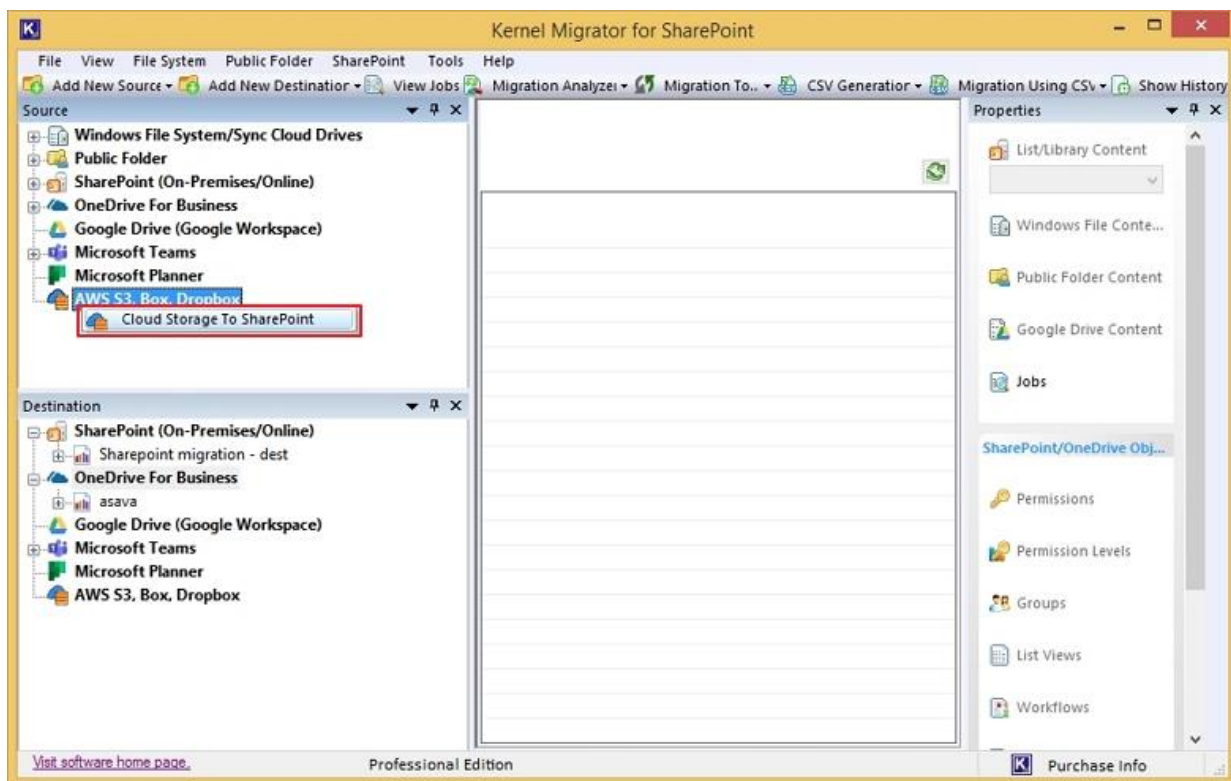


# How to use Kernel Amazon S3 to SharePoint?

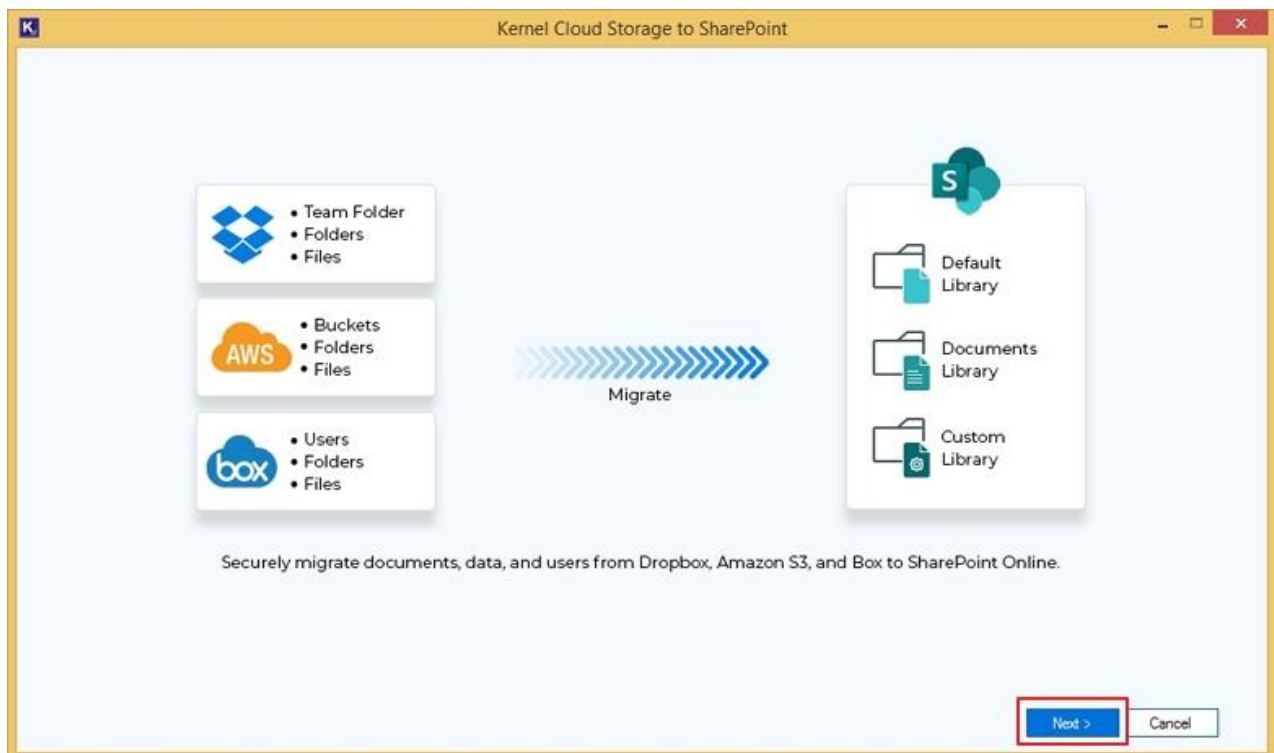
Here is the detailed process that'll guide you to migrate from Amazon S3 to SharePoint using Kernel Amazon S3 to SharePoint migration tool.

**Step 1:** Download and install Kernel Amazon S3 to SharePoint migration tool.

**Step 2:** Launch the AWS to SharePoint migration tool on your system and then, go to the Source pane, right-click on AWS S3, Box, Amazon S3 at the bottom and select Cloud Storage To SharePoint.



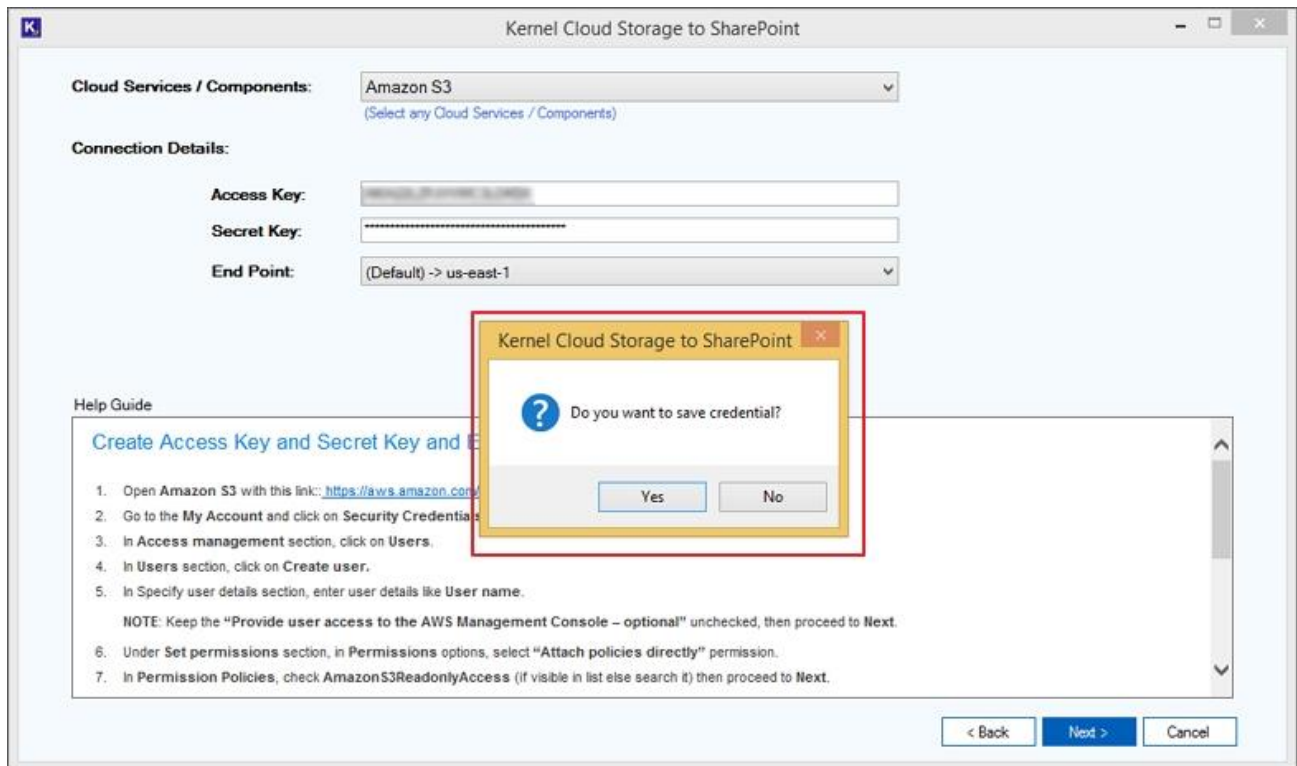
**Step 3:** On the Kernel Cloud Storage to SharePoint screen, click Next to begin.



