

Hitachi Content Platform Gateway End User Restore

v4.2.0

End User Desktop (Windows)

The objective of this document is to cover the set up the End User Restore application and how the end user would use the application to recover prior versions of a file.

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Chapter 1 Introduction

The HCP Gateway is providing end users access to a CIFS share or shares. The HCP Gateway is configured in NAS mode and is using a Copy Policy to also make a copy of each user file to HCP storage. When a user writes a file to their Share a copy is saved to the local disk attached to the HCP Gateway and then a copy is written to the HCP.

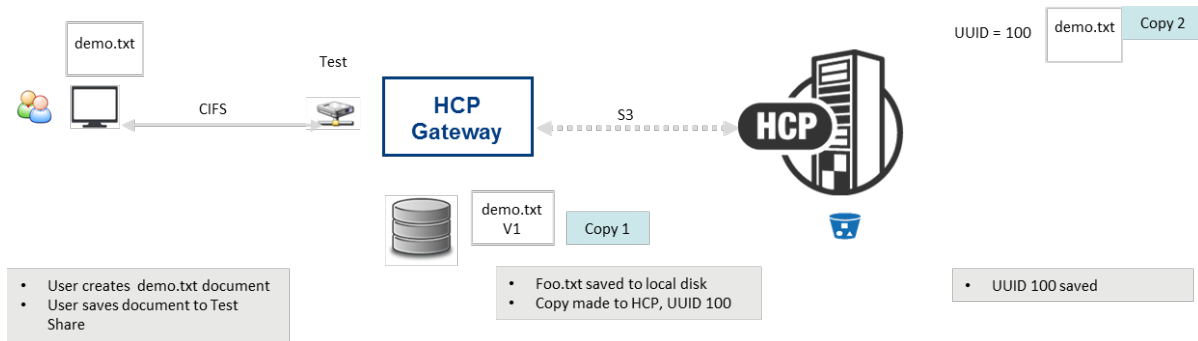
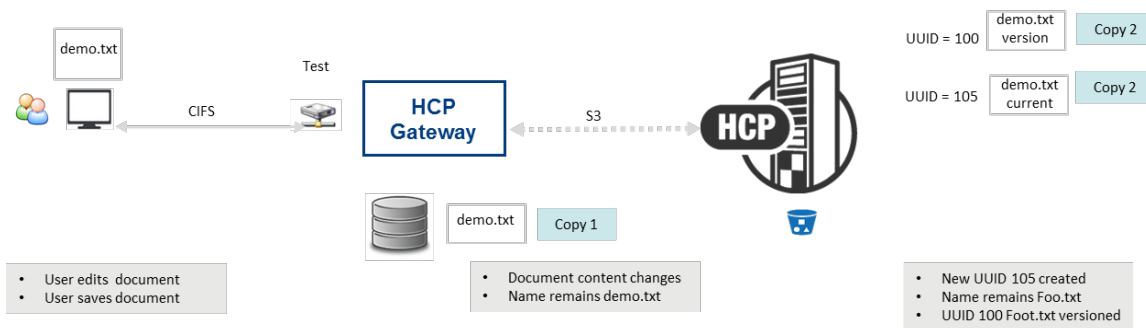


Figure 1.1 File Created

After a user makes an edit to a file and saves it, the HCP Gateway saves the updated file to local disk and the updated file is also written to the HCP as a new object. HCP now has two versions of the file.

Figure 1.2 File Modified



The user may want to download a previous version or replace the current version with an earlier version. To enable this functionality the user must install an application on their personal computer.

