

Migrating User Profiles with User Profile Wizard

This chapter will show you how to use the Wizard to interactively migrate an existing user profile so that it can be used by a user's new domain account



In this chapter we will run User Profile Wizard interactively in GUI mode using the settings in the Profwiz.config file we created in the previous chapter. Skipped the previous chapter and came straight here? No problem – you will just have to enter the settings as you go.

Migrating a workstation using the User Profile Wizard GUI is *deliberately easy*. You can do it in a few clicks.



Welcome

When you start User Profile Wizard the first thing you see is the Welcome page.

Click **Next** to continue.



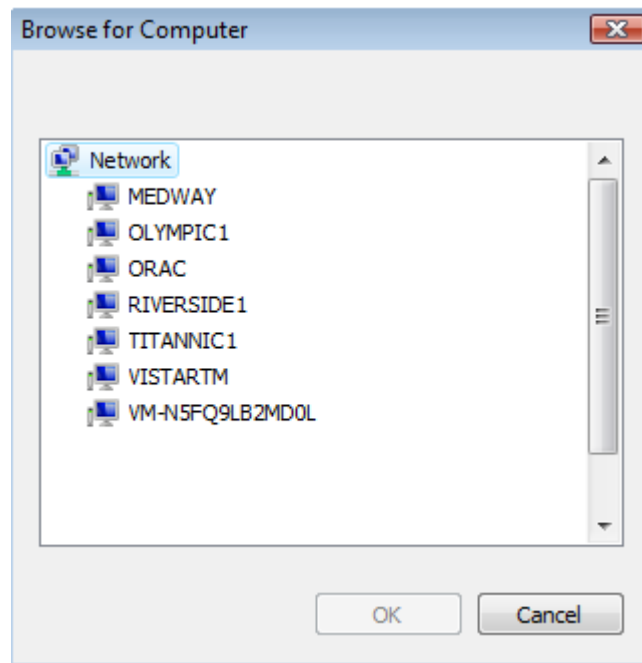
Select Computer

The first option you have is to choose the workstation you want to migrate. This can be the Local Computer – the computer User Profile Wizard is running on, or another computer on the network.

A screenshot of the 'User Profile Wizard' dialog box. The title bar says 'User Profile Wizard' with a close button (X) on the right. The main heading is 'Select Computer' with a subtext 'Select the computer where you want to migrate a user profile.' and a small eye icon. There are two radio button options: 'Local Computer (the computer this wizard is running on)' and 'Another Computer'. The 'Another Computer' option is selected. To the right of 'Another Computer' is a text box containing 'DESKTOP-6E0VUDV' and a 'Browse...' button. At the bottom, there are three buttons: '< Back', 'Next >' (which is highlighted with a blue border), and 'Cancel'.

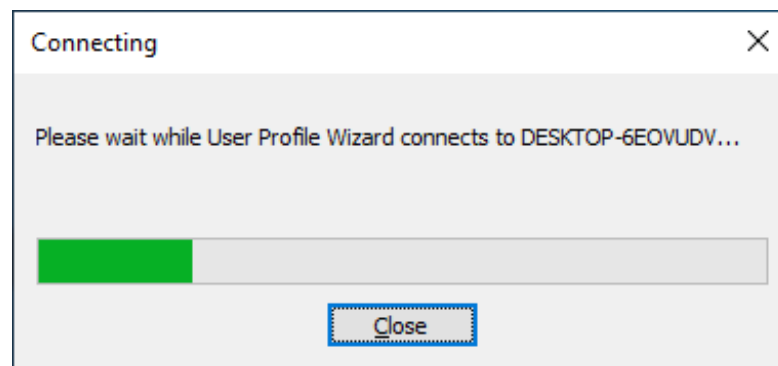
You can enter the name of a computer directly in the edit box, or you can click **Browse...** to find a machine on the network.

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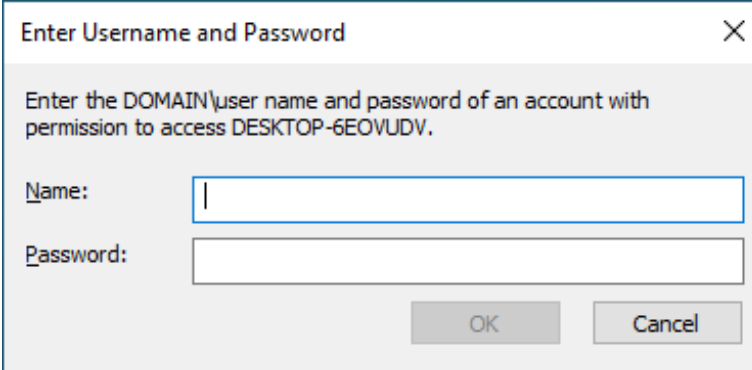
Click **Next** to continue.

