

Creating an In-place Upgrade WSA Deployment Application

Who can do this?

Shopping administrators with the privileges to create WSA applications in Shopping.

What is it for?

To enable users to self-service their OS deployments using the Windows Servicing Assistant.

Before you start

You must create the deployment task sequence in Configuration Manager – you'll need this for the General Details screen.

Preparation

Before creating an In-place Upgrade Windows Servicing Assistant Deployment Application in Shopping, ensure you have completed the following in Configuration Manager

1. Create an In-place Upgrade Task Sequence following the guidelines referenced in [Creating an In-place Upgrade task sequence](#).
2. Create an empty Collection that will be targeted with a deployment of the In-place Upgrade WSA Task Sequence.
3. Deploy the WSA In-place Upgrade Task Sequence created in step 1 to the empty Collection created in step 2. The deployment should be configured as **Available** (not Required), and scheduled to become available **10 years in the future** as indicated below. This prevents the deployment from appearing in Software Center until the available date, thereby preventing the user from executing the task sequence outside of the Windows Servicing Assistant.

On this page:

- [Preparation](#)
- [Creating the In-place Upgrade WSA Deployment Application](#)
- [Configuring the In-place Upgrade WSA Deployment](#)
- [Masterclass video](#)

Deploy Software Wizard

Deployment Settings

General

Deployment Settings

Scheduling

User Experience

Alerts

Distribution Points

Summary

Progress

Completion

Specify settings to control how this software is deployed

Action: Install

Purpose: Available

Require administrator approval if users request this application

Specify whether to make this task sequence available to Configuration Manager clients, and whether it is available to run when you deploy an operating system by using boot media, prestaged media, or PXE.

Make available to the following:

Only Configuration Manager Clients

< Previous Next > Summary Cancel

Deploy Software Wizard

Scheduling

General
Deployment Settings
Scheduling
User Experience
Alerts
Distribution Points
Summary
Progress
Completion

Specify the schedule for this deployment

This program will be available as soon as it has been distributed to the content servers unless it is scheduled for a later time below. For required applications, specify the assignment schedule.

Schedule when this deployment will become available:
12/29/2027 3:13 PM UTC

Schedule when this deployment will expire:
12/29/2017 3:13 PM UTC

Assignment schedule: New... Edit... Delete

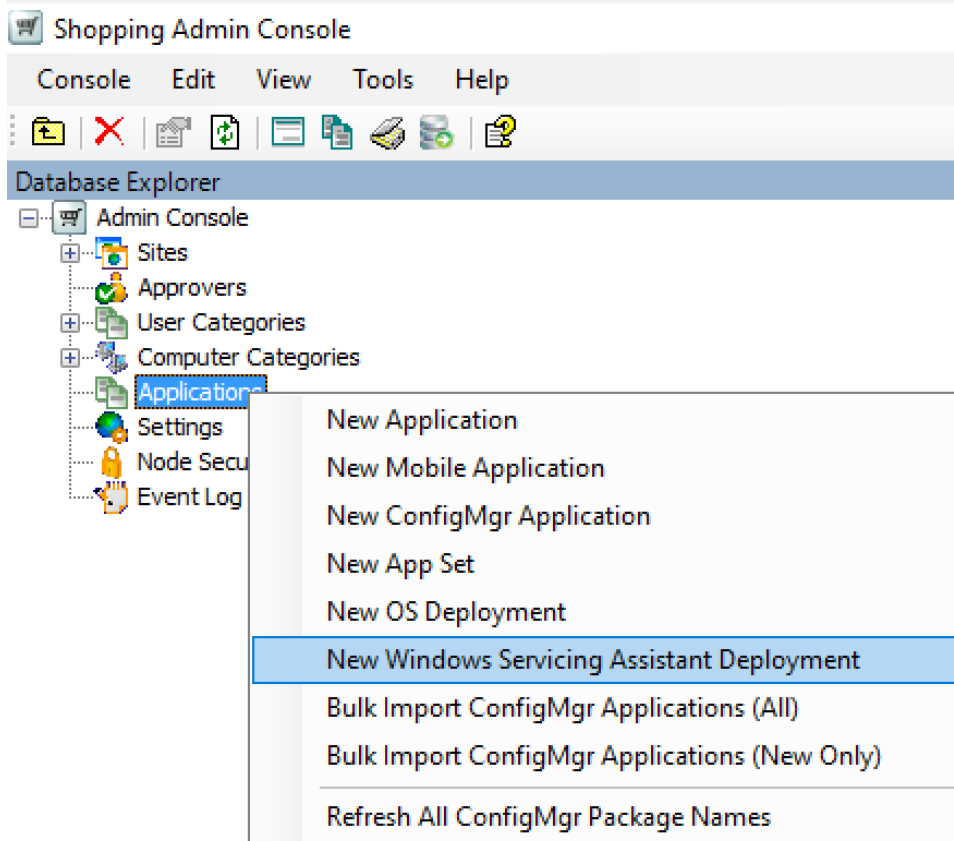
There are no items to show in this view.