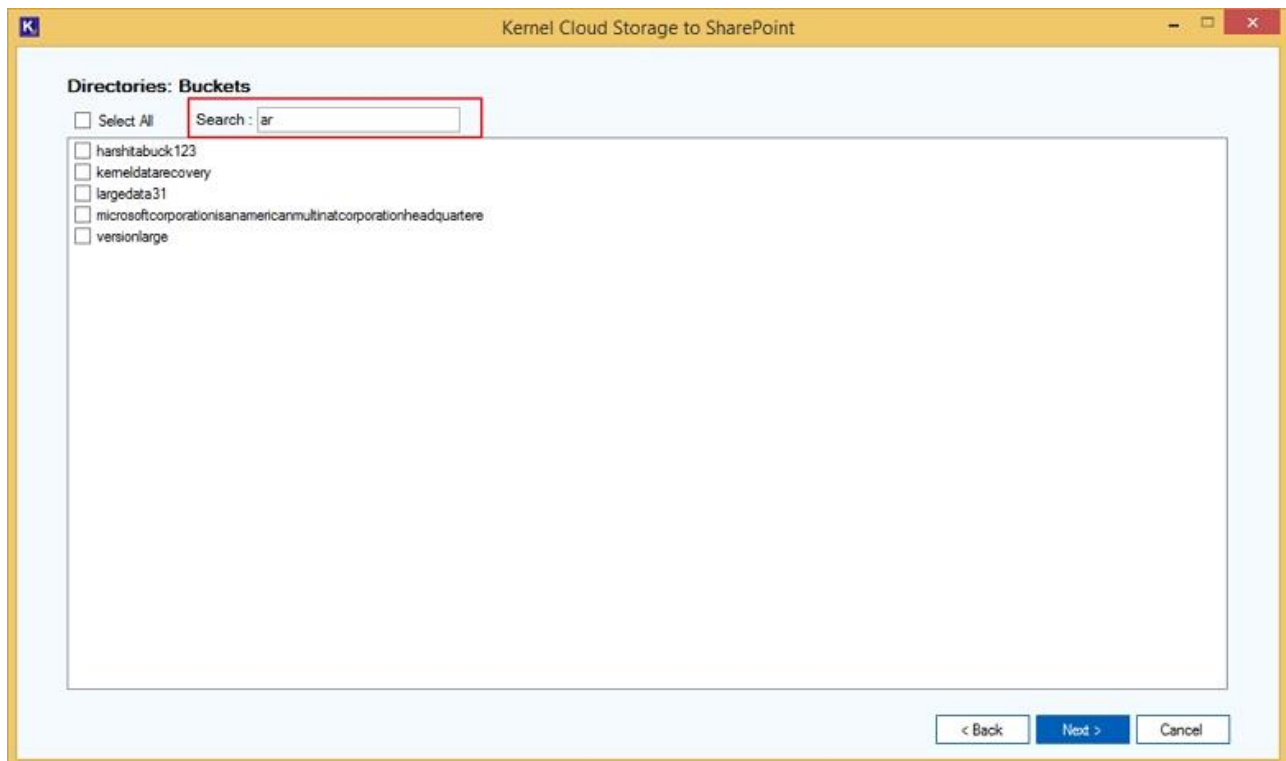
**Step 4:** Select Amazon S3 from Cloud Services/ Components dropdown, enter the Access Key and Secret Key that you can generate using the Help guide given below and then click Next.

The screenshot shows the same window, but now the "Cloud Services / Components" dropdown is set to "Amazon S3". Below it, the "Connection Details" section has three fields:   
1. Access Key: A text input field with a placeholder "Access Key" and a "Show/Hide" button.   
2. Secret Key: A text input field with a placeholder "Secret Key" and a "Show/Hide" button.   
3. End Point: A dropdown menu with "(Default) -> us-east-1" selected.   
Below the connection details, there is a "Help Guide" section with the title "Create Access Key and Secret Key and End Point by following given steps:".   
The steps are:   
1. Open Amazon S3 with this link: <https://aws.amazon.com/>   
2. Go to the My Account and click on Security Credentials and Sign in to AWS as a Root user.   
3. In Access management section, click on Users.   
4. In Users section, click on Create user.   
5. In Specify user details section, enter user details like User name.   
NOTE: Keep the "Provide user access to the AWS Management Console – optional" unchecked, then proceed to Next.   
6. Under Set permissions section, in Permissions options, select "Attach policies directly" permission.   
7. In Permission Policies, check AmazonS3ReadOnlyAccess (if visible in list else search it) then proceed to Next.   
At the bottom right, there are three buttons: "< Back", "Next >" (highlighted with a red box), and "Cancel".

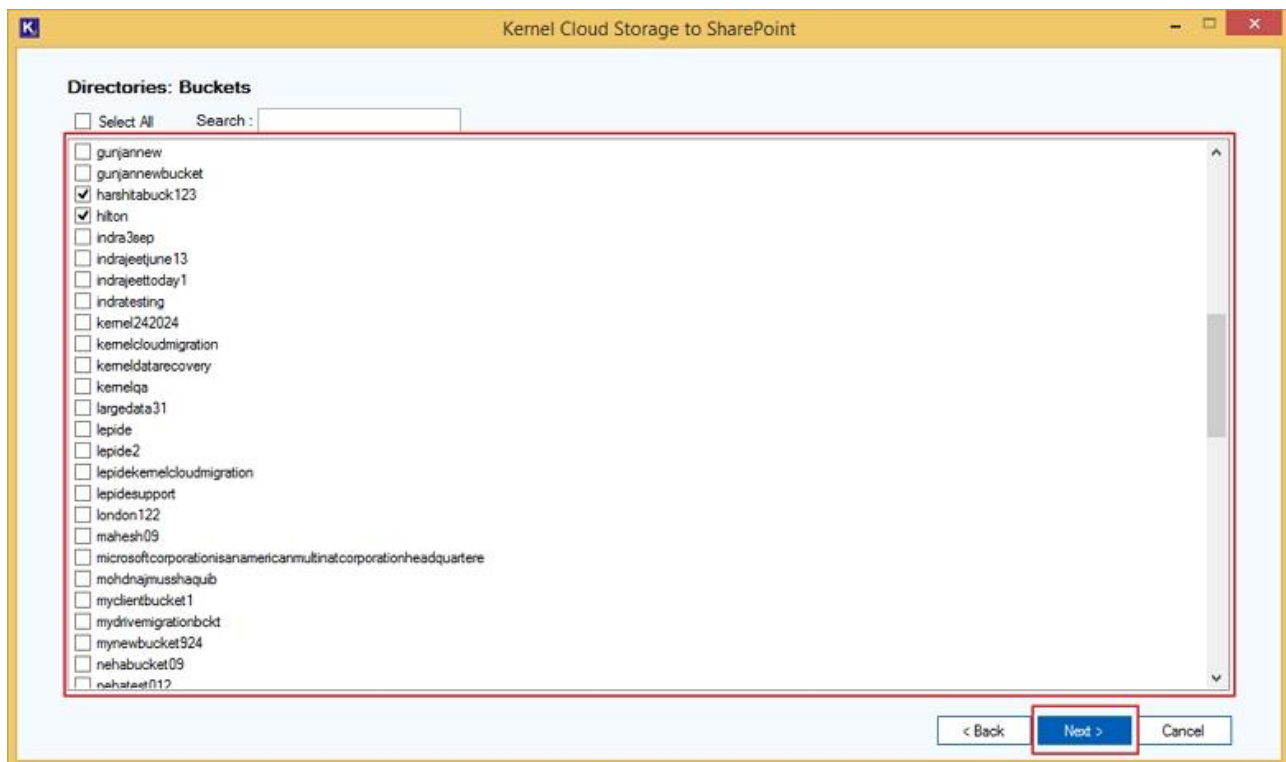
**Step 5:** On the prompt appearing on the screen with the message, “Do you want to save credential?” Select Yes if you want to escape from the hassle of logging in again for the same Amazon S3 account.