User Profile Wizard will now attempt to connect to the workstation.



If you have saved Administrator credentials for the workstation in the Profwiz.config file, User Profile Wizard will use the credentials to connect to the workstation. If you haven't done this, or if the credentials in the Profwiz.config file are invalid, you will be prompted:

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A Windows-style dialog box titled "Enter Username and Password" with a close button (X) in the top right corner. The dialog has a light gray background. Below the title bar, there is a message: "Enter the DOMAIN\user name and password of an account with permission to access DESKTOP-6EOVUDV." Below this message are two input fields. The first is labeled "Name:" and contains a single vertical bar character "|". The second is labeled "Password:" and is empty. At the bottom right of the dialog are two buttons: "OK" and "Cancel".

Enter Username and Password

Enter the DOMAIN\user name and password of an account with permission to access DESKTOP-6EOVUDV.

Name: |

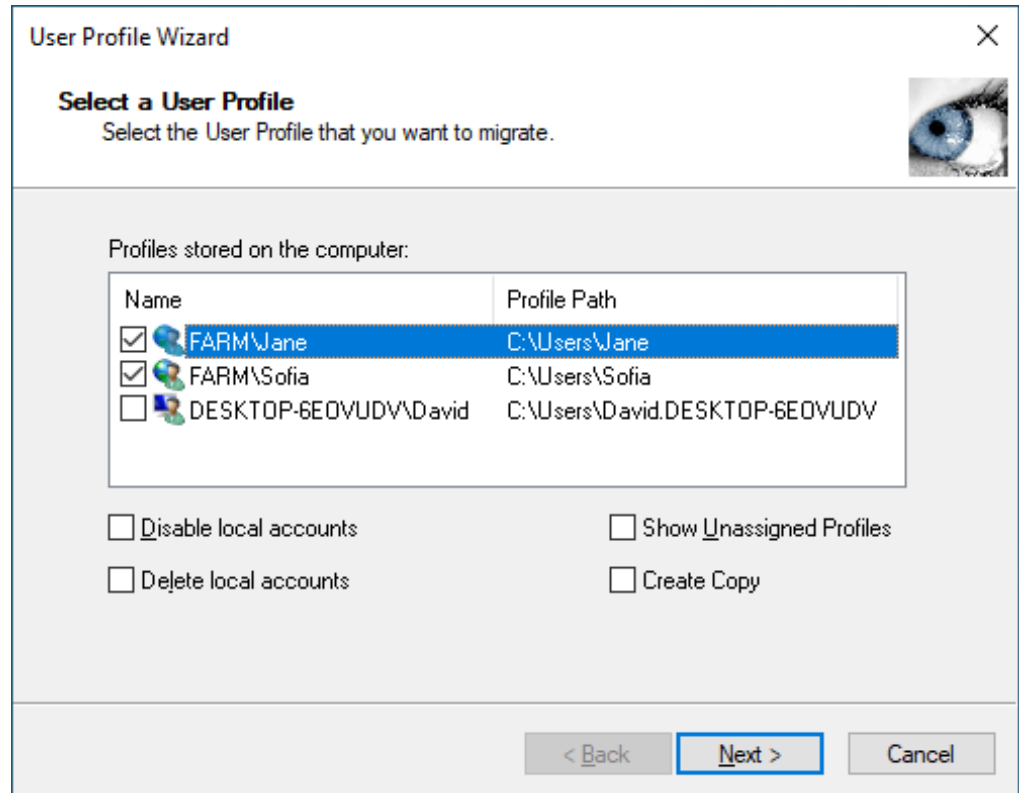
Password:

OK Cancel



Select a User Profile

The next step is to select the existing profiles that the new user accounts will use.



User Profile Wizard lists the profiles assigned to each user account. You just need to select the account names of the users whose profiles you want to migrate. If you have the Corporate or Professional Edition you can select multiple accounts.

