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App Orchestration 2.0

How to enable Windows 7 look and feel for XenApp Desktops in an App Orchestration environment

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Contents

Overview

Providing user access to desktops with Windows 7 look and feel from within a XenApp environment has many advantages for the user community. This feature is still available in XenApp 6.5 in an App Orchestration environment.

This document describes how to use this feature by configuring:

- Windows policy settings
- Citrix policy settings

Requirements

To implement these features, you need:

- Microsoft Windows Server 2008 R2
- XenApp 6.5 farm
- Domain administration rights
- App Orchestration 2.0

Note:

The instructions in this document are applicable to Session Machines running XenApp 6.5 only. Enabling the Windows 7 look and feel on machines running XenDesktop 7.1 is not supported.

If you use these instructions with Single User Session Machines running XenDesktop 7.1 on a Server operating system, hosted desktops might not display the Windows 7 look and feel. This issue occurs because the Session Machines that App Orchestration deploys ignore the Citrix policy settings mentioned in this document.

Configure Microsoft Windows policy settings

Configure Microsoft Windows settings as follows.

1. Log on to the XenApp controller with administrative rights.

2. Select Start > Administrative Tools > Server Manager > Features.

3. Review the feature list and if it is not installed, select **Add Features> Group Policy Management Services**, and then click **Install**.
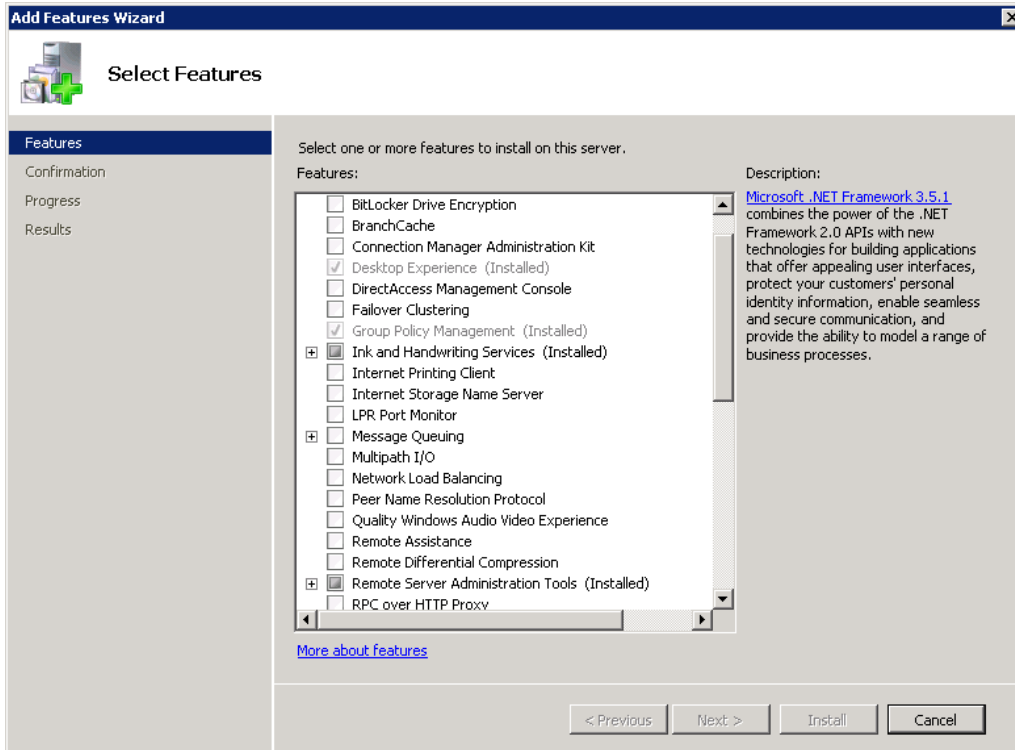
4. In a command window browse to C:\Program Files (x86)\Citrix\App Delivery Setup Tools and run the PowerShell command ".\New-CtxManagedDesktopGPO.ps1" shown in the following example that enables the appropriate Group Policy templates:

```
PS C:\Program Files (x86)\Citrix\App Delivery Setup Tools> .\New-CtxManagedDesktopGPO.ps1
Creating the Group Policy objects for the Enhanced Desktop Experience feature.
Validating install and GPO backup paths provided.
Changing working directory C:\Program Files (x86)\Citrix\App Delivery Setup Tools\.
Testing if GPOs (CtxPersonalizableUser, CtxRestrictedUser, CtxRestrictedComputer, and CtxStartMenuTaskbarUser.) can be c
reated.
Importing GPO   to CtxStartMenuTaskbarUser
Created New GPO CtxStartMenuTaskbarUser.
Created New GPO CtxRestrictedUser.
Created New GPO CtxRestrictedComputer.
Created New GPO CtxPersonalizableUser.
```