**Step 6:** Now on the Directories: Buckets screen, you can check the box saying Select All for selecting all the directories (buckets) of the Amazon S3 account for migration. You can also use the Search box to locate specific buckets you're looking for.

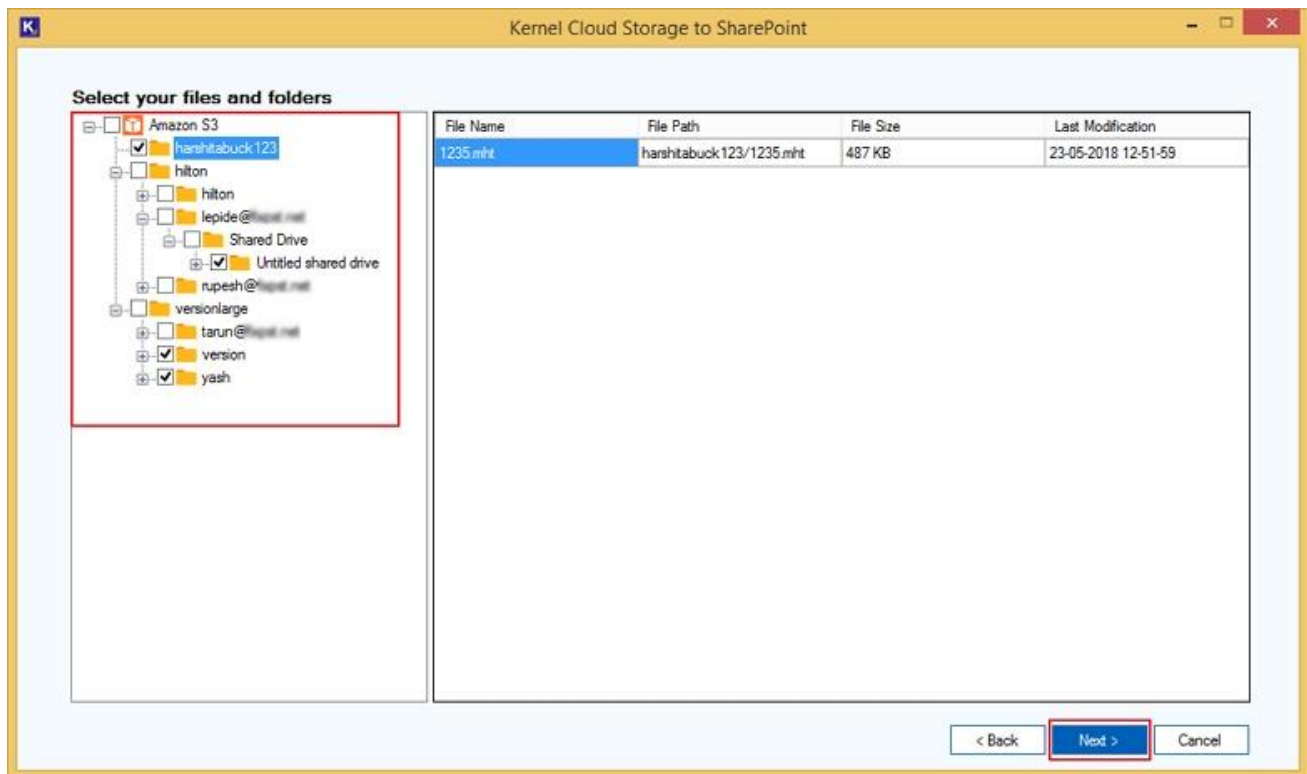


**Step 7:** Once you've selected desired AWS S3 buckets from the list, click Next.

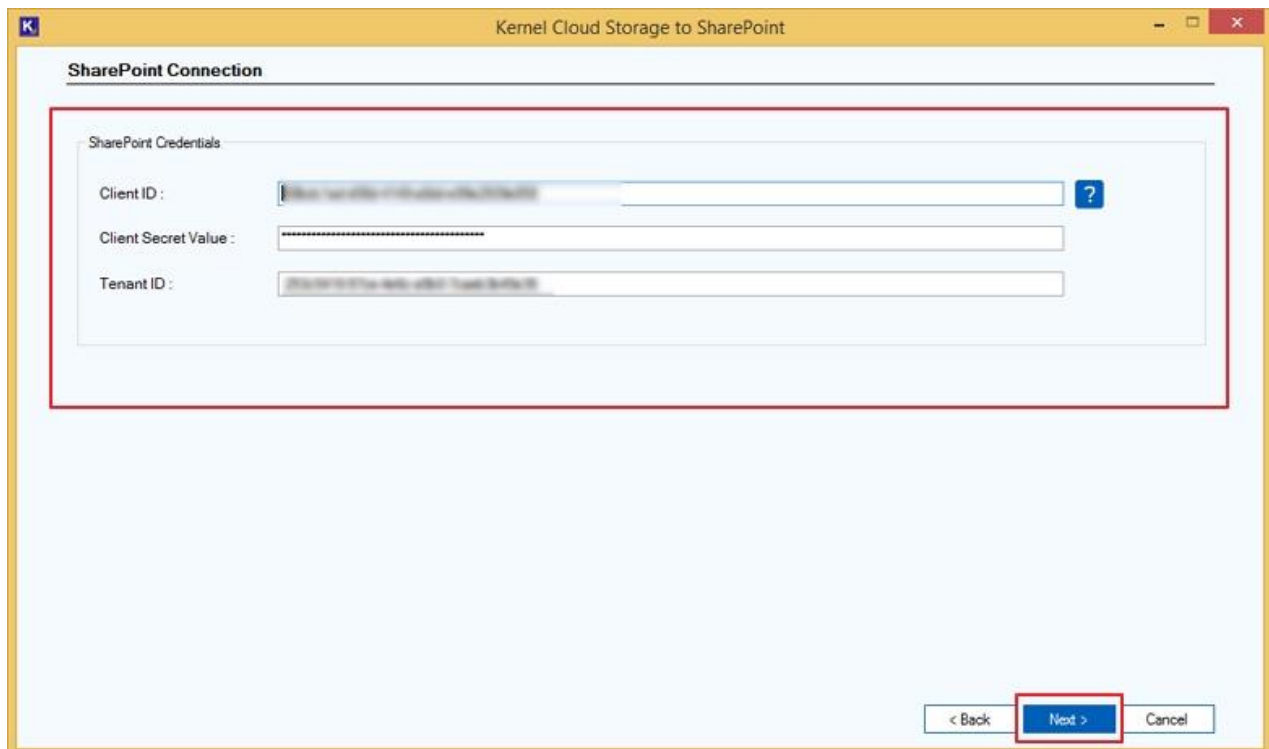


**Step 8:** Now, select your files and folders to migrate to SharePoint. Click on the + icon to expand the parent folders on the + icon to expand the parent folders

and then select sub folders and files to migrate data from Amazon S3 to SharePoint.



**Step 9:** Connect destination by providing the SharePoint Credentials as asked: Client ID, Client Secret Value, and Tenant ID.



**Step 10:** Once the destination SharePoint tenant is connected, select the destination site (s) from the Site Collection, where you want to migrate the data from Amazon S3. Once selected, click Next.

The screenshot shows a window titled "Kernel Cloud Storage to SharePoint" with a sub-header "Select Site Collection URL". Below the header, there is a "Select All" checkbox and a "Filter By:" dropdown menu set to "Site Name". A search bar to the right of the dropdown contains the text "test". Below the search bar, a table lists site collections. The table has three columns: "Site Collection URL", "Site Name", and "Accessibility". The first row is selected with a blue checkbox. The "Next >" button at the bottom right is highlighted with a red box.

Site Collection URL	Site Name	Accessibility
https://...om/sites/test3dec	test3dec	Success
https://...om/sites/Testtemp	Testtemp	Success
https://...om/sites/Testsubsite	Testsubsite	Success
https://...om/sites/Testteamste2dec	Testteamste2dec	Success
https://...om/sites/Testteamste3dec	Testteamste3dec	Success
https://...om/sites/Testteamstea	Testteamstea	Success
https://...om/sites/TestSiteTemplateC...	TestSiteTemplateChange2	Success
https://...om/sites/TestSiteTemplateC...	TestSiteTemplateChange1	Success
https://...om/sites/TestSite	TestSite	Success
https://...om/sites/testfrenchweb	testfrenchweb	Success
https://...om/sites/frenchwebtest	frenchwebtest	Success
https://...om/sites/Webtest1	Webtest1	Success
https://...om/sites/Testweb	Testweb	Success
https://...om/sites/Webtest	Webtest	Success
https://...om/sites/listwebtest	listwebtest	Success