Disable Local Accounts

If a profile you have selected is currently assigned to a local account, you can tell the wizard to disable the account after the migration is completed by checking the “Disable Account” checkbox.

Delete Local Accounts

If a profile you have selected is currently assigned to a local account, you can tell the wizard to delete the account after the migration is completed by checking the “Delete Account” checkbox.

Unassigned Profiles

User Profile Wizard lists the currently assigned profile: that is, the profile that each user is currently using. Note that this is not necessarily the user's original profile.

For example, say that Jane leaves your organization and Alice takes over her position. It is decided that it makes sense to run User Profile Wizard to assign Jane's profile to Alice. Alice, however, has already logged onto Jane's machine and already has a profile.

What happens to Alice's profile? The answer is nothing. The profile stays on the machine, but it is not used by anyone, it is "unassigned." To list these unassigned profiles, tick the "Show Unassigned Profiles" box. The first time you do this, you will get a warning. This is because profiles sometimes become corrupted so that Windows cannot read them. When this happens Windows creates a new profile for a user. If you look in the profiles directory, usually "C:\Users", you will sometimes see profile folders with names like USER.DOMAIN. These are profiles Windows has created because it cannot read the user's original profile. It is obviously not a good idea to use a corrupted profile, and the User Profile Wizard warns you of the possibility.

The User Profile Wizard lists unassigned profiles with the unknown user icon. It will also list the profiles for user accounts that have been deleted from the machine. In this case, the actual user name is not available and you will only see the user account SID (Security Identifier.)

The User Profile Wizard will always try to resolve the domain and account associated with a particular profile. However, this is not always possible - for example, if a domain is no longer available on the network. In these circumstances you should be able to work out the profile you want to migrate by looking at the profile path.

Create Copy

By default, User Profile Wizard does not move, copy or delete any data. Instead it configures the existing profile "in place" so that it can be used by the user's new account. This makes the migration process both very fast and very safe. By contrast, "Create Copy" will create a copy of the original profile and assign the copy to the user's new account.

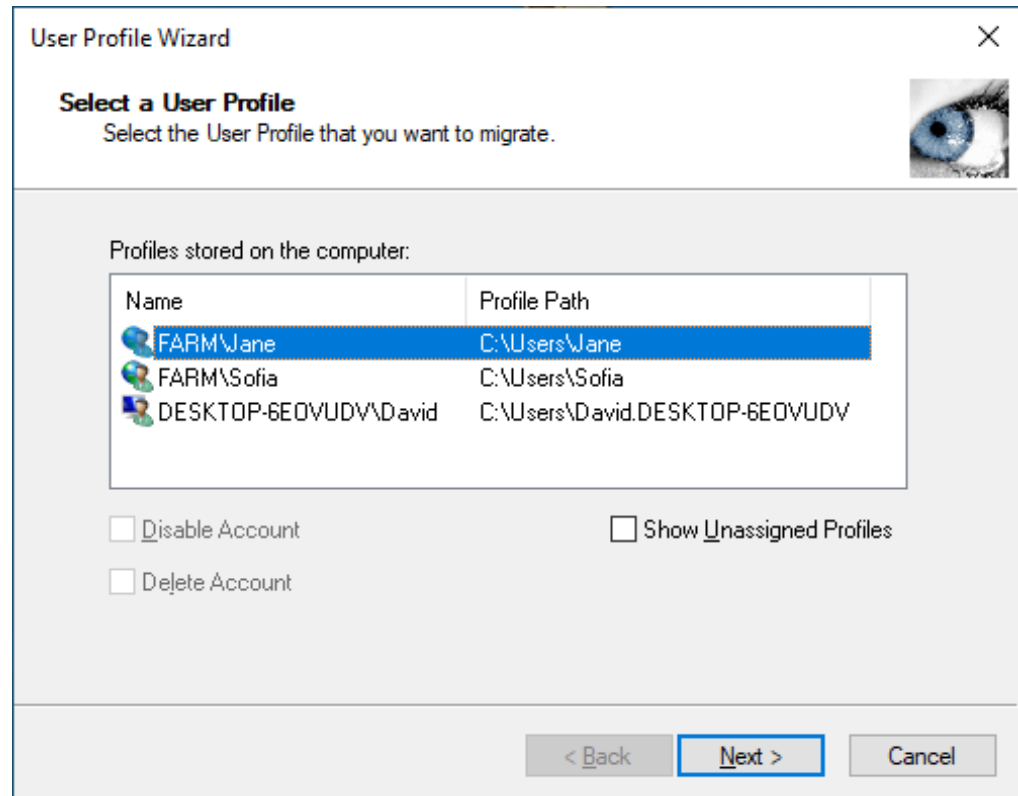
You should think carefully before choosing to copy a profile. Copying a profile will significantly slow the migration process, and will obviously take up disk space.

