



Microsoft Entra ID Connect

Service Overview



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Agenda

- **What is Entra ID Connect?**
- **Features of Entra ID Connect**
- **Why to use Entra ID Connect?**
- **Express Installation vs Custom Installation**
- **About Company**



Microsoft Entra ID Connect

Entra ID Connect is a bridge solution between an organization's on-prem Active Directory instance and cloud-based Entra ID. Entra ID Connect enables IT admins to federate on-prem user identities to the Azure platform. It's a good way to enable single sign-on (SSO) without having to set up an Active Directory Federation Services (ADFS) instance.

Seamless Identity Synchronization

Hybrid Identity & Authentication

Enhanced Security & Management

Features of Microsoft Entra ID Connect

● Password hash synchronization

A sign-in method that synchronizes a hash of a user's on-premises AD password with Entra ID

● Pass-through authentication

A sign-in method that allows users to use the same password on-premises and in the cloud, but doesn't require the additional infrastructure of a federated environment

● Federation integration

Federation is an optional part of Entra ID Connect and can be used to configure a hybrid environment using an on-premises AD FS infrastructure. It also provides AD FS management capabilities such as certificate renewal and additional AD FS server deployments

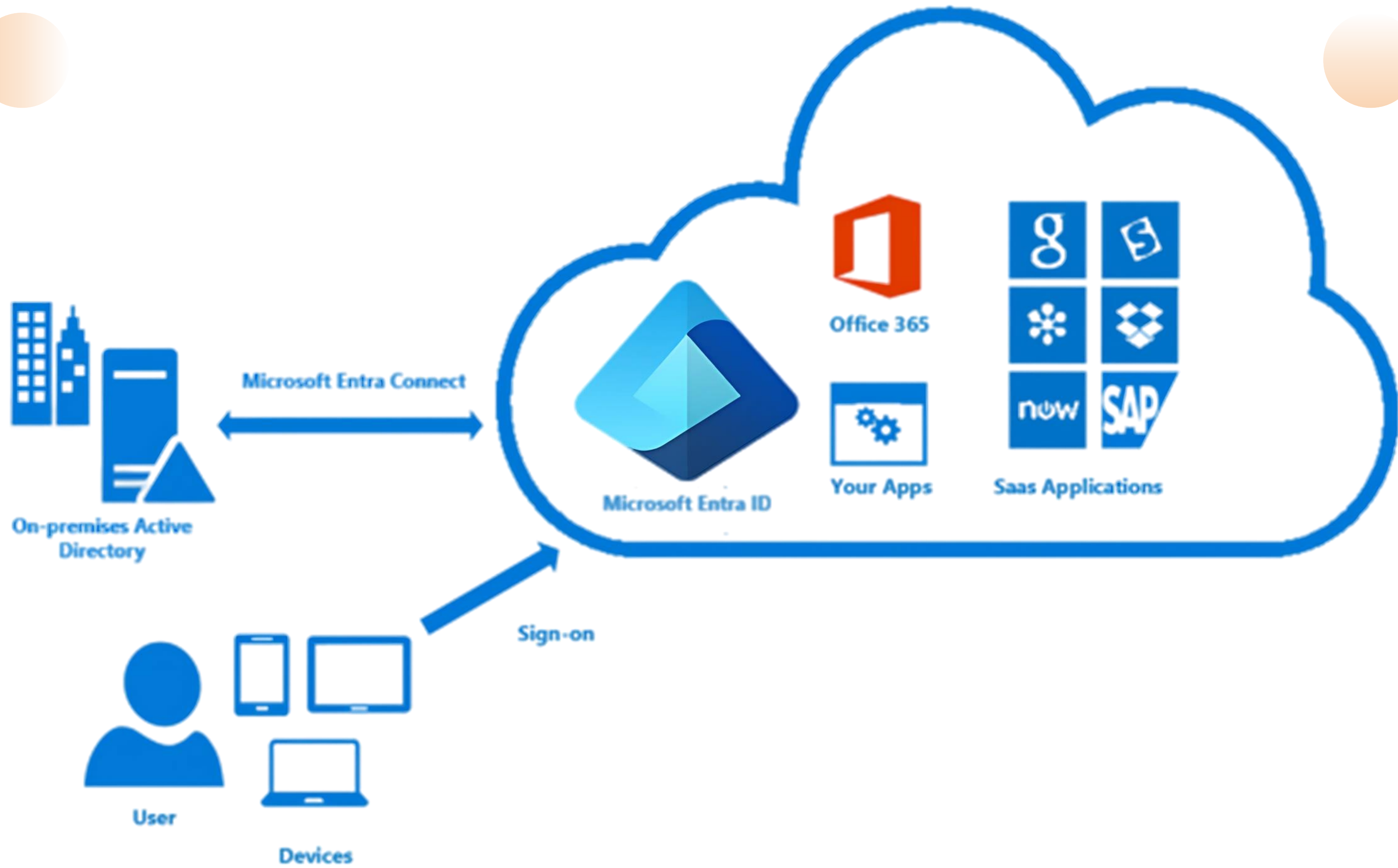
● Health Monitoring

Entra ID Connect Health can provide robust monitoring and provide a central location in the Azure portal to view this activity

