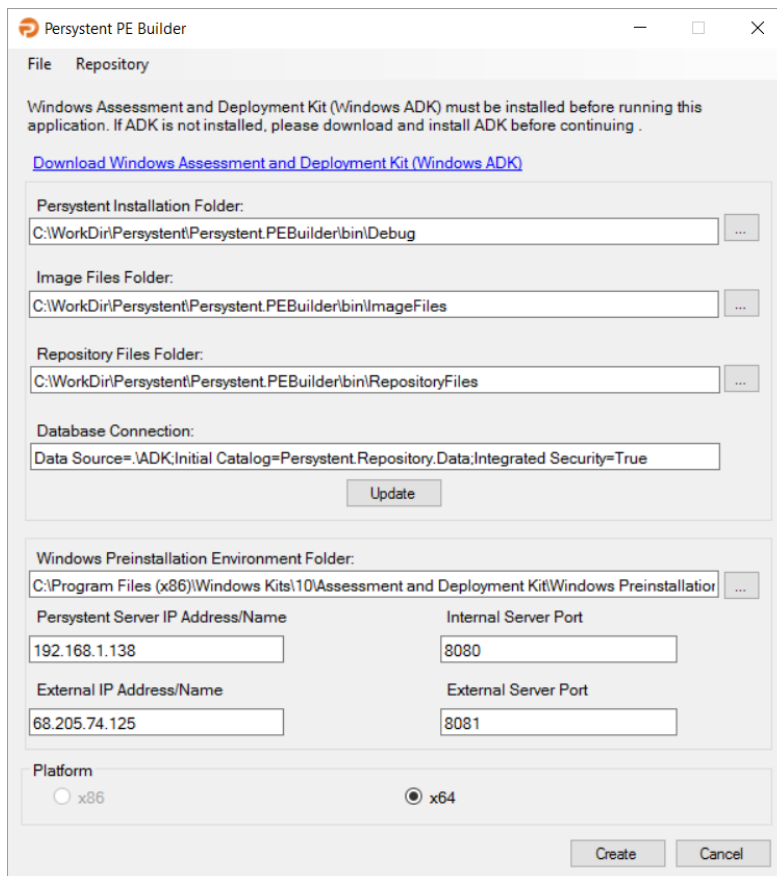
```
<services>
  <service behaviorConfiguration="ThrottleUp" name="Persysistent.RepositoryService.StreamingRepositoryService">
    <endpoint address="http://192.168.1.138:8080/StreamingRepositoryService"
      binding="customBinding" bindingConfiguration="Streaming" name=""
      contract="Persysistent.ClientContracts.IStreamingRepositoryService">
      <identity>
        <userPrincipalName value="" />
      </identity>
    </endpoint>
  </service>
  <service name="Persysistent.RepositoryService.RepositoryService">
    <endpoint address="http://192.168.1.138:8080/RepositoryService" binding="basicHttpBinding"
      bindingConfiguration="basicHttpBindingLargeMessage" name=""
      contract="Persysistent.RepositoryService.IRepositoryService">
      <identity>
        <userPrincipalName value="" />
      </identity>
    </endpoint>
  </service>
</services>
```

5. Save and close the file.
6. Start **Persysistent Repository Service** on the Persysistent Server.
7. Verify that the service is started and verify the service logs to make sure there aren't any errors.

Update Persysntent PE Boot Image

Here are the steps to update Persysntent PE boot image:

1. Run **Persysntent.PEBuilder.exe** as an administrator from **C:\Program Files\Utopic Software\Server\PE Builder**.



2. Click the **Update** button to update the settings.
3. Click **OK** on the success dialog.
4. Ensure the **Persysntent Server IP Address/Name** field contains the correct IP address of the Persysntent server. If necessary, enter the correct IP address.
5. Ensure the **Persysntent Server Port** field contains the correct port configured during installation. If necessary, enter the correct port.
6. In the Platform section ensure that the **x64** option is selected.

NOTE The x64 PE image works for both 32bit and 64 bit versions of Windows. There is no need to create both types. Only the x64 version of the image needs to be created.

7. Click **Create**.
8. The PE image is being created. This may take some time, wait for it to finish.

9. Click **OK**.
10. PE Image is updated with the drivers. You will need to recreate Persysntent bootable USB, CD or DVD if you are using it to boot computers to Persysntent. If you are using PXE boot then follow the steps in the next section to update Persysntent Boot Image in Windows Deployment Service.