Copying a profile is not an option in the Personal Edition.

When you're ready, click **Next** to continue

Select a User Profile (Personal Edition)

The Personal Edition only allows you to select one profile to migrate at a time.





User Account Information

This is the page where you enter information about the new user who will be given access to an existing profile.

The screenshot shows the 'User Profile Wizard' window with the 'User Account Information' tab selected. The window title is 'User Profile Wizard' with a close button (X) in the top right corner. The tab title is 'User Account Information' with a small eye icon to its right. Below the tab title is the instruction: 'Specify the domain and account name for the user you would like to use the profile.' The main area contains two sections. The first section is titled 'Enter the domain, or select the local computer name:' and features a dropdown menu with 'HOMESTEAD' selected, an 'Azure AD' checkbox (which is unchecked), and two checked checkboxes: 'Join Domain' and 'Join Workgroup'. The second section is titled 'Enter the account name:' and features a text box containing 'JSmith' and a checked checkbox labeled 'Set as default logon'. At the bottom right, there are three buttons: '< Back', 'Next >' (which is highlighted with a blue border), and 'Cancel'.

Enter the domain

Enter the name of the domain, or Azure AD tenant, of the user account that will be given access to the existing profile.

If there is a `<Domain>` setting in the Profwiz.config file, the domain name will appear in the "Enter the domain" combo box. If your machine is already joined to a domain, that domain name will also appear in the combo box.

If the "Enter the domain" box is blank, and you are joining your machine to a new domain, type the new domain name.

You can also choose the local machine name by clicking on the down arrow. This will allow you to migrate a profile to a local user account if you want to.

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Azure AD

Tick the Azure AD box if the domain you are joining is an Azure AD tenant.

If `<Azure>` is set to *True* in your Profwiz.config file, this box will already be ticked.

Join Domain

If your machine is not already joined to a domain, or if you enter a new domain name, the "Join Domain" check box is checked by default. Remove the tick if you do **not** want the machine to be joined to the domain or the Azure AD tenant you have specified.

If the machine is already joined to the domain, the "Join Domain" check box is filled in. To force user Profile Wizard to join the machine to the domain again, click the check box to enter a tick.

Join Workgroup

If you want to unjoin your machine from a domain and add the machine to a workgroup instead, tick the "Join Workgroup" check box. The "Join Workgroup" check box will only be enabled if you have selected the local computer name in the "Enter the domain" box, and the machine is already joined to a domain. See the [Migrating from domain to local accounts](#) chapter later in this guide for more information.

Enter the account name

The "Enter the account name" text box will be different depending on whether you are migrating more than one user account profile and whether you have specified a user lookup file (see [Rename user accounts](#) below).

If you have only selected one profile to migrate, and have not specified a user lookup file, the "Enter the account name" text box will be blank and you will need to enter the user's new account name. This can be a plain Windows account name like "JSmith" or an account name in UPN (User Principle Name) format, for example, jsmith@auron.net.

If you have selected more than one profile to migrate, and have not specified a user lookup file, the "Enter the account name" text box will be greyed out and read "Using matching account names":

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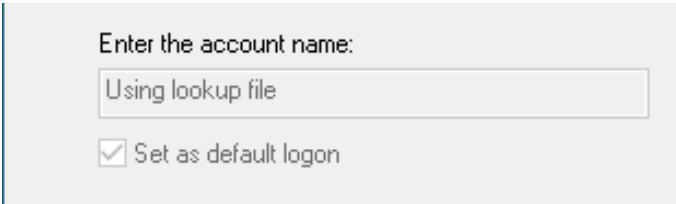
Enter the account name:

Using matching account names

☒ Set as default logon

This means that User Profile Wizard will look for an account in the new domain that matches the name of the old user account. So if the user's account name is currently "Jane", User Profile Wizard will look for an account called "Jane" in the new domain. If the account cannot be found in the new domain, the profile will not be migrated.