https://...om/sites/Teamsitetest	Teamsitetest	Success
https://...om/sites/Backuptest	Backuptest	Success
https://...om/sites/Webparttest	Webparttest	Success

Total: 1537

< Back Next > Cancel

**Note:** Use the search bar to find the particular site you want in the destination from thousands of sites in the collection. You can also Filter the data by Site Name and Site URL.

Kernel Cloud Storage to SharePoint

### Select Site Collection URL

☐ Select All    Filter By: Site Name

	Site Collection URL	Site Name	Accessibility
<input checked="" type="checkbox"/>	https://www.sharepoint.com/sites/test3dec	test3dec	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/Indrajeet_classicex...	Indrajeet_classicexperience	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/privatetemp	privatetemp	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/Indrajeet_Comm_N...	Indrajeet_Comm_NoOffice365Group	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/Indrajeet_Teamste...	Indrajeet_Teamste_noOffice365	Success
<input checked="" type="checkbox"/>	https://www.sharepoint.com/sites/Testtemp	Testtemp	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/Teamsubsite	Teamsubsite	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/Testsubsite	Testsubsite	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/Classicteam3dec	Classicteam3dec	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/Classicteam2dec	Classicteam2dec	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/Testteamste2dec	Testteamste2dec	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/Testteamste3dec	Testteamste3dec	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/Testteamstea	Testteamstea	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/Teamste19	Teamste19	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/Classicteam	Classicteam	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/Indrajeet_List	Indrajeet_List	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/TestSiteTemplateC...	TestSiteTemplateChange2	Success
<input type="checkbox"/>	https://www.sharepoint.com/sites/TestSiteTemplateC...	TestSiteTemplateChange1	Success

Total: 1537

< Back    **Next >**    Cancel

**Step 11:** Map the source Amazon buckets with the destination sites according to the options given on the screen. Click on the dropdown Destination Site URL (Site Name) to select destination site to migrate. Mark the checkbox Select for Subsites to move data to SharePoint subsite.