5. A successful result is similar to the following:

```
The Group Policy objects, which manage a user's desktop configuration, have been successfully created.
The following GPOs will need to be linked to the appropriate OUs:
CtxPersonalizableUser, CtxRestrictedUser, CtxRestrictedComputer, and CtxStartMenuTaskbarUser
PS C:\Program Files (x86)\Citrix\App Delivery Setup Tools> _
```

6.

Configure Citrix policy settings

When you configured Microsoft Policy settings, the procedure installed Citrix specified Group Policy Objects (GPOs) tailored to creating and enabling a seamless environment, and creating a unified experience. This procedure implements the Group Policy Objects to provide the environment for users connecting to XenApp servers.

Description of Citrix GPOs and what they do:

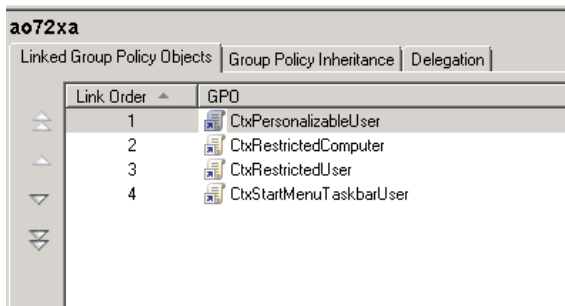| Name	Type	Description
CtxStartMenuTaskbarUser	User	Changes the pinned shortcuts on the Taskbar and configures the Start menu to match a Windows 7 environment. Requires the Enhanced Desktop Experience feature of XenApp 6.5 (Which is installed by default when XenApp is installed on session hosts).
CtxPersonalizableUser	User	Enables users to change the desktop wallpaper. Prevents users from installing programs, viewing properties, scheduling tasks, or shutting down the server. Requires the Enhanced Desktop Experience feature of XenApp 6.5 (Which is installed by default when XenApp is installed on session hosts). Used with the CtxRestrictedComputer GPO.
CtxRestrictedUser	User	Includes the restrictions in the CtxPersonalizableUser GPO and prevents users from modifying desktop wallpaper and Start menu and Taskbar settings. Used with the CtxRestrictedComputer GPO.
CtxRestrictedComputer	Computer	Prevents users from accessing the Task Manager, Administrative Tools, Windows Update, Help and Support, and removable drives. Used with either the CtxPersonalizableUser or CtxRestrictedUser GPOs.

1. Log on to the XenApp server with administrative rights.

2. Select Start > Administrative Tools >Group Policy Management.

3. Expand **Forest** and select **Domains > Group Policy Objects** to view the new Group Policy objects.

CtxPersonalizableUser
CtxRestrictedComputer
CtxRestrictedUser
CtxStartMenuTaskbarUser
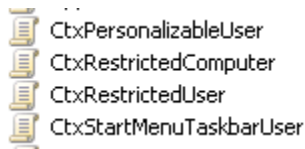
4. Link the Citrix policies to the App Orchestration Organizational Unit (OU) created for your XenApp Delivery Site by going to the Group Policy Management console and locating your Delivery Site OU under the App Orchestration OU.

5. Right-click the OU and select **Link an Existing GPO**.

6. Scrolling down, find the newly created OUs, select all four and then click **OK** as shown in the following example:

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Linked Group Policy Objects	Group Policy Inheritance	Delegation

Link Order ▲	GPO
1	CtxPersonalizableUser
2	CtxRestrictedComputer
3	CtxRestrictedUser
4	CtxStartMenuTaskbarUser

Verify policy configuration

To verify policy configuration, open a connection in the environment and verify that the templates are implemented.

You can use tools such as **GPResult** and the **Group Policy Results wizard** for troubleshooting.

Log in to Citrix Receiver and launch a desktop.

When the desktop opens, it should look like a Windows 7 desktop, as shown in the following example: