Filename: microsoft-ms101-11-3-1-plan-for-microsoft-365-backup
ShowName: Microsoft 365 Mobility and Security
SubTitle: Exam MS-101
Topic: Manage Data Governance
EpisodeName: Plan for Microsoft 365 Backup
Description: Adam and Wes discuss the steps necessary to help you successfully plan for Microsoft 365 backup.

Plan for Microsoft 365 Backup

Manage Microsoft 365 Governance and Compliance (35-40%)

Manage Data Governance
• Configure Information Retention
• Plan for Microsoft 365 Backup
• Plan for Restoring Deleted Content
• Plan Information Retention Policies

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Plan for Microsoft 365 Backup

Exchange Online uses the same technologies found in Exchange Server.

Exchange Online uses the Exchange Server feature known as Database Availability Groups (DAGs) to replicate Exchange Online mailboxes to multiple databases in separate Microsoft datacenters.

In addition to having multiple copies of each mailbox database, the different datacenters enforce the data using replication (data resiliency). If one fails, the affected data are transferred to another data center with limited service interruption, and users experience seamless connectivity.

Want to know more about Exchange Online Data Resiliency in Office 365:

https://docs.microsoft.com/en-us/office365/Enterprise/office-365-exchange-data-resiliency

NOTE: Point in time restoration of mailbox items is out of scope for the Exchange Online service !!!

NOTE: Archive mailboxes have limits in some plans !!!!

https://docs.microsoft.com/en-us/office365/servicedescriptions/exchange-online-service-description/exchange-online-limits#mailbox-storage-limits

SharePoint & OneDrive

Microsoft backups the environment every 12 hours & retains data for 14 days.

Microsoft maintains SharePoint Online services in two geographically dispersed datacenters.

Additional capabilities include:

```
• Document Versioning

• Site level recycle bin keeps data for 93 days then deletes it permanently

• Site Collection level recycle bin keeps data for up to 93 days then deletes
```

it permanently - based on amount of time spent in site level recycle bin BEFORE being deleted

```
• OneDrive file restore capability runs 30 days out

• OneDrive has a recycle bin that stores data for up to 93 days
```

What are the PowerShell commands I need to know for Exchange Online Data Backups?

```
Get-Mailbox -Identity "insert user name here" | select RetainDeletedItemsFor


Set-Mailbox -Identity "insert user name here" -RetainDeletedItemsFor 30


Get-Mailbox -ResultSize unlimited -Filter {(RecipientTypeDetails -eq "UserMailbox")} | Set-Mailbox -RetainDeletedItemsFor 30
```

What are the PowerShell commands I need to know for Creating Archive Mailboxes in Exchange Online?

To check all mailboxes for their current archiving status:

```
Get-Mailbox -Filter {ArchiveStatus -eq "None" -AND RecipientTypeDetails -eq "UserMailbox"} | Select Name,*ArchiveSt*
```

To enable archiving for a single mailbox:

```
Enable-Mailbox -Identity "insert user name here" -Archive
```

To enable archiving for ALL mailboxes at once:

```
Get-Mailbox -Filter {ArchiveStatus -eq "None" -AND RecipientTypeDetails -eq "UserMailbox"} | Enable-Mailbox -Archive
```

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Plan for Restoring Deleted Content

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Restoring deleted content via Outlook

Restoring purged items in the Exchange Admin Center

Restoring deleted items in SharePoint using the Recycle Bin

Restoring deleted items in OneDrive using the Recycle Bin

Restoring a deleted user's OneDrive (30 day window) - PowerShell Activate !!

Restoring OneDrive to a previous date
```