



NetVanta Unified Communications Technical Note

Installing Client GPO Software

Client Software Installation Using Group Policy Objects

This section describes how to deploy the client software using Group Policy Objects (GPO) via Active Directory.

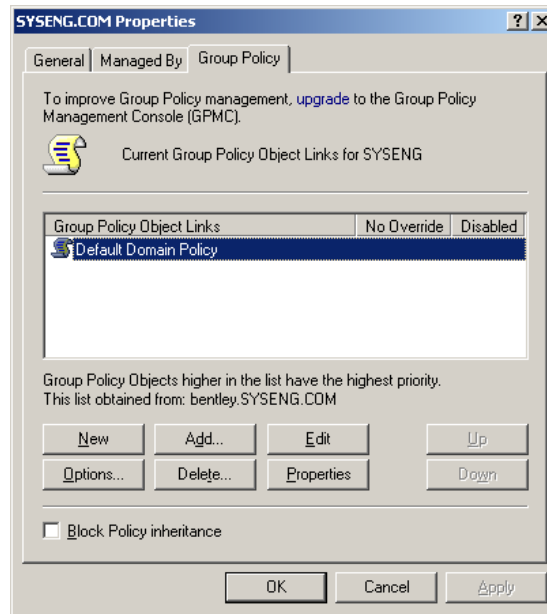
Preparation

1. Create a directory and copy the content of the installation CD to that directory.
2. Share the directory you created with the users or groups to whom you want to distribute the client software.
3. You must have Domain Admin access rights or full rights to the Organizational Unit for which you want to distribute the software.

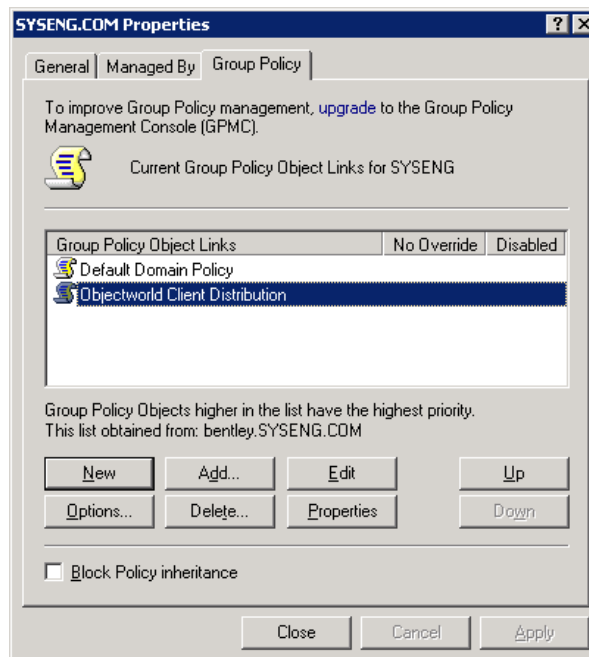
Steps

1. Launch **Active Directory Users and Computers** by selecting **Start -> Programs -> Administrative Tools -> Active Directory Users and Computers**.
2. Make sure that you are connecting to the domain where you want to create the new policy. If you are not, right-click **Active Directory Users and Computers** and select **Connect to Domain** and then enter the name of the domain in which you want to distribute the client software.
3. Right-click the domain and select **Properties**.