Rerun behavior: Always rerun program

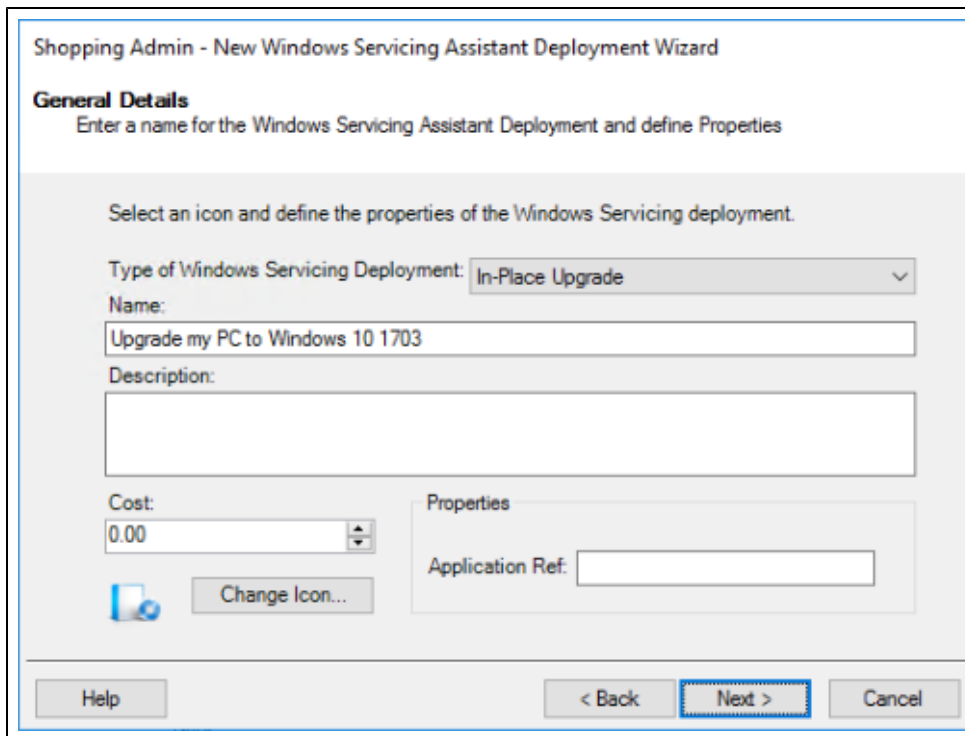
< Previous **Next >** Summary Cancel

Creating the In-place Upgrade WSA Deployment Application

1. In the **Shopping Admin Console**, right-click the **Applications** node and from its context menu, choose **New Windows Servicing Assistant Deployment**.



2. On the **Welcome** screen, click **Next**
3. On the **General Details** screen:

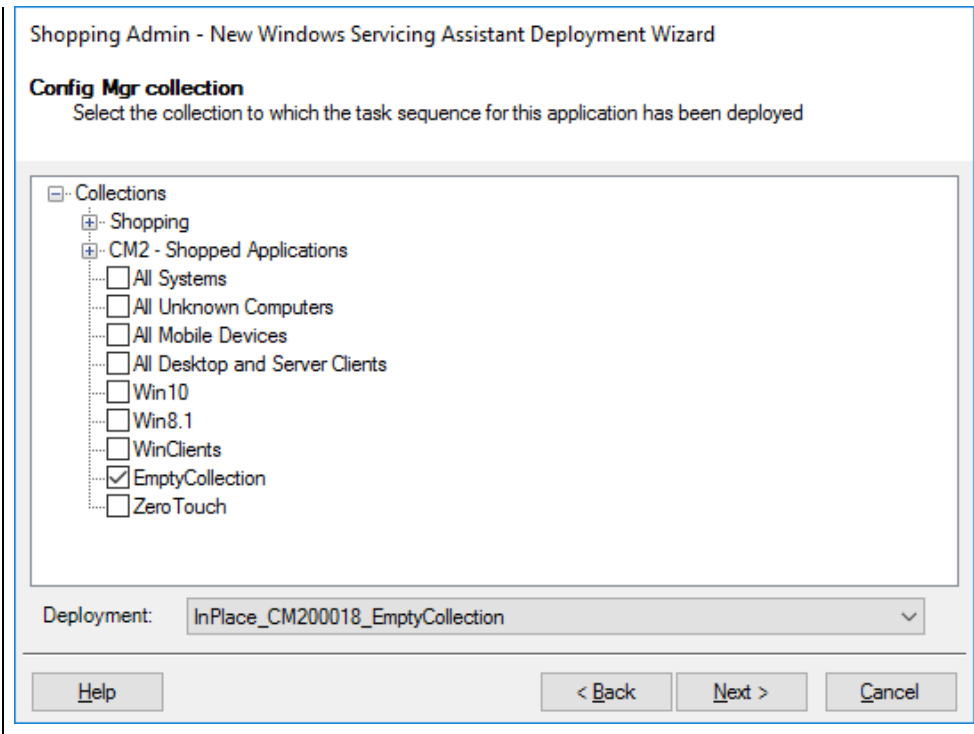


- a. Select **In-place Upgrade** from the Type of Windows Servicing Deployment drop-down.
- b. In the Name field, enter the name of this application as you want it to appear to the end-user in the wizard.
- c. Optionally enter a brief description in the Description field (the description, cost and icon are never displayed to the end-user for WSA Deployment Applications).
- d. Click **Next**.

