

It is possible to increase the frequency with which the Coordinator initiates cube processing by modifying %programfiles%\1E\Tachyon\Coordinator\Tachyon.Server.Coordinator.exe.config to reduce the value and restarting the Tachyon Coordinator service:
<add key="ExperienceCubeProcessingIntervalMinutes" value="10" />

In our lab environment, we will change this value to 10 minutes, the default is 1440 and we do not want to wait a full day for the updates

5. Open Explorer and navigate to **C:\Program Files\1E\Tachyon\Coordinator** and open **Tachyon.Server.Coordinator.exe.config** search for **ExperienceCubeProcessingIntervalMinutes** and set the **Value** to **10**
6. Open the **Services** Applet and restart the **1E Tachyon Coordinator** service

Deploy Policies

In order for the clients to report back to Experience, they need to have policies deployed to the environment.

These are the steps you would need to take in your environment if you are not implementing or using Guaranteed State, although we have installed Guaranteed State we have yet to carry out any configuration, so we will carry out these steps

1ETRNW72

7. Still logged into **1ETRNW72** as **1ETRNManager1**
8. Open the *Tachyon Portal* and Launch **Guaranteed State**
9. Navigate to *Administration – Policies*.
10. Click **Deploy**, and click **Yes** to the pop up showing the changes since the last deployment

Confirm that Experience has Populated

1ETRNAP

As part of the installation of Experience a new Cube is created and is used to populate the Experience Data.

11. From Start open **SQL Server Management Studio**, and connect to **Analysis Services**
12. **Expand** Databases and **confirm** TachyonExperience is listed

1ETRNW101

13. **Log on** as User
14. **Open** the Tachyon Portal in Chrome (if not already open)
15. Open **Experience**, either from a tile or via switch app
16. The page should open on **Overview** if it has not navigate there
17. **Confirm** that data is displayed, The data and how to use the screens is covered in the Using Experience training. (You may need to wait 10 mins since the Coordinator Service restart)

If data is not displayed then carry out the Generate Experience Data section below. BUT only if Data is not displayed

Generate Experience Data

The following steps are not required in a production environment, the data will generate and populate Experience automatically, however the data is bundled and reported back once per day just after midnight, that is not practical for us in the Lab Environment so we will force the update to suit us. This should not be done in a Production Environment, as it would cause duplicated data.

1ETRNAP

18. Open *SkyTap Shared Drive* shortcut *on the desktop* and navigate to **1E Tachyon - Course Content\Tachyon v5.2 - Course Content** download **1ETRN_Code_Signing_cert.pfx** files to **c:\temp** Extract the contents of the ZIP file, also download and copy **1ETRN-GeneratePerfData.xml** to **c:\temp**
19. From the *start menu*, type **certificate**, and click on **Manage Computer Certificates**
20. In the *Certificates console*, right-click on **Trusted Publishers**. Select **All Tasks>Import**
21. On the *Welcome*, ensure **Local Machine** is selected by default. Click **Next**
22. On the *File to Import* page, click **Browse**
23. Switch the file type to **All Files (.)**
24. Navigate to **c:\temp** and double-click **1ETRN_Code_Signing_cert.pfx**. Click **Next**
25. On the *Password* page, input **PasswOrd** for the password and click **Next**
26. On the *Certificate Store*, ensure **Trusted Publishers** is populated. Click **Next**
27. On the final page, click **Finish**. Click **OK**
28. In the Certificates console, expand **Trusted Publishers>Certificates** and validate that the code signing cert issued to **SCCM Admin** is present
29. From a *cmd prompt*, run **IISRESET** to bounce IIS
30. Running **IISRESET** will ensure the web service recognizes the certificate we just added to the server
31. In the Tachyon Portal navigate to *Settings – Instructions – Instruction Sets*
32. Click on **Upload** in the upper right
33. In the *Open* dialog box select **C:\Temp\1ETRN-GeneratePerfData.xml** click **Open**
34. Click **Add new set** on the right to create a New Instruction Set
35. In the *Name* field type in **1E-PerformanceGeneration** click **Add**
36. Click on the *Unassigned* instruction set – Select all the instruction that you just imported and click **move** in the far right. Select **1E-PerformanceGeneration** in the move instructions popup.
37. Click **Move**