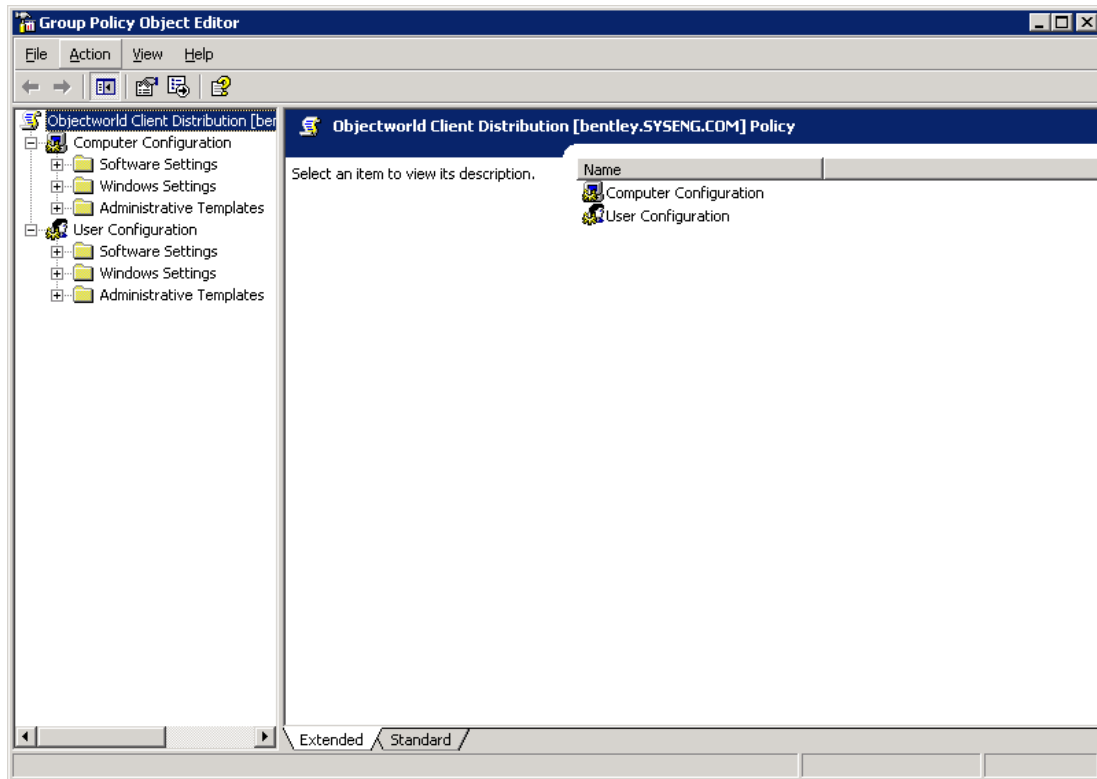
4. Select the **Group Policy** tab.



5. Select **New** and enter the name for the new policy (for example, NetVanta Client Distribution) that you want to create, and select **Enter**.