Kernel Cloud Storage to SharePoint

### Map source and destination

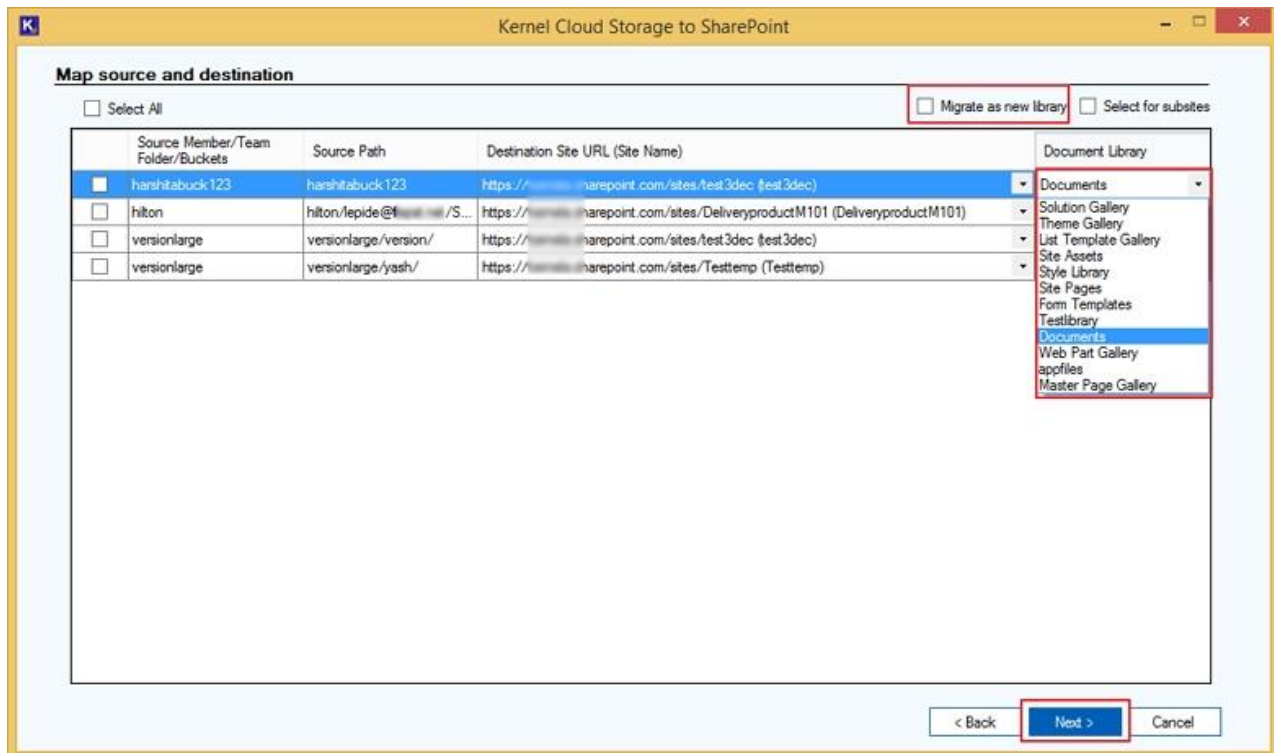
☐ Select All    ☐ Migrate as new library    ☒ Select for subsites

	Source Member/Team Folder/Buckets	Source Path	Destination Site URL (Site Name)	Document Library
<input checked="" type="checkbox"/>	hanshibuck123	hanshibuck123	https://www.sharepoint.com/sites/test3dec (test3dec)	Documents
<input type="checkbox"/>	hilton	hilton/lepide@.../S...	https://www.sharepoint.com/sites/DeliveryproductM101 (DeliveryproductM101)	Documents
<input type="checkbox"/>	versionlarge	versionlarge/version/	https://www.sharepoint.com/sites/test3dec (test3dec)	Documents
<input type="checkbox"/>	versionlarge	versionlarge/yash/	https://www.sharepoint.com/sites/Testtemp (Testtemp)	Documents

< Back    **Next >**    Cancel



**Step 12:** In the Document Library column, use the dropdown to select Document library where move your data to. Mark the checkbox Migrate as new library to move the data into a new document library.



**Step 13:** If you are looking to do more precise and selective AWS S3 to SharePoint migration, apply filters from the available range as follows:

- **If destination file already exist:** If the destination already has a file that you're trying to migrate perform the following actions.
  - Add as new version if the destination file is older than the source file
  - Skip if already exists
- **Include versions:** Mention if you want to include all versions of the file or want the most recent versions (specify count) of it in the destination data.
  - Include All Versions
  - Include most recent versions
- **Date Filters:** Specify a date range to extract specific data from Amazon S3 to SharePoint.
  - Start Date
  - End Date
- **File Filters:** Mention the file types to include or exclude certain from the migration.
  - Exclude File Type
  - Include File Type