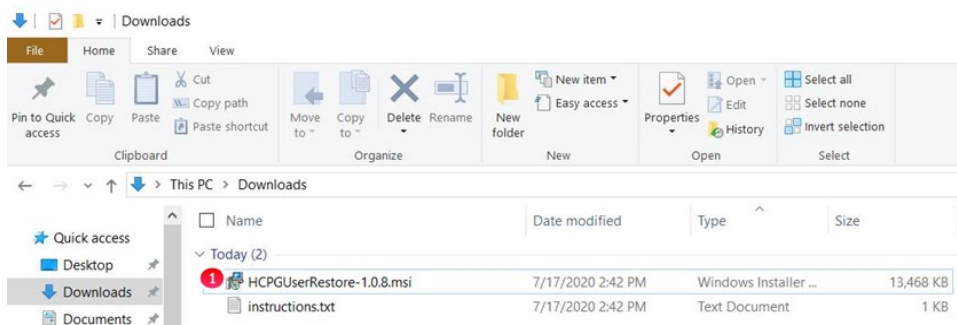
TCP Port 9090 must be open between the user's computer and the HCP Gateway. If a firewall is enabled on the HCP Gateway, TCP Port 9090 must be allowed in the Inbound Rules. This guide will cover the End User Restore application installation and how the user will access the versions of a file. The versions may be downloaded or promoted to be the current version.

Chapter 2 Installing the End User Restore Application

This chapter will cover the installation of the End User Restore application using the Microsoft installer. This application integrates with the Microsoft File Explorer tools to provide a familiar user experience.

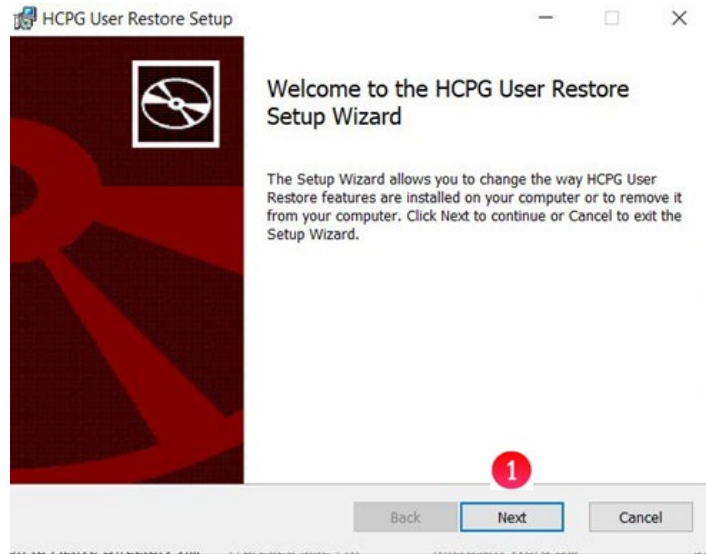
Step 1: Download the HCPGUserRestore-X.X.X.msi file to a local drive on the user's pc. Then double click on the file name to start the install process.

Figure 2.1 Download Application



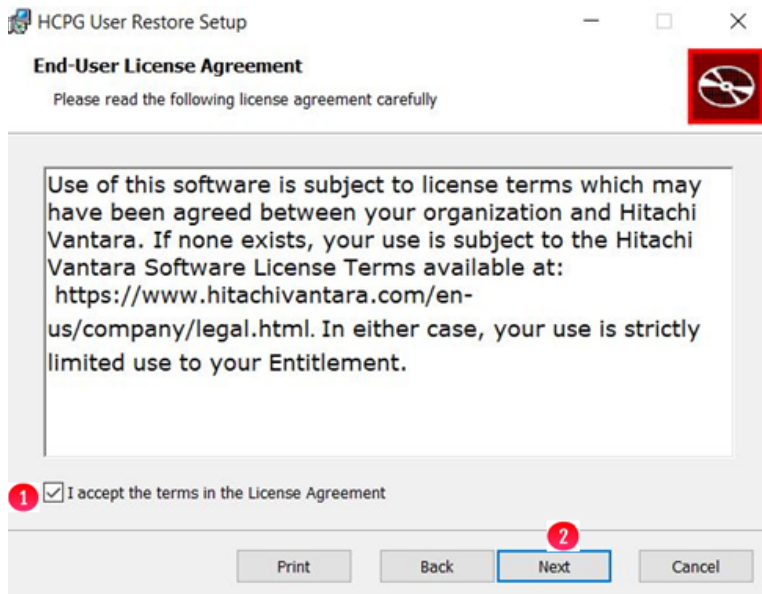
Step 2.1: Follow the instruction in the installation wizard. Start by clicking on the **Next** button (Figure 2.1.1).

Figure 2.1 End User Restore Installation



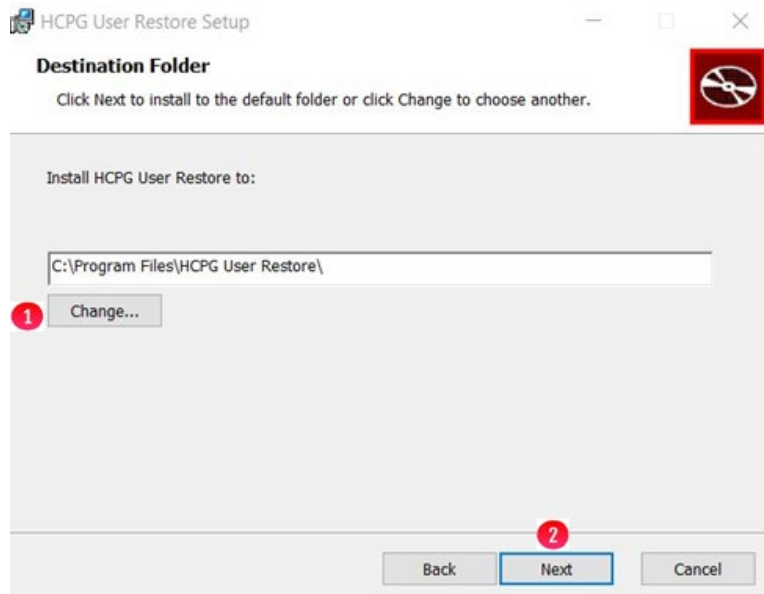
Step 2.2: Accept the EULA (Figure 2.2.1), then click on the **Next** button (Figure 2.2.2)

Figure 2.2 EULA



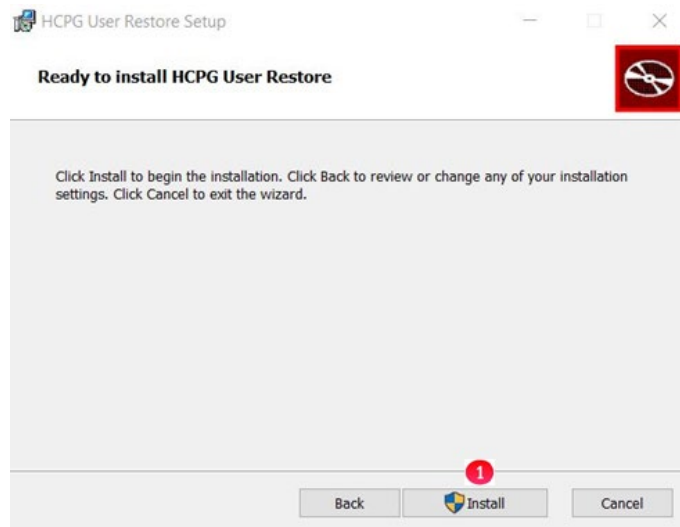
Step 2.3: Select the location to install the application. To change the default installation location click the **Change** button (Figure 2.3.1) and enter the new location. Then click on **Next** button (Figure 2.3.2) to advance to the next step of the installation.

Figure 2.3 Install Location



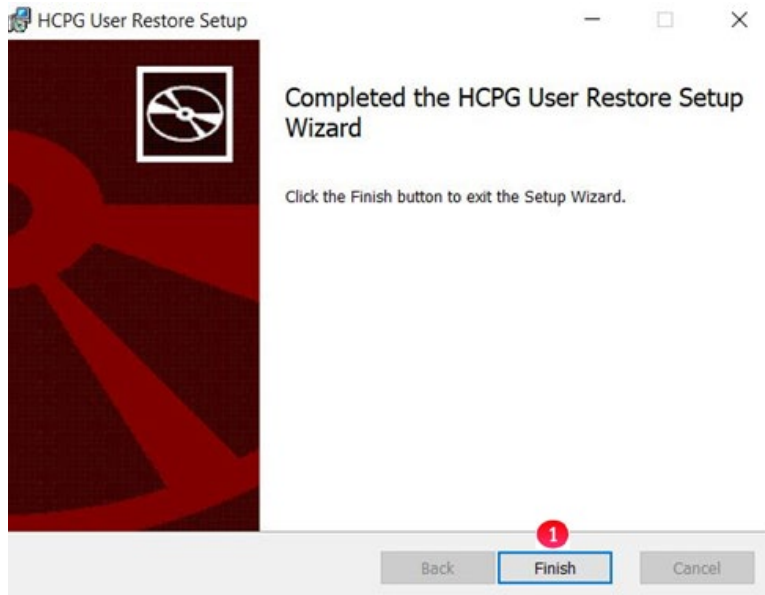
Step 2.4: Click on **Install** button (Figure 2.4.1) to start the installation.

Figure 2.4 Install



Step 2.5: Click on **Finish** button (Figure 2.5.1) to exit the installer.

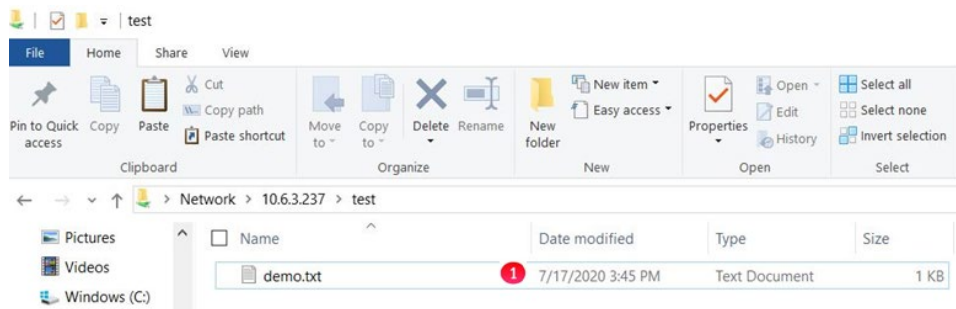
Figure 2.5 Install Location



Chapter 3 End User Restore Process

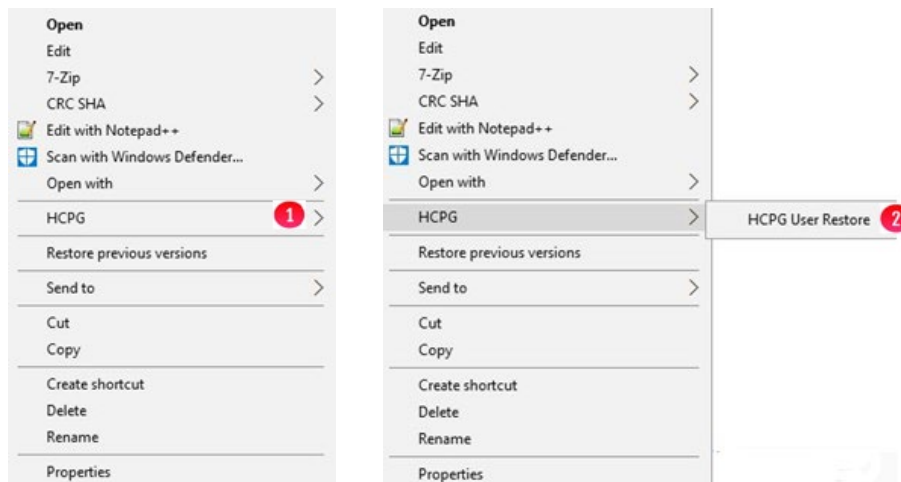
The HCP Gateway is presenting a Share named **test** to the user. The user saves a file named demo.txt at 3:38PM. At 3:45PM the user updates the file (Figure 3.1.1) and saves it. The file updated at 3:45PM is the current version and visible in the **test** Share presented by the HCP Gateway. The version created at 3:38PM is not visible in the **test** Share.