6. Select **Edit**. The **Group Policy Object Editor** window appears, as shown below:

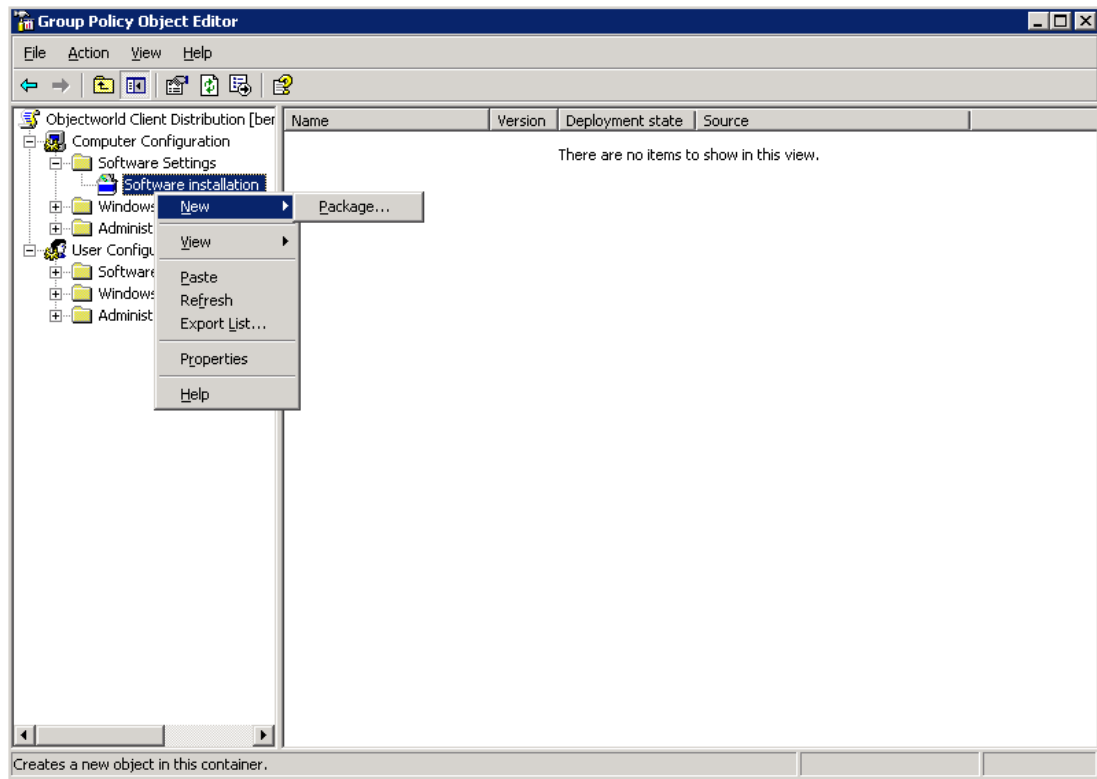


7. To distribute the client to a specific group of users, use **User Configuration**; otherwise, use **Computer Configuration**. Under **Computer Configuration**, expand **Software Settings** and right-click **Software Installation**.

To use User Configuration, the current user (and where the GPO will be applied to) must be in the local Administrators group.

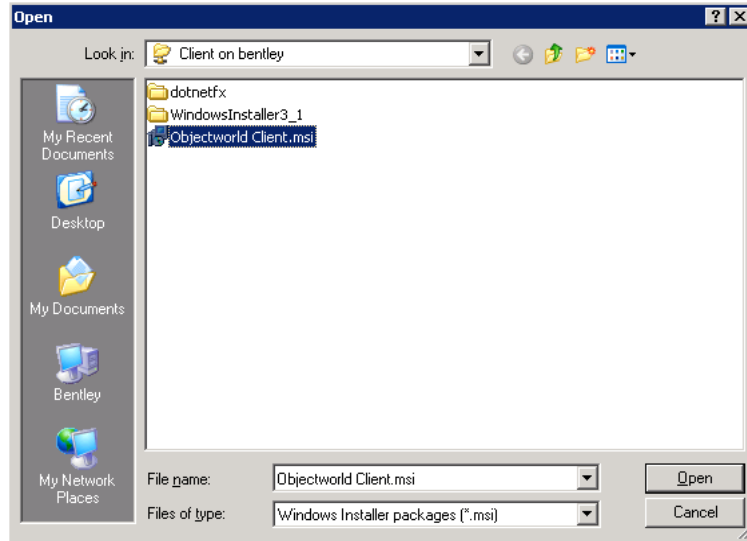
You can create a GPO and apply it to a whole domain as well as to specific groups of users (the users in a specific Organizational Unit (OU)). If you apply a GPO for a specific group of users, you must move the users' computers to that OU in order to use Computer Configuration. If you apply a GPO at a domain level, you do not need to move your computer objects to specific OU's in order to use Computer Configuration.

8. Select **New -> Package**.

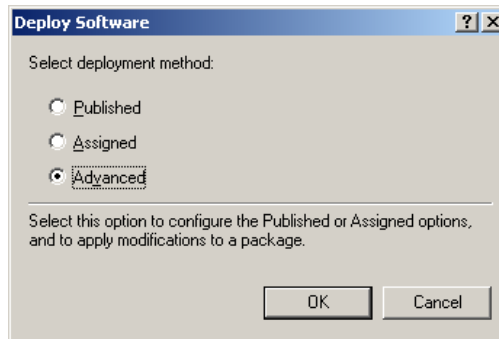


9. Browse to the directory that you created in the **Preparation** section and select the **msi** file for the client software. Select **Open**.