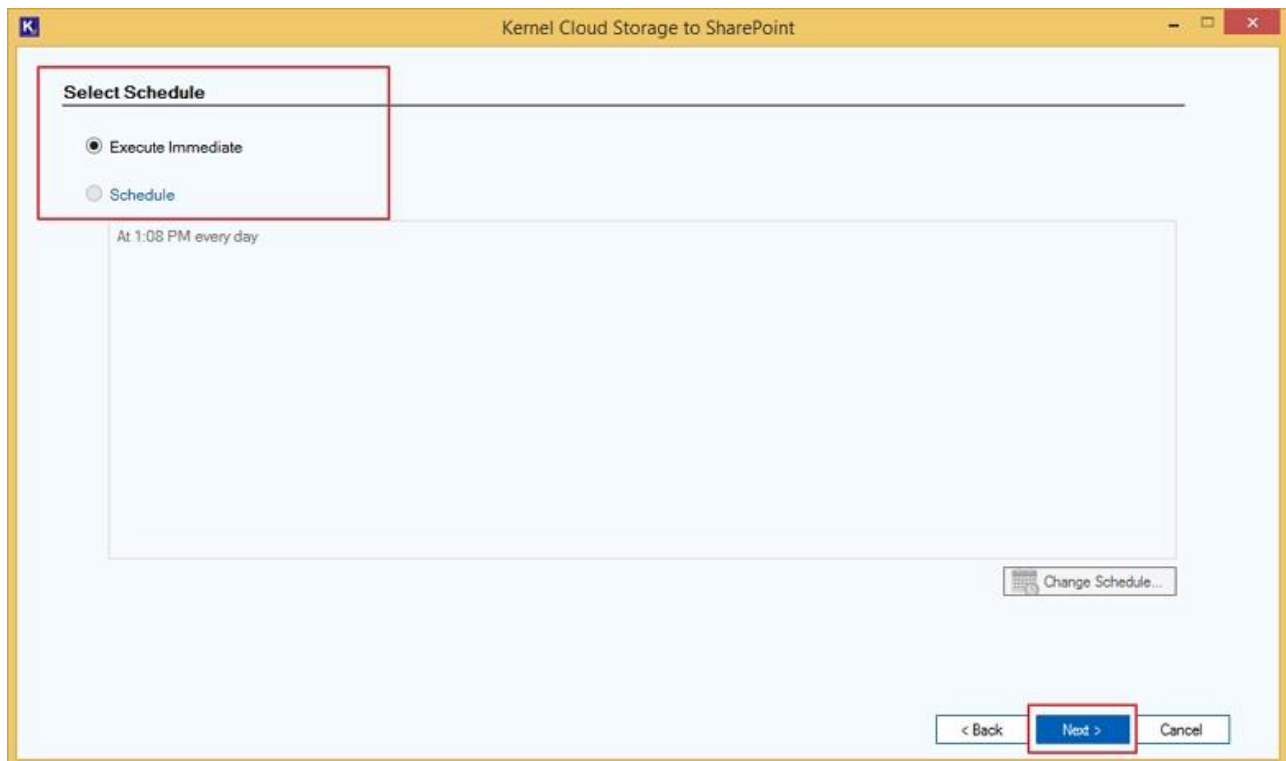
- Set an operation timeout for larger files while migrating

Apply required filters and click Next.

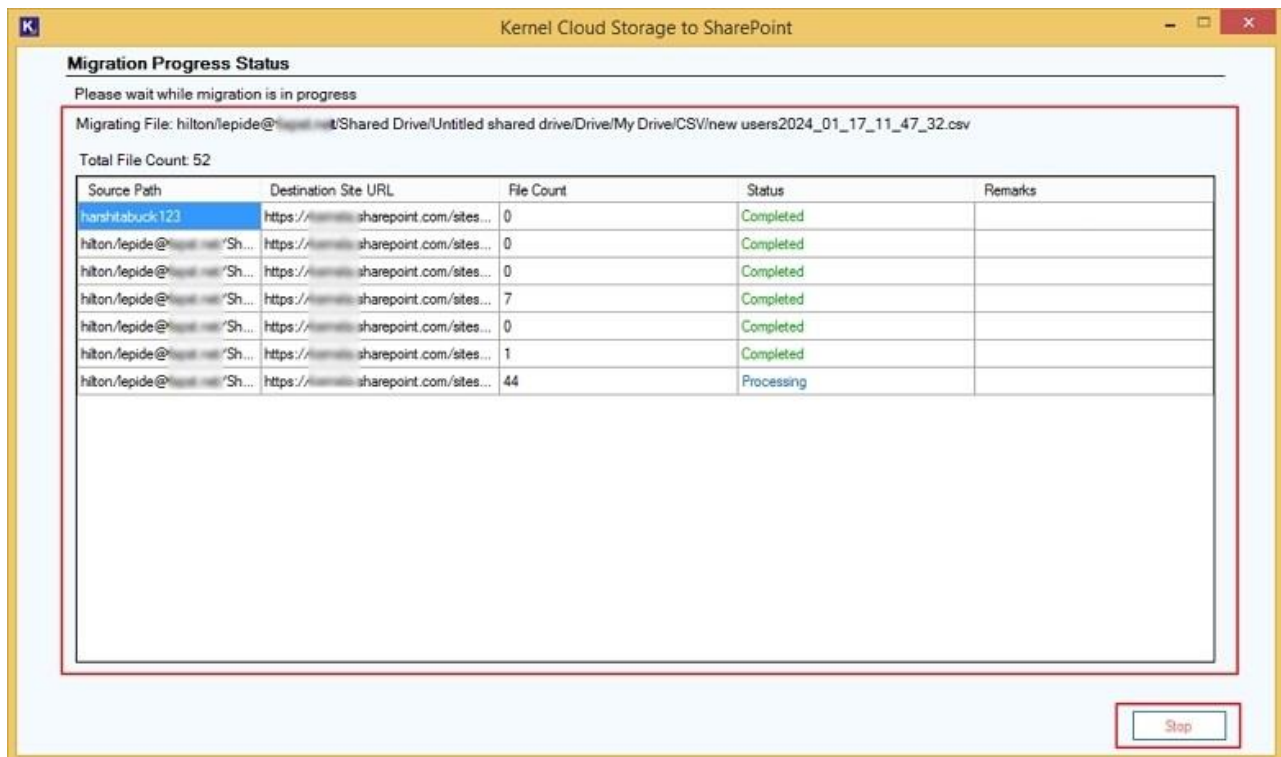
The screenshot shows a window titled "Kernel Cloud Storage to SharePoint" with a sub-header "Select Migration Option and Filter". The window contains the following elements:

- Instructions:** "All new files that do not exist at the destination will be seamlessly migrated to the destination. If a file with the same name already exists at the destination, its migration will proceed according to the option selected from the choices below:"
- Destination File Handling:** A section titled "If destination file already exist" with two radio buttons: "Add as new version if the destination file is older than the source file." (unselected) and "Skip if already exists" (selected).
- Include Versions:** A section with a radio button "Include Versions" (selected). It contains two options: "Include All Versions" (selected) and "Include most recent versions : 1" (with a dropdown arrow).
- Date Filters:** A checkbox "Date Filters" (unchecked). It includes "Start Date : Wednesday, December 4, 2024" and "End Date : Wednesday, December 4, 2024", both with calendar icons.
- File Filters:** A checkbox "File Filters" (unchecked). It includes two sections: "Exclude File Type : " with an example "\*doc,\*xls,\*pdf" and "Include File Type : " with an example "\*doc,\*xls,\*pdf".
- Timeout:** A label "Set an operation timeout for larger files while migrating : 40 Min" with a dropdown arrow.
- Navigation:** Buttons "< Back", "Next >" (highlighted with a red box), and "Cancel".

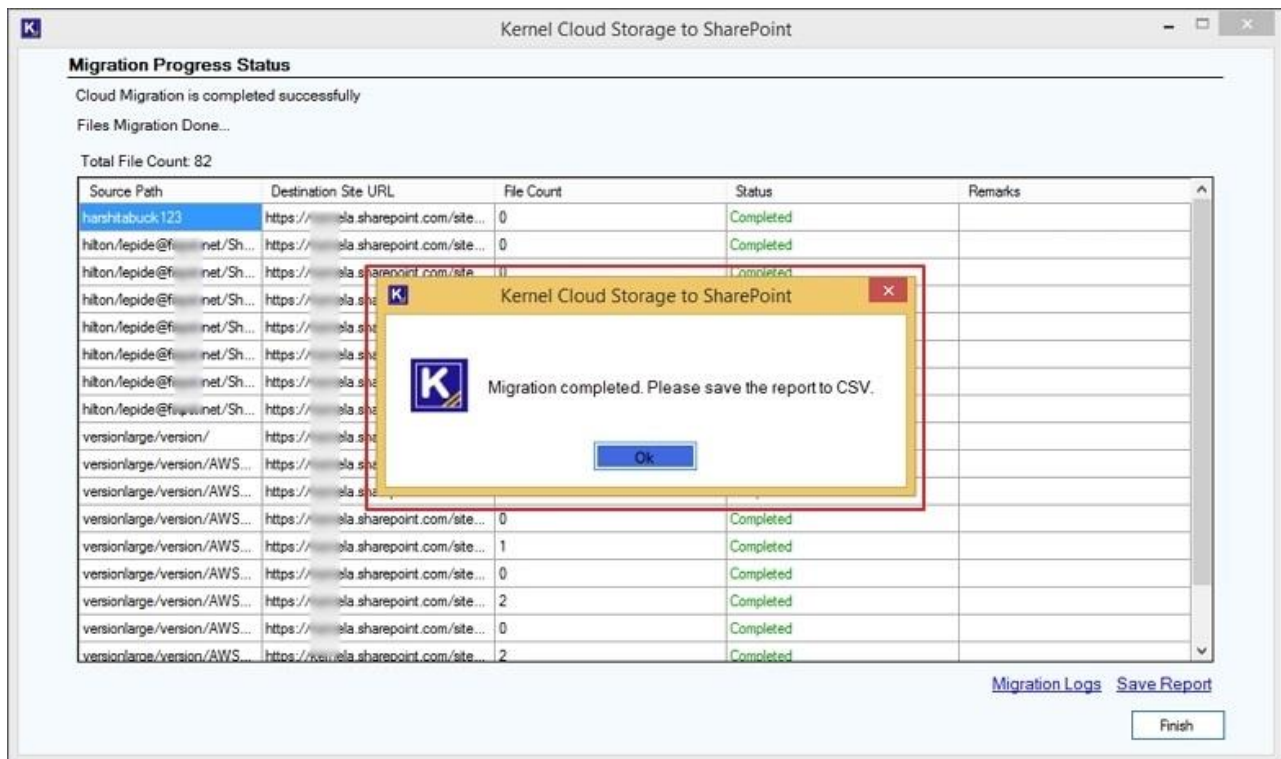
**Step 14:** You can run the process immediately by clicking on Execute Immediate radio button or adjust to run it later using the Schedule radio button. Click Next.



**Step 15:** This will begin the process, and you can see the complete Migration Progress Status in real time. Click Stop if you want to terminate the process before completion.



**Step 16:** Once the process is complete, click OK on the pop-up box saying "Migration completed. Please save the report to CSV."



**Step 17:** You can check Migration Logs and even save migration report to CSV file using the Save Report option. Once done, click Finish to exit the process.