Figure 3.1 User View of Test Share



To start the End User Restore process, the user puts their mouse on the file name and right clicks the mouse. The File Explorer tool menu pops up (Figure 3.2). Find HCP Gateway on the menu and to the right click on the ">" sign (Figure 3.2.1). The menu will then show the **HCPG User Restore** option (Figure 3.2.2).

Figure 3.2 Explorer menu







The Version table (Figure 3.3) for the selected file is displayed. In the example there are two versions of the file demo.txt. The current version (Figure 3.3.1) can be determined by looking at the **Modify Time** (Figure 3.3.2) or the one without the “Restore” icon . The user can elect to download any version by selecting the **cloud** download icon  (Figure 3.3.3). This will download the selected file to the download folder of the local system. Alternatively the user can select the “Restore” icon  (Figure 3.3.4) to restore this file and this file will be promoted to the current version. For this example, click the “Restore” icon  on the original version of the file written at 3:38PM (Figure 3.3.5) to promote it to be the current version of the file. The “X” in the top right corner of the popup window (Figure 3.3.6) is used to close the application.

Figure 3.3 Versions



ID	Insert Time	Modify Time	Size	Object	Restore	Download
1	2020-07-17 15:38:51	2020-07-17 15:38:20	118	dc62f706-7d65-40cd-85e7-e7a...		
3	2020-07-17 15:45:10	2020-07-17 15:45:10	251	b90a61f9-1b26-426b-981c-d68c...		


Notice now that the “Restore” icon  is removed from the file that was promoted to the current version (Figure 3.4.1) and is now on the version of the file that was written at 3:45PM (Figure 3.4.2).

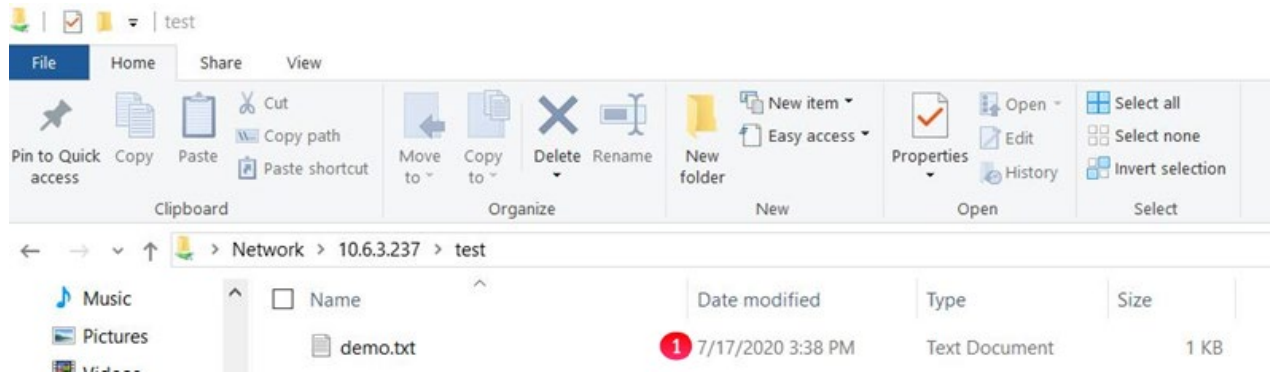
Figure 3.4 Versions Updated



ID	Insert Time	Modify Time	Size	Object	Restore	Download
3	2020-07-17 15:45:10	2020-07-17 15:45:10	251	b90a61f9-1b26-426b-981c-d68c...		
1	2020-07-17 15:38:51	2020-07-17 15:38:20	118	dc62f706-7d65-40cd-85e7-e7a...		

Notice in Windows File Explorer original that the file written at 3:38PM (Figure 3.5.1) is visible in the share. The file modified at 3:45PM is not visible in the share. Please note, it will take the HCP Gateway approximately 3-5 minutes to process the version change of the file. Do not attempt to use the application to change versions before the file processing completes.

Figure 3.5 Versions Updated in File Explorer



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