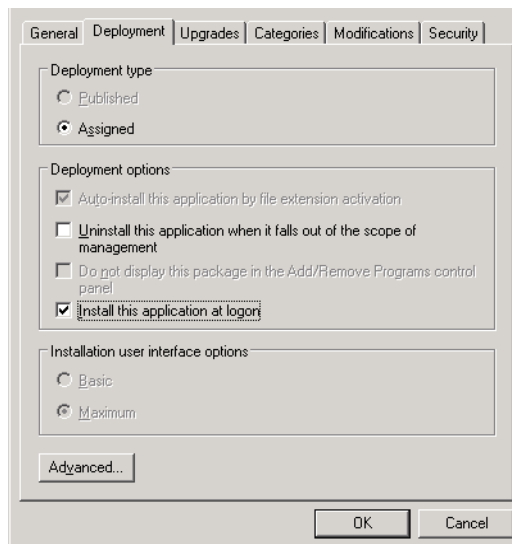
NOTE: When browsing for the client MSI, the path to the MSI file must be represented as a UNC path (e.g. \\server1\clientsoftware\NetVanta Unified Communications Client.msi). You must not select the file while browsing the local machine because clients attempting to reference this path will cause the installation to fail (because that file does not exist locally on the machine of the user where the client will be installed).



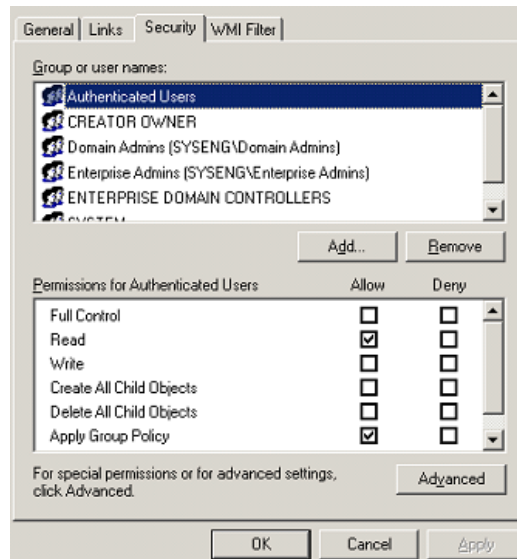
10. Select **Advanced** and select **OK**.



11. Select the **Deployment** tab and select **Assigned** for the Deployment Type. If **Assigned** is already selected, you must re-select it in order for **Install this application at logon** to be available. This check box must be selected.



12. Select **OK** to save the changes and return to the **Group Policy** tab for the domain policy properties dialog.
13. Select the newly created policy from Step 5.
14. To apply the newly created policy to a certain group of computers or users, select **Properties** to open the **Distribution Properties** dialog box and select the **Security** tab.



15. Select a group, user or computer that you want to apply the policy to. Select **Apply Group Policy** and **Read**. If the group that you want to apply the policy to is not in the list, select the **Add** button and follow instructions to add the new group.
16. Select **Apply** to save the changes and select **OK** to close the policy **Distribution Properties** dialog box.
17. Select **OK** again to save the changes and return to the AD Users and Computers console.

Client Software Upgrades Using Group Policy Objects

This section describes how to upgrade the client software using Group Policy Objects (GPO) via Active Directory.

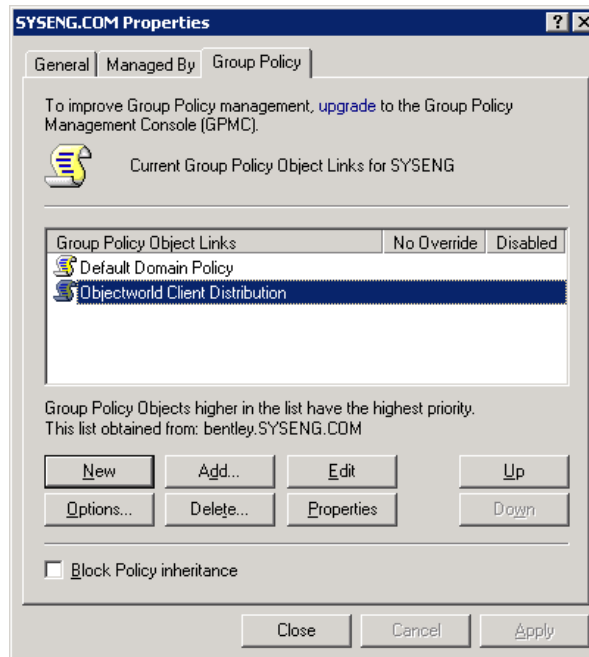
Preparation

- Create a directory and copy the content of the new upgrade installation CD to that directory.
- Share the directory you created with the users or groups to whom you want to distribute the client software.
- You must have Domain Admin access rights or full rights to the Organizational Unit for which you want to distribute the client software.