If you have selected more than one profile to migrate, and *have* specified a user lookup file, the "Enter the account name" text box will be greyed out and read "Using lookup file":



Enter the account name:

Using lookup file

☒ Set as default logon

This means that User Profile Wizard will search the user lookup file for the user's existing account name to try and find a new account name for the user. If it finds a match, the new account name will be used. If the user's account name is not found, User Profile Wizard will look for an account in the new domain that matches the user's existing account name.

Finally, if you have selected a single profile to migrate and have specified a user lookup file, if User Profile Wizard finds a match for the user's existing account name, the new user account name will appear in the "Enter the account name" text box.

Default Logon

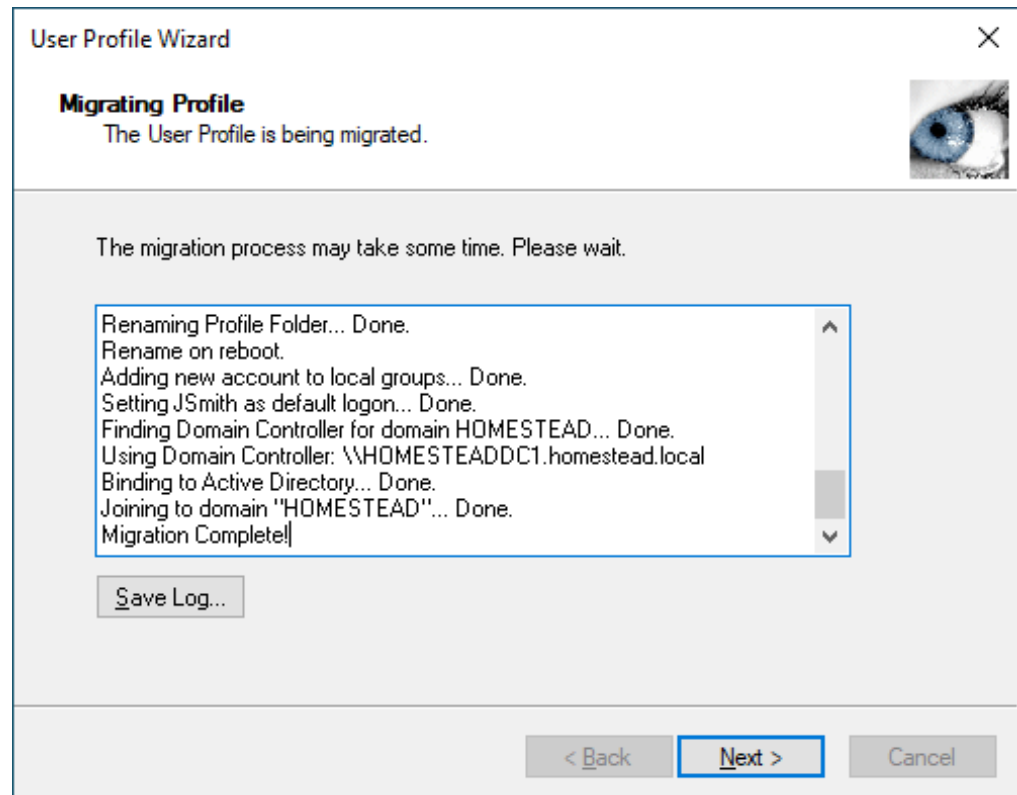
By default, the Wizard will set the account you specify to be the default logon on the machine. Remove the tick in the "Set as default logon" text box if you do not want the default logon to change.

Click **Next** to continue.



Migrating Profile

As soon as you click Next, the configuration process begins. User Profile Wizard will update the progress window at each stage.



If you are joining your machine to the domain – and you haven’t saved domain credentials to the Profwiz.config file - you will be prompted for a username and password with the necessary permissions.

Save Log...

When the migration is complete, the “Save Log...” button will become active, allowing you to save the output in the progress window. This is useful if there has been an error which you need to investigate. Should you ever need to contact ForensiT Support, we will almost always ask you for a migration log.

When configuration is complete click **Next**.



Congratulations!

You're done. If there were any problems, you can click **Back** and check the progress window for errors. Click **Finish** to close the Wizard.

The machine will now reboot.

You're about to be signed out

Your system settings have changed and the computer needs to restart. Your computer will restart in 10 seconds.

Close