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1. How many types of mailbox migration methods are available?

Cutover/Express	✓ Migrate **all mailboxes at once** (cutover migration) ✓ **Exchange 2003-2013** only ✓ If there are fewer than **2000 mailboxes.** ✓ Recommended to migrate **150 users or less.** ✓ Migrate all **emails, contacts, calendars, tasks**
Staged	✓ Migrate **all mailboxes** at an **interval of few days/weeks** ✓ **Exchange 2003-2007** only ✓ If there are more than **2,000 mailboxes** but single batch max **2000 mailbox** ✓ Migrate all **emails, contacts, calendars, tasks** ✓ 30-days time to assign license after migration.
Hybrid	✓ To maintain both **on-premises** and **online mailboxes** ✓ Gradually migrate users and email to Microsoft 365 or Office 365 ✓ **Exchange 2010-2019** ✓ **150-2,000 mailboxes** ✓ Migrate all **emails, contacts, calendars, tasks**
IMAP	✓ From third-party mails server such as gmail, yahoo etc ✓ Migrate only **emails,** not contacts & calendars & tasks ✓ Max **500,000 mailboxes** ✓ Max **365 MB** per message ✓ Need to create mailbox in EAC before starting migration process
G-Suite	✓ Similar service like Exchange online from Googlesss ✓ Migrate only **emails,** not contacts & calendars ✓ Account owners must create an **app password** to access their account. This is because Google considers Outlook to be a less secure app and will not allow a connection to it with a password alone.

2. Explain the difference between migration types.

Cutover/Express	Staged	Hybrid
Exchange 2003-2013	Exchange 2003-2007	Exchange 2010-2019
Small organization	Medium organization	Large organization
Less than 2000 mailboxes (less than 150 mailboxes recommended)	More than 2000 mailboxes (a single batch 2000 maximum)	150-2000 mailboxes
All at once	Every after certain interval	Both Exchange Server & Online

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3. How to create an endpoint for migration in Exchange Online Admin Center?

✓ **Step 1: Create a migration endpoint**
  o Prior to performing on-boarding and off-boarding remote move migrations in an Exchange hybrid deployment, we recommend that you create Exchange remote migration endpoints. The migration endpoint contains the connection settings for an on-premises Exchange server that is running the MRS proxy service, which is required to perform remote move migrations to and from Exchange Online.

✓ **Step 2: Enable the MRSProxy service**
  o If the MRSProxy service isn't already enabled for your on-premises Exchange servers, follow these steps in the Exchange admin center (EAC):

✓ **Step 3: Use the EAC to move mailboxes**
  o You can use the remote move migration wizard on the Office 365 tab in the EAC on an Exchange server to either move existing user mailboxes in the on-premises organization to the Exchange Online organization or to move Exchange Online mailboxes to the on-premises organization. Choose one of the following procedures:

✓ **Step 4: Remove completed migration batches**
  o After your mailbox moves have completed, we recommend removing the completed migration batches to minimize the likelihood of errors if the same users are moved again.

✓ **Step 5: Re-enable offline access for Outlook on the web**
  o Offline access in Outlook on the web lets users access their mailbox when they're not connected to a network. If you migrate Exchange mailboxes to Exchange Online, users have to reset the offline access setting in their browser to use Outlook on the web offline.

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4. Explain the process to initiate IMAP/Cutover/Staged migration?

No	IMAP	Cutover	Staged
01	Add users and assign license	Prepare	Prepare
02	Prepare IMAP server and get information	Verify domain (TXT)	Verify domain (TXT)
03	Communicate changes to users IMAP		**Use directory synchronization to user**
04	Setup admin credentials or get or reset user email password from IMAP server		**Create a list of mailboxes**
05	Create list of mailboxes to migrate (CSV file)	Create Mail enabled Security Group	
06	Connect office 365 to email system	Connect Microsoft 365 to email system	Connect Microsoft 365 to email system
07	Migrate mailboxes	Migrate mailboxes	Migrate mailboxes
08	Routing email to O365 (MX)	Routing email to O365 (MX)	Routing email to O365 (MX)
09	Verify routing, then stop email synchronization	Delete the cutover migration batch	Delete the cutover migration batch
10		Assign licenses	Assign licenses
11	Welcome letter to users	Welcome letter to user	Welcome letter to user

5. Which items can or cannot be migrated using IMAP migration?

IMAP	✓ From third-party mails server such as gmail, yahoo etc ✓ Migrate only **emails,** not contacts & calendars & tasks ✓ Max **500,000 mailboxes** ✓ Max **35 MB** per message ✓ Need to create mailbox in EAC before starting migration process

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6. Name the port numbers that are required in hybrid deployment.

PORT	DESCRIPTION	ON-PREMISES ENDPOINT	
TCP 25 (SMTP)	SMTP mail flow between Microsoft 365 and on-premises Exchange	Exchange 2016, 2019	Mailbox/Edge
		Exchange 2013	CAS/Edge
		Exchange 2010	Hub/Edge
TCP 443 (HTTPS)	Autodiscover	Exchange 2016, 2019	Mailbox server: /autodiscover/autodiscover.svc/wssecurity
		Exchange 2010, 2013	CAS: /autodiscover/autodiscover.svc
TCP 443 (HTTPS)	Free/busy, MailTips, and message tracking (EWS)	Exchange 2010 - 2019	CAS: /ews/exchange.asmx/wssecurity
TCP 443 (HTTPS)	Multi-mailbox search (EWS)	Exchange 2010 - 2019	CAS: /ews/exchange.asmx/wssecurity /autodiscover/autodiscover.svc/wssecurity /autodiscover/autodiscover.svc
TCP 443 (HTTPS)	Mailbox migrations (EWS)	Exchange 2010 - 2019	CAS: /ews/mrsproxy.svc
TCP 443 (HTTPS)	OAuth (Autodiscover and EWS)	Exchange 2010 - 2019	CAS: /ews/exchange.asmx/wssecurity /autodiscover/autodiscover.svc/wssecurity /autodiscover/autodiscover.svc
TCP 443 (HTTPS)	AD FS (Windows Server)	Windows 2012 R2/2016	Server: /adfs/*
TCP 443 (HTTPS)	AAD Connect	Windows 2012 R2/2016	Server (AD FS): /adfs/*

7. What is HCW?

HCW	✓ Hybrid Configuration Wizard ✓ To deploy hybrid environment ✓ To configure your local domain and Office 365 tenant, so that on-premises Exchange can merge with Exchange Online, resulting in the creation of a single, hybrid organization. ✓ Need Credential of an On-premises Exchange user who is a member of the Domain Admin security group. ✓ Credential of the Office 365 Global Administration Office 365 plan which supports hybrid deployment (Enterprise, Government, Academic or Midsize) ✓ Can be downloaded only with Internet Explorer