Prerequisite: An existing client distribution package in GPO.

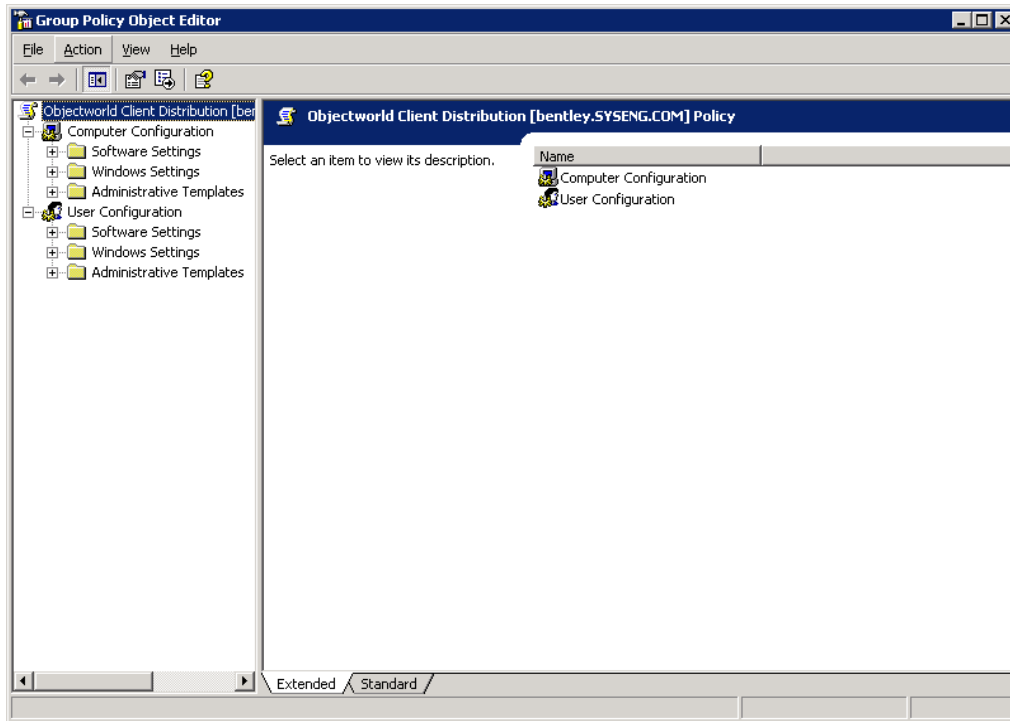
Steps

1. Launch **Active Directory Users and Computers** by selecting **Start -> Programs -> Administrative Tools -> Active Directory Users and Computers**.
2. Make sure that you are connecting to the domain where you want to create the new policy. If you are not, right-click **Active Directory Users and Computers** and select **Connect to Domain** and enter the name of the domain that you want to distribute the client software to.
3. Right-click the domain and select **Properties**.
4. Select the **Group Policy** tab.