1ETRNW71

38. You should still be logged in as **1ETRN\Tachyon_Admin1**
39. Launch the *Tachyon Portal* if it is not already open, with *Google Chrome*. If the *Portal* is already opened – click on **Switch app** at the bottom and select **Explorer**
40. Click on **All Instructions**. It will now display the Instruction Sets which we added to Tachyon, and the associated questions and actions.
41. Select **1E-PerformanceGeneration** and choose the **GeneratePerfData** instruction
42. Click the **Ask this question** button
43. Ensure all 7 machines are reporting inventory back
Remember these steps are not required in a production environment, and is only included here to facilitate the course

Configuring Tachyon for Patch Success

This exercise will show you how to configure Tachyon to use Patch Success. We have already configured our connector to use Tachyon Powered Inventory. We have also already imported the Instruction Set 1E Inventory used by Tachyon Powered Inventory and created the Tachyon Role required and assigned it to the All Devices Management Group.

If we used stand-alone WSUS for Security Updates in our environment we would configure a WSUS connector instead of a Config Man Connector. In order to be used for Patch Success WSUS has to be configured to use SQL (instead of the Windows Internal Database). We also require either patch approvals for WSUS or Deployments for SCCM. This information will be what Patch Success evaluates to determine if a device is fully patched.

Create A Custom Role for Patch Success

We need to create a Patch Success user and role and assign to our All Devices Management Group. We also need to assign permissions to our Patch Success Instruction Set which we imported earlier.

1ETRNW102

44. Navigate to *Settings – Permissions – Roles*. Click on **Add**
45. In the *Add Role* dialog box *Name* field type in **1E Patch Success**
46. Click **Add**. You will then see the Role in the listing of Roles
47. Click on **1E Patch Success**
48. In the *Role: 1E Patch Success* page *Permissions* tab click on **Add** in the far right
49. In the *Add Permissions* dialog box *Type* field select **Instruction Set**. In the *Name* field choose **Patch Success** from the drop-down listing. Check the boxes for **Actioner**, **Approver**, and **Questioner**. Click **Add**
If you do not want to trigger a deployment of the patches via Patch Success, then do not add the Actioner and Approver permissions to the role. This will prevent the Deploy button from being enabled in the Patch Success Application.
50. Click **Add** again and select **Repository:Patch** in the *type* field. Select the box next to **Read**. Click **Add**
51. Click the *Management Group* tab. Click **Add** in the far right. Select **All Devices**. Click **Add**
52. Click the *Members* tab. Click **Add** in the far right. Start typing in **Manager** and select **Manager1** from the list. Click **Add**
53. Navigate to *Users* and select **Manager1** to see that the 1E Patch Success role has been added to that user
54. Also add the following roles to our **Manager1** account to use for Patch Success
 - Connector Administrators
 - Inventory Administrators
 - Log Viewers
 - Permissions Administrators
55. Add the **1E Patch Success** role to the **Tachyon Connector** account
If the Patch Success role is not added to our Tachyon Connector account the cube data will not populate the Patch Success Overview page with the Device information. To check this after doing an ETL Sync. Look at the SLA-BI DB EventLog Table on the Tachyon server for the Patch Device Table message (you should see another number than 0 devices).

Tachyon License File Details

To use Patch Success your Tachyon License file must have the Inventory and Patch Success consumers enabled. The license file must also include the pattern for 1E-Inventory* and 1E-PatchSuccess* as these are the names of the instructions that will use for Patch Success. We will look at our lab license file in this task to make sure we are set up correctly.

1ETRNW102

56. In the *Settings application* navigate to *Configuration – License Information*
57. Within **Customer Licence** expand **Products** – expand **Features** and expand **Item 7** and notice that we have **PatchSuccess**
58. Expand **Consumers** expand **Item 1** and notice that we are also licensed for the **PatchSuccess** consumer

Lab Summary

In this lab, we learned how to configure and populate the Experience and Patch Success applications, how to use these applications is covered in the Using - Using Experience and Using - Using Patch Success courses

Next Page

[Ex 8 - Tachyon v5.2 - Install and Configure - Post installation optional configuration](#)