4. On the **Config Mgr collection** screen:

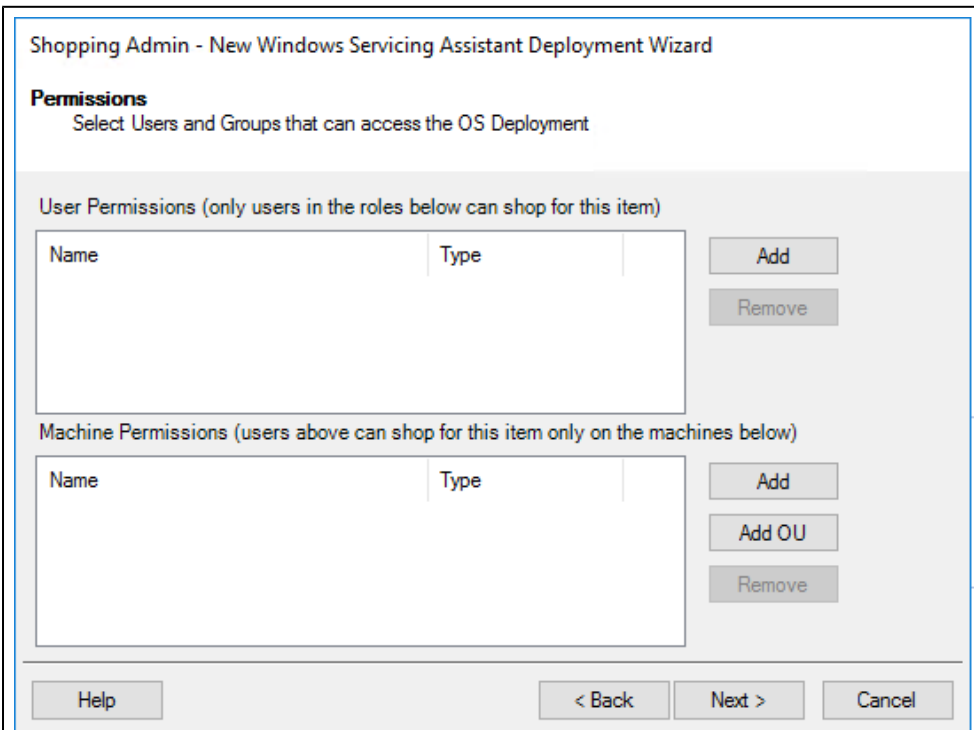


- a. Select the Collection that the In-place Upgrade Task



- Sequence was deployed to (see [Preparation](#) above).
- b. From the Deployment drop-down list, select the deployment that was created to deploy the In-place Upgrade Task Sequence to the Collection selected previously.
 - c. Click **Next**.

5. On the **Permissions** screen:

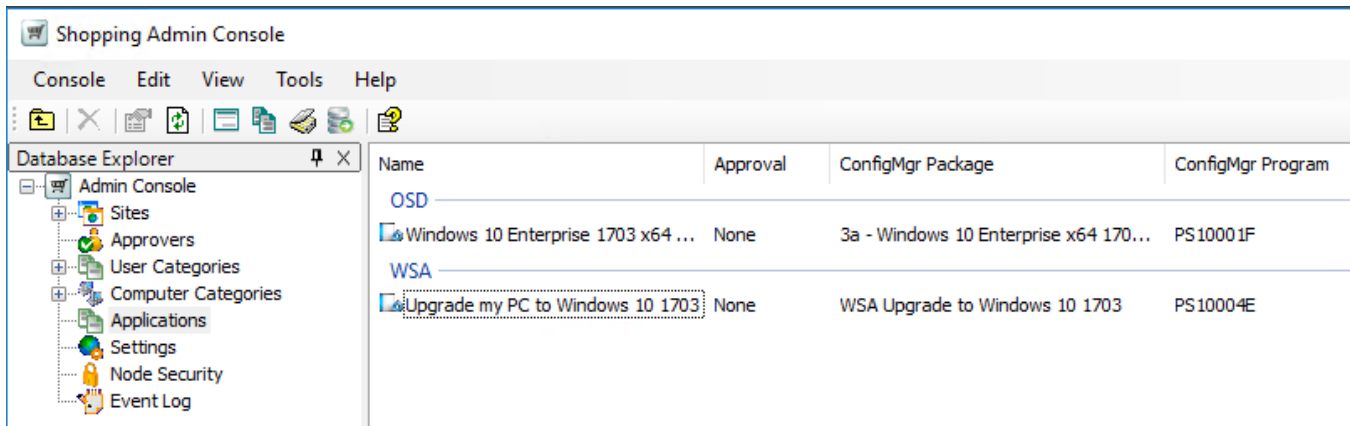


- a. To set permissions on this deployment:
 - If you want this In-place Upgrade Deployment to be available to everyone, go to step b (i.e. do not restrict the deployment to any users or computers)
 - If you want to restrict this In-place Upgrade Deployment to specific users, click Add to the right of the User Permissions list and add the user or group that you want to restrict access to. Repeat to add multiple users or groups.
 - If you want to restrict this In-place Upgrade Deployment to specific computers, click Add to the right of the Machine Permissions list and add the computer or group that you want to restrict access to. Alternatively, click Add OU to add the OU that contains the computers that

you want to restrict access to. Repeat to add multiple computers, groups or OUs.
b. Click **Next**.

6. On the **Completing the Windows Servicing Assistant Deployment Wizard** screen, click **Finish**.

Configuring the In-place Upgrade WSA Deployment



In the Shopping Admin Console, select the Applications node and double-click the In-place Upgrade WSA application you just created (it will be listed under WSA as illustrated – use the search feature if necessary) to open the Properties dialog box.

We are going to walk you through the each of the tabs in the Properties dialog for the In-place Upgrade WSA Deployment and show you what the respective settings do and how they impact the behavior of the deployment in terms of the user experience. There is [a masterclass in how to create this deployment](#) at the end of this section.

The General tab

The **General tab** is populated with the settings defined when the application was created. It controls what is displayed in the **Start** screen. You can change the name of the deployment (changing the description, cost and icon has no effect as these are never displayed to the end-user). However, **Type** cannot be changed.

For example, if you change the name of the deployment from Upgrade my PC to Windows 10 1703 to Upgrade to Windows 1703, users see this when in the Start screen:
Your browser does not support the HTML5 video element


Upgrade my PC to Windows 10 1703 - Windows Servicing Assistant Deploy... X

| Storage | Readiness Checks | Connection | Location |
|---------|----------------------|-------------|--------------|
| General | ConfigMgr Collection | Permissions | Applications |

Type: In-Place Upgrade

Name: Upgrade my PC to Windows 10 1703

Description:

Icon:  Change Icon...

