

## Episode Title: Transfer data and shares

### Objectives:

At the end of this episode, I will be able to:

1. Explain how to transfer data between servers
2. Use the robocopy tool for on-premises transfer
3. Identify an appropriate Azure tool to transfer data

### Key Points:

#### Key Point 1

There are several tools to move raw data from one server to another. The most simple and effective tool is a CLI tool named robocopy.

#### Key Point 2

You can use robocopy to transfer both NTFS and ReFS data, perform data deduplication, and keep the original directory structure and access control lists on the directories and files.

#### Key Point 3

If moving data to Azure, there are a number of tools available. For simple migrations, consider using the REST API. For large data transfers, consider using an Azure Data Box.

- If additional resources are used during the episode, they can be obtained using the download link on the overview episode (e.g. diagrams, no powerpoints)

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### External Resources:

If external resources were used during this episode, you can reference the following external resources for supplementary tools and information, if none were used, then this section will be blank:

- robocopy CLI tool  
: <https://learn.microsoft.com/en-us/windows-server/administration/windows-commands/robocopy>