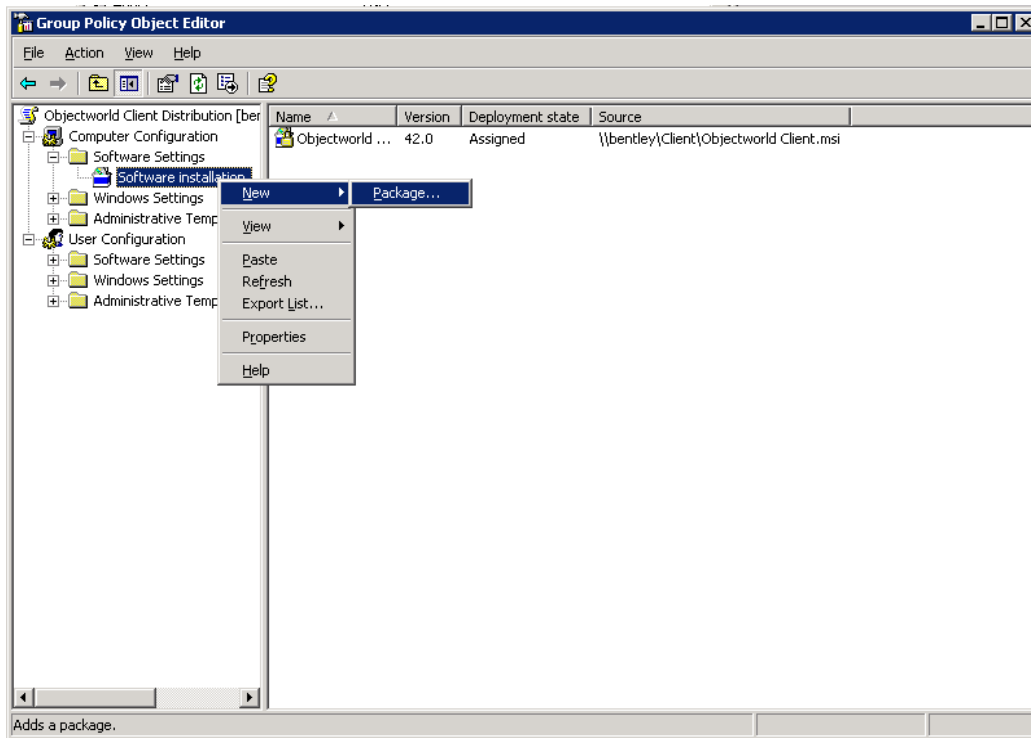


5. Select the existing GPO that you want to upgrade and select **Edit**.

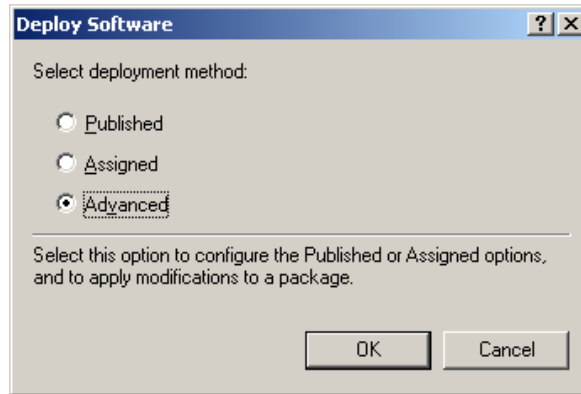
6. The **Group Policy Object Editor** window appears as shown below:



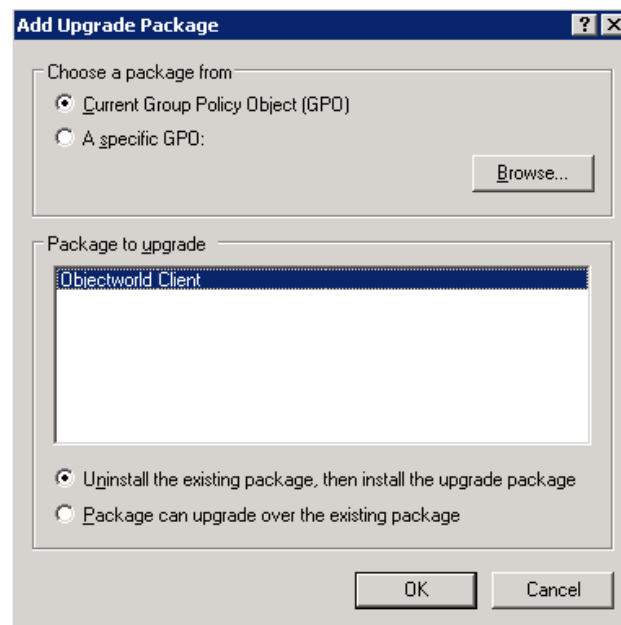
7. Expand the **Software Settings** and right-click **Software Installation**. Select **New -> Software Package**.



8. Manually enter the path to the shared directory containing the latest client software. (Enter the path to the client **.msi** file). Select **Open**.
9. Select **Advanced** in the Deploy Software dialog box and select **OK**.