Cost: 0.00

Application Ref:

OK

Cancel

Apply

The ConfigMgr Collection tab

The **ConfigMgr Collection** tab is populated with the selections made when the application was created.

These can be modified if necessary, but not recommended unless it is to correct an error. If you do modify these, ensure you select a deployment of an In-place Upgrade Task Sequence.

Upgrade my PC to Windows 10 1703 - Windows Servicing Assistant Deploy... X

| | | | |
|---------|----------------------|-------------|--------------|
| Storage | Readiness Checks | Connection | Location |
| General | ConfigMgr Collection | Permissions | Applications |

- All Desktop and Server Clients
- Finance devices
- 1E PXE Everywhere 3.2.0.56 - Required
- 1E NightWatchman Agent 7.2.500.721 - Required
- 1E Web WakeUp ActiveX 7.2.500.34 - Required
- 1E Client 4.1.0.267 - Required
- Workstations
- Windows 10 for Shopping

Deployment:

OK Cancel Apply

The Permissions tab

The **Permissions tab** is populated with the selections made when the application was created. You can modify the permissions from this tab to restrict access to specific users and/or computers.

| | | | |
|---------|----------------------|-------------|--------------|
| Storage | Readiness Checks | Connection | Location |
| General | ConfigMgr Collection | Permissions | Applications |

User Permissions (only users in the roles below can shop for this item)

| Name | Type |
|------|------|
|------|------|

Add
Remove

Machine Permissions (users above can shop for this item only on the machines below)

| Name | Type |
|------|------|
|------|------|

Add
Add OU
Remove

OK Cancel Apply

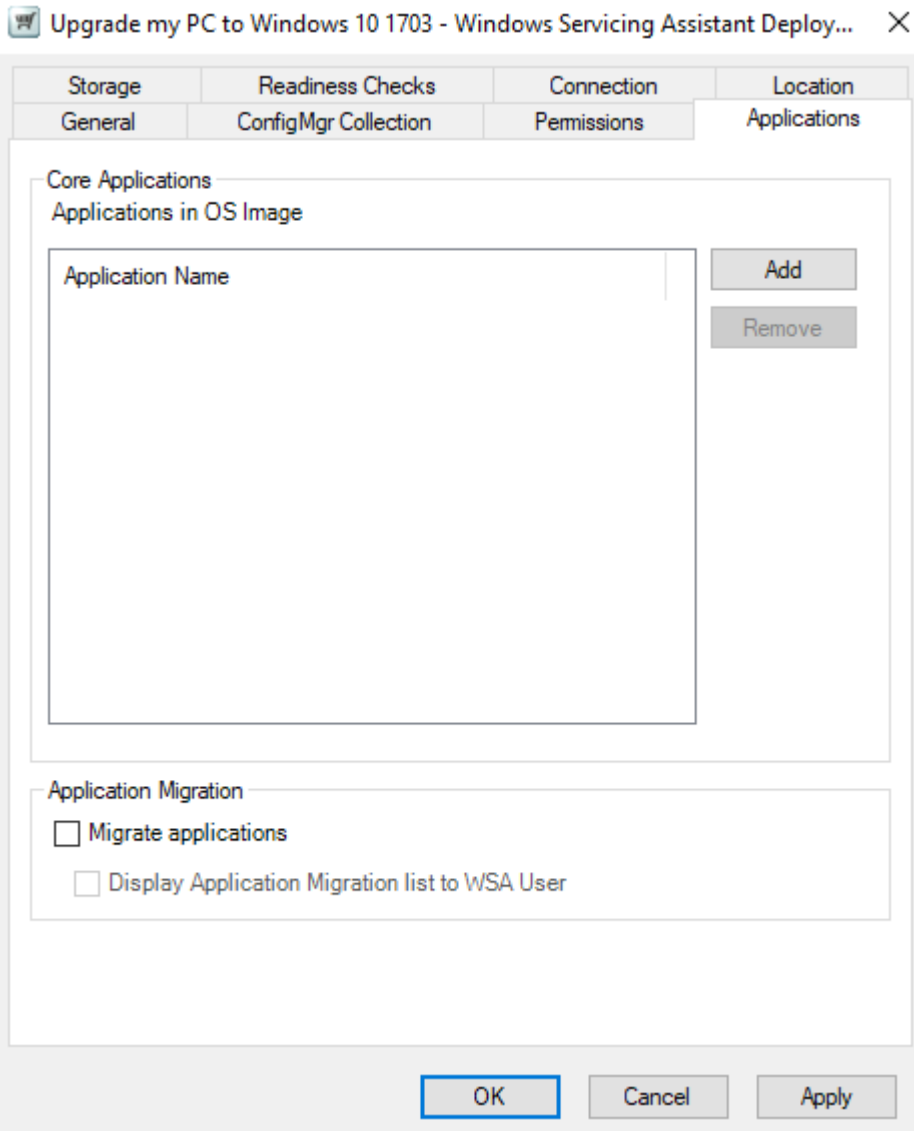
The Applications tab

The **Applications tab** controls what users see on the **Applications** screen.

Your browser does not support the HTML5 video element

Only displayed:

- if the **Display Application Migration list to WSA User** option is selected
- if you do not select the **Display Application Migration list to WSA User** option, any [application exceptions](#) that are encountered are displayed when you click Next on the Location screen when you run the deployment



- If the In-place Upgrade Task Sequence includes steps to install additional applications, you can let the user know which applications will be installed automatically by adding them to the Applications in OS Image list.

Core Applications - Applications in OS Image is simply a list of free text strings entered by the administrator. The user is shown the list as it appears in this dialog. This is usually not relevant in an In-place Upgrade scenario.

