Prerequisite of Azure Migrate and Azure Replication Appliance

| **Requirement** | **Details** |
| --- | --- |
| **Appliance** | You need a server to run the Azure Migrate appliance. The server should have:  - Windows Server 2022 or 2019 installed. *(The deployment of appliance is supported on Windows Server 2022 (recommended) or Windows Server 2019.)*  - 16-GB RAM, 8 vCPUs, around 80 GB of disk storage  - A static or dynamic IP address, with internet access, either directly or through a proxy.  - Outbound internet connectivity to the required [URLs](https://learn.microsoft.com/en-us/azure/migrate/migrate-appliance#url-access) from the appliance. |
| **Windows servers** | Allow inbound connections on WinRM port 5985 (HTTP) for discovery of Windows servers.  To discover ASP.NET web apps running on IIS web server, check [supported Windows OS and IIS versions](https://learn.microsoft.com/en-us/azure/migrate/migrate-support-matrix-vmware#web-apps-discovery-requirements). |
| **Linux servers** | Allow inbound connections on port 22 (TCP) for discovery of Linux servers.  To discover Java web apps running on Apache Tomcat web server, check [supported Linux OS and Tomcat versions](https://learn.microsoft.com/en-us/azure/migrate/migrate-support-matrix-vmware#web-apps-discovery-requirements). |
| **SQL Server access** | To discover SQL Server instances and databases, the Windows or SQL Server account [requires these permissions](https://learn.microsoft.com/en-us/azure/migrate/migrate-support-matrix-physical#configure-the-custom-login-for-sql-server-discovery) for each SQL Server instance. You can use the [account provisioning utility](https://learn.microsoft.com/en-us/azure/migrate/least-privilege-credentials) to create custom accounts or use any existing account that is a member of the sysadmin server role for simplicity. |

**To Create Azure Account**

To register the Azure Migrate Appliance, user will need

* Contributor or Owner permissions on an Azure subscription.
* Permissions to register Microsoft Entra apps.
* Privileged Role Administrator to assign the “Application Developer role” to the account to allow Microsoft Entra app registration by users.