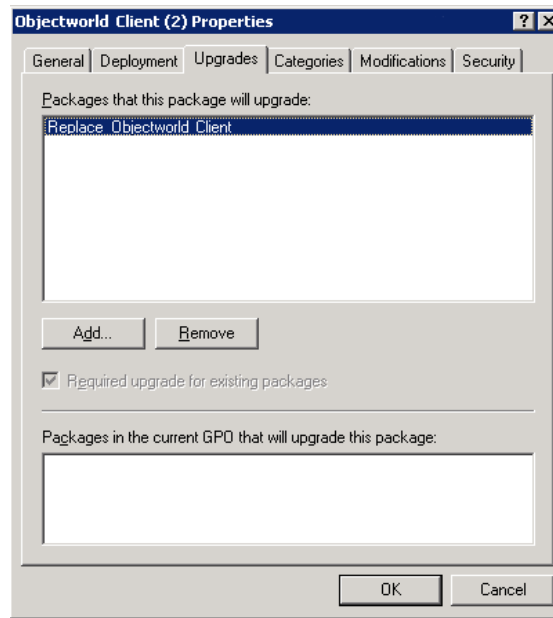


10. Select the **Upgrades** tab in the **Properties** dialog box that appears. Select the **Add** button to open the **Add Upgrade Package** dialog box.

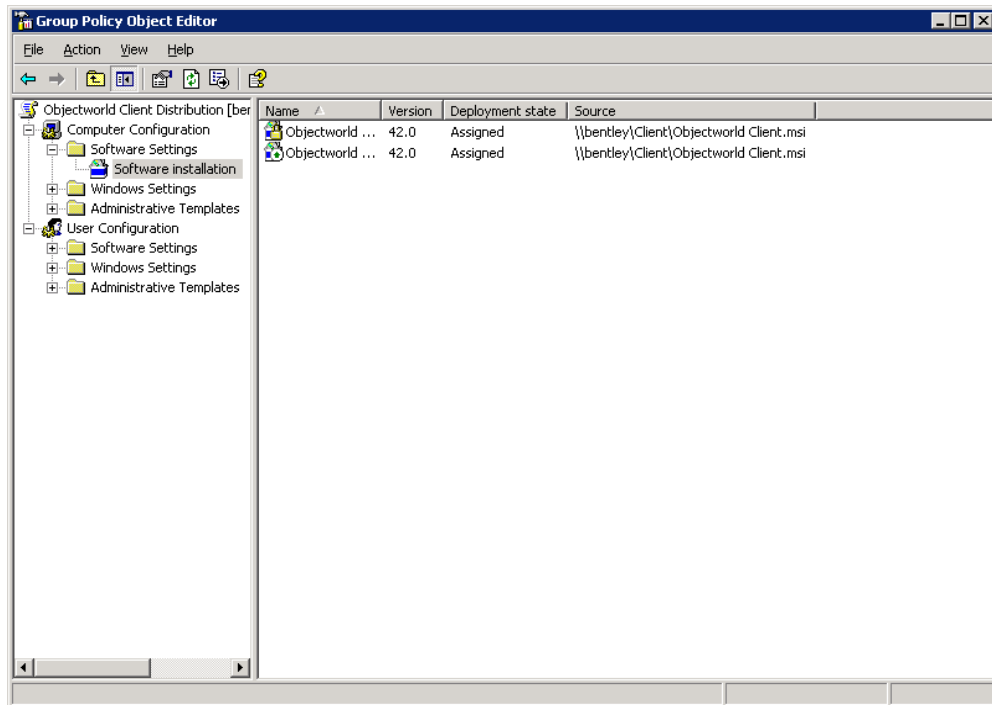


11. From the available list of packages, select the package that you want to upgrade. Select **Uninstall the existing package, then install the upgrade package**.
12. Select **OK** to return to the **Upgrades** tab.

13. A “Replace” package is listed in the dialog (Upgrades tab). Select **OK** to accept the changes.



14. Both packages (the original version and the upgrade version) are listed in the **Group Policy Object Editor** window.



15. Close the Object Editor and return to AD Users and Computers console.