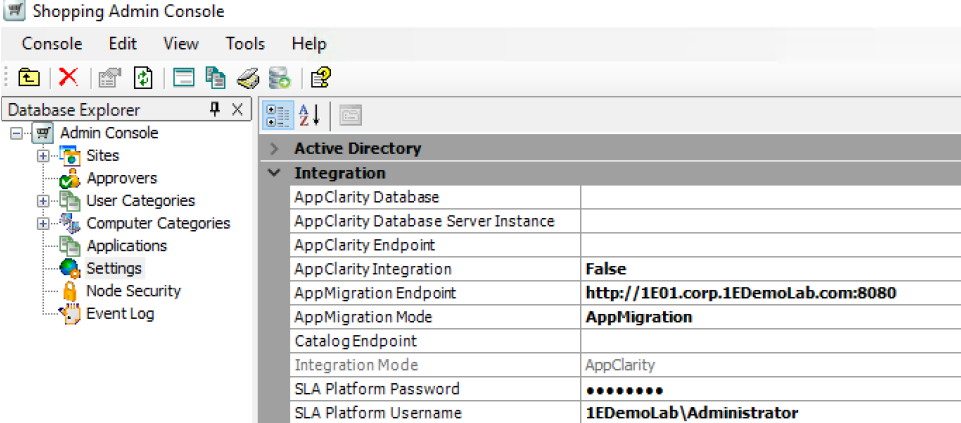
- If the In-place Upgrade Task Sequence includes the 1E Application Migration steps to upgrade or replace applications during the OS upgrade and you want Application Migration to run for this In-place Upgrade deployment:
 1. Check the Migrate Applications check box.
 2. Optionally, check the Display Application Migration list to WSA User option. When selected, the user will see the applications to be upgraded or replaced on the Applications screen of the Windows Servicing Assistant

If Migrate Applications is unchecked, when the task sequence runs the WSA Initialize step will set the `1EWSA_AppMigrationEnabled` task sequence variable to False. This variable should therefore be used in a condition on the Migrate Applications group in the task sequence so the group does not execute if `1EWSA_AppMigrationEnabled=False`. If this condition is not applied to the Migrate Applications group in the task sequence, Application Migration steps will be executed even though the Migrate applications option was unchecked in the WSA Deployment properties.

Applications exceptions and how to fix them

These must be resolved before the deployment can continue:

- We've found something that prevents us from continuing at this time. Please retry later, or contact your administrator if the issue continues to occur.

| Error code | Likely causes | Remedial action | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|--|------------------|--|-------------|--|---------------------|--|-------------------------------------|--|---------------------|--|------------------------|-------|-----------------------|-------------------------------------|-------------------|--------------|------------------|--|------------------|------------|-----------------------|----------|-----------------------|-------------------------|
| 0x00001001 | Communication error – failure to send a size estimation message to the Tachyon service. | Ensure the Tachyon service is up and running. | | | | | | | | | | | | | | | | | | | | | | | | |
| 0x00001002 | Timeout duration exceeded – the Tachyon service was not able to send a size estimation message for over the 1 minute timeout duration. | | | | | | | | | | | | | | | | | | | | | | | | | |
| -1 | Task is cancelled. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0x0100 | Unable to retrieve task sequence references from the Shopping API. | <ol style="list-style-type: none"> Ensure that the Shopping Web is up and running. In Configuration Manager, ensure that the Shopping AppPool user is granted the Read-only Analyst role. | | | | | | | | | | | | | | | | | | | | | | | | |
| 0x0101 | <ol style="list-style-type: none"> Source machine does not exist in the SLA platform. Missing or invalid SLA platform credentials under Settings | <ol style="list-style-type: none"> Ensure that the source machine exists in the SLA platform. If it does not, run a synchronization to refresh the data. Ensure that the SLA platform credentials are correct under Settings in the Shopping Admin Console.  <p>The screenshot shows the Shopping Admin Console interface. The 'Settings' page is open, and the 'Integration' section is expanded. The following table represents the configuration values shown in the screenshot:</p> <table border="1"> <thead> <tr> <th colspan="2">Active Directory</th> </tr> <tr> <th colspan="2">Integration</th> </tr> </thead> <tbody> <tr> <td>AppClarity Database</td> <td></td> </tr> <tr> <td>AppClarity Database Server Instance</td> <td></td> </tr> <tr> <td>AppClarity Endpoint</td> <td></td> </tr> <tr> <td>AppClarity Integration</td> <td>False</td> </tr> <tr> <td>AppMigration Endpoint</td> <td>http://1E01.corp.1EDemoLab.com:8080</td> </tr> <tr> <td>AppMigration Mode</td> <td>AppMigration</td> </tr> <tr> <td>Catalog Endpoint</td> <td></td> </tr> <tr> <td>Integration Mode</td> <td>AppClarity</td> </tr> <tr> <td>SLA Platform Password</td> <td>••••••••</td> </tr> <tr> <td>SLA Platform Username</td> <td>1EDemoLab\Administrator</td> </tr> </tbody> </table> | Active Directory | | Integration | | AppClarity Database | | AppClarity Database Server Instance | | AppClarity Endpoint | | AppClarity Integration | False | AppMigration Endpoint | http://1E01.corp.1EDemoLab.com:8080 | AppMigration Mode | AppMigration | Catalog Endpoint | | Integration Mode | AppClarity | SLA Platform Password | •••••••• | SLA Platform Username | 1EDemoLab\Administrator |
| Active Directory | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Integration | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AppClarity Database | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AppClarity Database Server Instance | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AppClarity Endpoint | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AppClarity Integration | False | | | | | | | | | | | | | | | | | | | | | | | | | |
| AppMigration Endpoint | http://1E01.corp.1EDemoLab.com:8080 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AppMigration Mode | AppMigration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Catalog Endpoint | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Integration Mode | AppClarity | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLA Platform Password | •••••••• | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLA Platform Username | 1EDemoLab\Administrator | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|--------|---|---|
| | in the Shopping Admin Console. | |
| 0x0103 | Unable to get the task sequence XML as: <ol style="list-style-type: none"> The Shopping server is unavailable. The Shopping App Pool user has not been granted the Read-only Analyst role in Configuration Manager. | <ol style="list-style-type: none"> Ensure that the Shopping Web is up and running. In Configuration Manager, ensure that the Shopping AppPool user is granted the Read-only Analyst role. |
| 0x0204 | Missing details in the WSA order. | Contact 1E Support for assistance. |
| 0x0300 | Unable to fetch Nomad cache size details. | Ensure that the Nomad service is running and get the user to retry. |
| 0x0301 | Unable to get content location. | Ensure that Nomad service is running and the client machine is present in the required boundary groups and get the user to retry. |
| 0x0302 | Unable to find PBA host. | Ensure that the PBA hosts are responsive by running a ping, check the PBA configuration and get the user to retry. |
| 0x0409 | Unable to identify an applicable | If the option Download only applicable OS Upgrade packages is checked on the Storage tab, ensure that one of the supported OS versions and architecture of the OS being upgraded. |

