Moving Items between Storage Accounts and Containers

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Move Items in Blob Storage

Copy items from source to target

Delete the source

Tools to Copy Items in Blob Storage

Azure CLI

AzCopy

.NET client library

Copy a Blob with the Azure CLI

```
az storage blob copy start
   --source-account-name storagepluralsight01
   --source-account-key 00000000
   --source-container images
   --source-blob thomas.jpg
   --account-name storagepluralsight02
   --account-key 00000000
   --destination-container pictures
   --destination-blob thomas.jpg
```

Copy a Container with the Azure CLI

```
az storage blob copy start-batch
   --source-account-name storagepluralsight01
   --source-account-key 00000000
   --source-container images

   --account-name storagepluralsight02
   --account-key 00000000
   --destination-container pictures
```

AzCopy Command-line Utility

```
azcopy copy
    "<source-path>"

    "<target-path>"
```

AzCopy Command-line Utility

```
azcopy copy

    "<source-path>"


    "<target-path>"


    --recursive=true
```

Upload a Local Folder

```
azcopy copy

    "C:\Documents"          ⬅ Prefixes blobs with "Documents"

    "https://storagepluralsight01.blob.core.windows.net/
        [container]?[SAS]"

    --recursive=true
```

Upload a Local Folder

```
azcopy copy

    "C:\Documents\*"          ⬅   Does NOT prefix blobs with "Documents"

    "https://storagepluralsight01.blob.core.windows.net/
        [container]?[SAS]"

    --recursive=true
```

Copy a Single Blob

```
azcopy copy

   "https://storagepluralsight01.blob.core.windows.net/
     [container]/[blob]?[SAS]"

   "https://storagepluralsight02.blob.core.windows.net/
     [container]/[blob]?[SAS]
```

Copy Blobs between Containers

```
azcopy copy

    "https://storagepluralsight01.blob.core.windows.net/
        [container]?[SAS]"

    "https://storagepluralsight02.blob.core.windows.net/
        [container]?[SAS]"

    --recursive=true
```

Copy Containers between Storage Accounts

```
azcopy copy

    "https://storagepluralsight01.blob.core.windows.net/
        ?[SAS]"

    "https://storagepluralsight02.blob.core.windows.net/
        ?[SAS]

    --recursive=true
```

Demo

Copy Blobs with AzCopy

What's Next?

Develop solutions that use Blob Storage

- Interact with data using the appropriate SDK
- Set and retrieve properties and metadata
- Implement data archiving and retention
- Implement hot, cool, and archive storage
- Move items in Blob Storage between storage accounts or containers

Take the next course in the AZ-204 path