Update Persysntent PE Boot Image in Windows Deployment Services

Windows Deployment Services (WDS) is used to answer PXE requests. The boot image needs to be updated in WDS whenever there are changes made to the Persysntent PE Boot Image. Here are the steps to update the PE Boot Image in WDS:

1. Launch Windows Deployment Services.
2. In the left pane expand **Servers**, expand the current server, and select the **Boot Images** folder.
3. Delete the current Persysntent boot image if exists.
4. Right click the **Boot Images** folder and select **Add Boot Image**.
5. In the **Add Image Wizard** click **Browse**:
 - a. Browse to: **C:\Program Files\Utopic Software\Server\x64**.
 - b. Select the **pewim.wim** image and click **Open**.
 - c. Click **Next**.
 - d. Change the **Image name** and **Image description** to **Persysntent PE (x64)**, and then click **Next**.
 - e. Click **Next**, then click **Finish**.

Update IP Address on Persysistent Clients

The new Persysistent Server IP address needs to be updated on the existing machines. This can be done either manually or automatically by using a batch scripts. Here are the steps:

1. Stop **Persysistent Client Service**.
2. Browse to **C:\Windows\Persysistent** on the client machine.
3. Open **Persysistent.ClientService.exe.config** file using Notepad.
4. Update the IP address in **Persysistent.ClientService.exe.config** file.

```
<client>
  <endpoint address="http://192.168.1.138:8080/StreamingRepositoryService"
    binding="customBinding" bindingConfiguration="Streaming" contract="Persysistent.ClientContracts.IStreamingRepositoryService"
    name="IStreamingRepositoryService">
    <identity>
      <userPrincipalName value="" />
      <certificateReference storeName="My" storeLocation="LocalMachine"
        x509FindType="FindBySubjectDistinguishedName" />
    </identity>
  </endpoint>
  <endpoint address="http://192.168.1.138:8080/RepositoryService" binding="basicHttpBinding"
    bindingConfiguration="basicHttpBindingLargeMessage" contract="Persysistent.ClientContracts.IRepositoryService"
    name="IRepositoryService">
    <identity>
      <userPrincipalName value="" />
    </identity>
  </endpoint>

  <endpoint address="http://68.205.74.125:8081/StreamingRepositoryService"
    binding="customBinding" bindingConfiguration="Streaming" contract="Persysistent.ClientContracts.IStreamingRepositoryService"
    name="IStreamingRepositoryService2">
    <identity>
      <userPrincipalName value="" />
      <certificateReference storeName="My" storeLocation="LocalMachine"
        x509FindType="FindBySubjectDistinguishedName" />
    </identity>
  </endpoint>
  <endpoint address="http://68.205.74.125:8081/RepositoryService" binding="basicHttpBinding"
    bindingConfiguration="basicHttpBindingLargeMessage" contract="Persysistent.ClientContracts.IRepositoryService"
    name="IRepositoryService2">
    <identity>
      <userPrincipalName value="" />
    </identity>
  </endpoint>
</client>
```

5. Close and Save the file.
6. Open **Persysistent.PE.exe.config** file using Notepad.
7. Update the IP address in **Persysistent.PE.exe.config** file.

```
<client>
  <endpoint address="http://192.168.1.138:8080/StreamingRepositoryService"
    binding="customBinding" bindingConfiguration="Streaming" contract="Persystem.ClientContracts.IStreamingRepositoryService"
    name="IStreamingRepositoryService" kind="" endpointConfiguration="">
    <identity>
      <userPrincipalName value="" />
      <certificateReference storeName="My" storeLocation="LocalMachine"
        x509FindType="FindBySubjectDistinguishedName" />
    </identity>
  </endpoint>
  <endpoint address="http://192.168.1.138:8080/RepositoryService" binding="basicHttpBinding"
    bindingConfiguration="basicHttpBindingLargeMessage" contract="Persystem.ClientContracts.IRepositoryService"
    name="IRepositoryService">
    <identity>
      <userPrincipalName value="" />
    </identity>
  </endpoint>
  <endpoint address="http://68.205.74.125:8081/StreamingRepositoryService"
    binding="customBinding" bindingConfiguration="Streaming" contract="Persystem.ClientContracts.IStreamingRepositoryService"
    name="IStreamingRepositoryService2" kind="" endpointConfiguration="">
    <identity>
      <userPrincipalName value="" />
      <certificateReference storeName="My" storeLocation="LocalMachine"
        x509FindType="FindBySubjectDistinguishedName" />
    </identity>
  </endpoint>
  <endpoint address="http://68.205.74.125:8081/RepositoryService" binding="basicHttpBinding"
    bindingConfiguration="basicHttpBindingLargeMessage" contract="Persystem.ClientContracts.IRepositoryService"
    name="IRepositoryService2">
    <identity>
      <userPrincipalName value="" />
    </identity>
  </endpoint>
</client>
```

8. Close and Save the file.
9. Start **Persystent Client Service**.
10. Verify that the client is able to communicate with the server.
11. You can simply copy the updated **Persystent.ClientService.exe.config** and **Persystent.PE.exe.config** files to rest of the computers in the environment.

UTOPIC

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