| | | |
|--------|--|--|
| | e OS Upgrade package | |
| 0x0602 | ScanState.exe unable to estimate user state data size. | Ensure that the Tachyon service is up and running. If it is running, check scanstate.log (its location is found in T |
| 0x0603 | Unable to locate a compatible version of Nomad. | Ensure that you have Nomad 6.3.200 or later installed. |

The Storage tab

The Storage tab

Upgrade my PC to Windows 10 1703 - Windows Servicing Assistant Deploy... X

General
ConfigMgr Collection
Permissions
Applications

Storage
Readiness Checks
Connection
Location

Office based user

Download content if not available in local network

Download content if not available in local cache

Use USB media if insufficient disk space

Clean USB when finished

Remote user

Content will always be downloaded if not in local cache

Use USB media if insufficient disk space

Clean USB when finished

Download only applicable driver packages

Fail readiness check if no applicable driver package is found

Download only applicable OS upgrade packages

Minimum disk space required for InPlace Upgrade GB

Do not repeat hash check within minutes

OK
Cancel
Apply

The **Storage tab** controls what options a or remote (connected via VPN with no loc

1E Windows Servicing Assistant - Upgrade to Windows 1703


✓
✓
✓

Start Location Applicat

We'll need some more s

We need to use USB media as there is insufficient

The USB Memory stick will need at least 10



[Refresh](#)

Cancel

Only displayed:

- if the use of USB media is not prohib
- if there is insufficient disk space to s
- if the **Use USB media if insufficien**

For Office based users:

- Check the **Download content if not available in local network** option (default) to ensure the WSA downloads any reference content for the task sequence (Application Migration) that is not available in its own Nomad cache or from any peers on the local network
 - Check the **Download content if not available in local cache** option to ensure the WSA downloads all reference content for the task sequence to complete the readiness stage of the wizard but will speed up the actual deployment once the task sequence is executed.

For In-place Upgrade deployments, this option must be selected if your In-place Upgrade task sequence includes one or more reboots into the Connection tab.

- Check the **Use USB media if insufficient disk space** option (default) if you want to enable users to use USB media to store content to be downloaded. If drives are prohibited in your environment you will need to uncheck this option – the WSA wizard will prevent the user from executing the task sequence content.

USB media must be NTFS format

USB media must be formatted to the NTFS file system to be able to store content. When prompted to insert/select USB media, the user will be prompted to format the media.

- Check the **Clean USB when finished** option (only enabled if **Use USB media if insufficient disk space** is checked) to have the WSA format the USB media when the task sequence has finished

For Remote users:

Content will always be downloaded to the local Nomad cache as the assumption is there will be no local peers:

- Check the **Use USB media if insufficient disk space** option (default) if you want to enable users to use USB media to store content to be downloaded. If drives are prohibited in your environment you will need to uncheck this option – the WSA wizard will prevent the user from executing the task sequence content

USB media must be NTFS format

USB media must be formatted to the NTFS file system to be able to store content. When prompted to insert/select USB media, the user will be prompted to format the media.


- Check the **Clean USB when finished** option (only enabled if **Use USB media if insufficient disk space** is checked) to have the WSA format the USB media when the task sequence has finished

Driver Packages:

- Check the **Download only applicable driver packages** if the task sequence includes any Install Driver Package or Download Driver Package steps. By default, the WSA will download all driver packages referenced in the task sequence. With **Download only applicable driver packages** enabled, only drivers that meet the condition defined on the Install Driver Package or Download Driver Package steps. If unchecked, the WSA will download all referenced driver packages and disk space.

WSA is only able to evaluate single WMI conditions in the Install Driver Package steps. If multiple conditions are defined, only the first will be evaluated.

- Check the **Fail readiness check if no applicable driver package is found option** to fail the readiness checks if the Task Sequence does not find any applicable driver packages.

 Typically, virtual machines will not have any applicable drivers, so ensure the **Fail readiness check if no applicable driver package is found** option is checked for virtual machines.

OS Upgrade Packages:

- Check the **Download only applicable OS upgrade packages** if the task sequence includes multiple Upgrade Operating System steps and you want to limit the WSA to download only applicable OS upgrade packages. By default, the WSA will download all operating system (OS) packages referenced in the task sequence. With **Download only applicable OS upgrade packages** enabled, the WSA will download OS upgrade packages that match the locale and architecture of the current OS. If unchecked, the WSA will download all referenced OS upgrade packages and disk space.

If this option is selected and the task sequence does not include an Upgrade Operating System step that references an upgrade package that matches the locale and architecture of the current OS, the applicable Upgrade Operating System step cannot be determined, the upgrade will not be attempted and error 0x0409 will be returned.

The **Minimum disk space required for In-place Upgrade** value defines the amount of disk space that the WSA will allocate, in addition to space reserved for the OS. The default value is set to the Microsoft recommended minimum (20GB).

Hash checking:

WSA will perform a content hash check on all downloaded content as part of the readiness checks. As the readiness checks may be run a second time, the hash checks being repeated within the time period defined in the **Do not repeat hash check within** option. The value is defined in minutes between hash checks always being performed.

The Readiness Checks tab

The screenshot shows the 'Readiness Checks' tab in the Windows Servicing Assistant. The dialog box title is 'Upgrade my PC to Windows 10 1703 - Windows Servicing Assistant Deploy...'. The 'Readiness Checks' tab is selected, showing a list of checkboxes for various conditions. Below the dialog box, a progress indicator shows four steps: 'Start', 'Location', 'Applications', and 'Use'. The 'Start' step is completed, and the 'Location' step is currently active, with a progress bar below it. The 'Applications' and 'Use' steps are also marked as completed.

Upgrade my PC to Windows 10 1703 - Windows Servicing Assistant Deploy... X

General ConfigMgr Collection Permissions Applications
Storage Readiness Checks Connection Location

A final set of readiness checks can be performed just before the TS is launched. For those checks enabled, failure will result in the TS launch being aborted and the user being notified via the WSA taskbar. Users will be given the opportunity to fix any issue and retry the TS launch

- Do not start the task sequence if this device is storing data captured from another device
- Do not start the task sequence if this device is currently serving a boot image to another device
- Do not start the task sequence if this device is currently running on battery
- Run an upgrade compatibility check and do not start the task sequence if the compatibility check reports any errors
 - Ignore any dismissible compatibility messages
- Allow upgrade even if the current version is the same or newer

OK Cancel Apply

The Readiness Checks tab controls when the task sequence starts. The Readiness Checks tab controls when the task sequence starts.

1E Windows Servicing Assistant - Reinstall Windows on My PC

Start Location Applications Use

Getting things ready

This may take some time

I'm done. Go ahead and Reinstall Windows

I want to continue working. Let me know when I can continue

Cancel

- Check **Do not start the task sequence if this device is currently storing data captured from another device** if you want the WSA to prevent the task sequence from starting if the local machine is currently storing user data from one or more peers.
- Check **Do not start the task sequence if this device is currently serving a boot image to another device** if you want the WSA to prevent the task sequence from starting if the local machine is currently serving a boot image to a peer.
- Check **Do not start the task sequence if this device is currently running on battery** if you want the WSA to prevent the task sequence from starting if the local machine is currently running on battery.
- Check **Run an upgrade compatibility check and do not start the task sequence if the compatibility check reports any errors** if you want the WSA to prevent the task sequence from starting if compatibility issues are identified. By default, when this option is selected, **Ignore any dismissible compatibility messages** is also selected. This setting should correspond to the same setting defined in the Upgrade Operating System step in the task sequence. If this setting is not selected, the task sequence will only report any warnings but not errors.
- Check **Allow upgrade even if the current version is the same or newer** if you want the upgrade task sequence to execute when the current version of the operating system is the same as or newer than the applicable upgrade package in the task sequence.

The Connection tab

The screenshot shows the 'Connection' tab in the Windows Servicing Assistant, which is currently empty.

General ConfigMgr Collection Permissions Applications
 Storage Readiness Checks **Connection** Location

In order for the deployment task sequence to complete, it may require that local WiFi details and VPN connection credentials are provided. WSA can be configured to gather connection information from the user for later use in the task sequence

Require user enter VPN credentials

Allow deployments over WiFi

Require user enter SSID and password

OK Cancel Apply

The **Connection** tab controls whether users need to provide their VPN or wireless

1E Windows Servicing Assistant - Upgrade to Windows 1703

Start Location Applications

We'll need help connecting

In order for the migration to complete, it will need to reconnect your WiFi, so please enter these details

VPN Credentials

Username
joe

Password
••••••••

Cancel

- Only displayed:
- if Location is I am out of the office:
 - and if Require user enter VPN credentials
 - or if over Wifi and if Require user enter SSID and password

- Check **Require user enter VPN credentials** if the task sequence includes a step to establish a VPN connection that requires user credentials.

If this option is enabled and if the user selects remote location (i.e. not in the office) they will be required to enter their VPN credentials in the WSA Initialize step, these credentials are stored in the `1EWSA_VpnUserName` and `1EWSA_VpnPassword` Task Sequence variables.

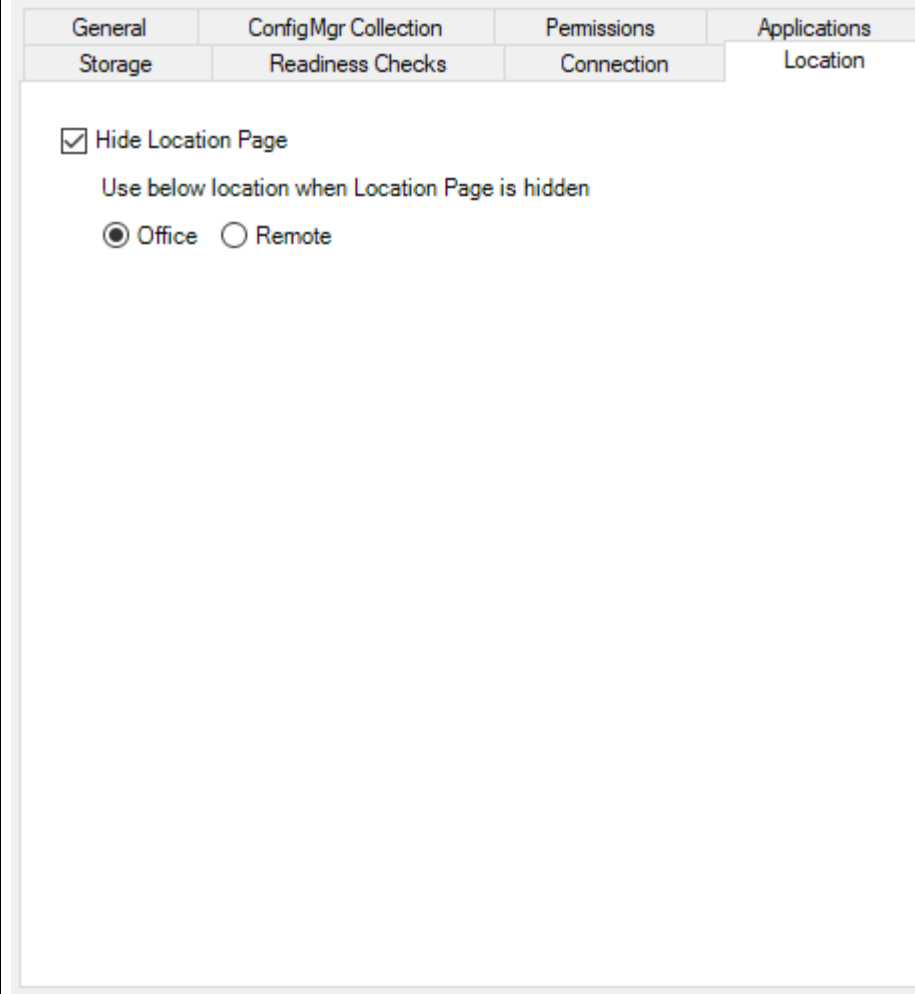
- Check **Allow deployments over WiFi** if you want users to be able to execute the deployment on a wireless connection.

If you enable In-place Upgrade deployments over WiFi and your In-place Upgrade task sequence includes one or more reboots into Windows PE in **local cache** on the Storage tab.

- The **Require user enter SSID and password** option is only enabled if Allow deployments over WiFi is checked. Check this option if the task sequence requires the SSID and password to be entered.

If this option is enabled, when the WSA runs it will prompt the user to select a WiFi SSID (from those currently available) and enter the password. In the WSA Initialize step, these credentials are stored in the `1EWSA_WifiSsid` and `1EWSA_WifiPassword` Task Sequence variables.

The Location tab



Upgrade my PC to Windows 10 1703 - Windows Servicing Assistant Deploy...

General | ConfigMgr Collection | Permissions | Applications
Storage | Readiness Checks | Connection | **Location**

Hide Location Page


Use below location when Location Page is hidden

Office Remote

OK | Cancel | Apply

The **Location tab** controls is displayed for you to choose to hide the Location page you must choose to hide the Location page you must

1E Windows Servicing Assistant - Upgrade to Windows 1703



Where are you?

I am in

Telling us your location type will allow us to determine the shortest possible time. A remote location will take longer than an office location.

Cancel

Why can't I see the Location page?

You will not see this screen if:

- You asked for data to be moved from the old PC and Apps to a New PC option on the Upgrade my PC screen.
- The Location page has been set to Hidden or Remote.

Other operational errors

Exceptions on Completion screen and how to fix them

| Error code | Likely causes | Remedial action |
|------------|------------------------------------|--|
| 0xA0070700 | The task sequence failed to start. | This is not likely to happen unless the Windows Management Instrumentation (WMI) is corrupted. If this happens, get the user to rerun the deployment. Error is displayed on the Completion screen as follows: <ul style="list-style-type: none"> Something went wrong with the deployment. Please contact your local administrator. |
| 0xA0070701 | SCCM execution history is missing. | Check the status messages in Configuration Manager for the task sequence deployment as well as the ExitCode in the WSA execution history for the Task Sequence package id (HKEY_LOCAL_MACHINE\SOFTWARE\1E\WSA\TSExecutionHistory\TSPkgID) Error is displayed on the Completion screen as follows: |

| | | |
|------------|---|---|
| | | <ul style="list-style-type: none"> Something went wrong with the deployment. Please contact your local administrator. |
| 0xA0070702 | WSA execution history is missing – most likely cause is that the task sequence failed in WinPE. | <p>Check the status messages in Configuration Manager.</p> <p>Error displayed on the Completion screen as follows:</p> <ul style="list-style-type: none"> Something went wrong with the deployment. Please contact your local administrator. |
| 0xA0070703 | Unable to establish a WIFI connection. | <p>Get the user to run the deployment again with the emphasis on providing their correct connection credentials – on the Connection screen, click Reveal to check the accuracy of the password they entered.</p> <p>Error displayed on the Completion screen:</p> <p>There was a problem connecting to the WiFi network. Please rerun the Assistant and ensure that the WiFi connection details are entered correctly</p> |
| 0xA0070704 | Unable to establish a VPN connection. | <p>Get the user to run the deployment again with the emphasis on providing their correct connection credentials – on the Connection screen, click Reveal to check the accuracy of the password they entered.</p> <p>Error displayed on the Completion screen:</p> <p>There was a problem connecting to the VPN. Please rerun the Assistant and ensure that the VPN connection details are entered correctly</p> |
| 0xA0070705 | WSA execution history is invalid. | <p>Contact 1E Support for assistance.</p> <p>Error displayed on the Completion screen as follows:</p> <ul style="list-style-type: none"> Something went wrong with the deployment. Please contact your local administrator. |

Masterclass video

A masterclass in creating an In-place Upgrade WSA Deployment Application