● Synchronization

Responsible for creating users, groups, and other objects. As well as, making sure identity information for your on-premises users and groups is matching the cloud. This synchronization also includes password hashes



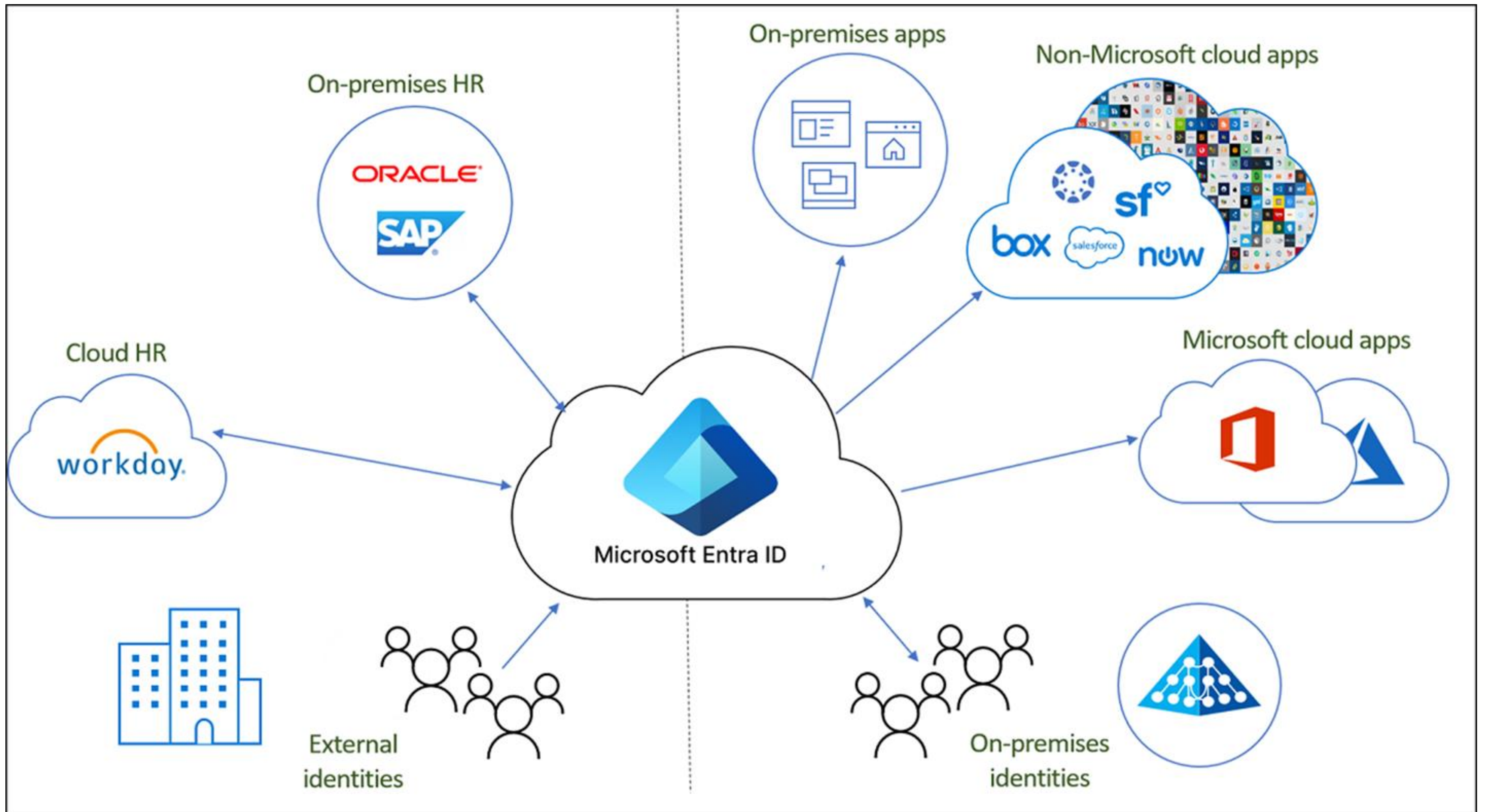




Why to use Entra ID Connect

Integrating your on-premises directories with Entra ID makes your users more productive by providing a common identity for accessing both cloud and on-premises resources. Users and organizations can take advantage of:

- Users can use a single identity to access on-premises applications and cloud services such as Microsoft 365
- Single tool to provide an easy deployment experience for synchronization and sign-in
- Provides the newest capabilities for your scenarios. Entra ID Connect replaces older versions of identity integration tools such as DirSync and Azure AD Sync. For more information, see [Hybrid Identity directory integration tools comparison](#)



Express Installation

Express is the most common option and is used by about 90% of all new installations. It was designed to provide a configuration that works for the most common customer scenarios.

It assumes:

- You have a single Active Directory forest on-premises
- You have an enterprise administrator account you can use for the installation
- You have less than 100,000 objects in your on-premises Active Directory

You get:

- Password hash synchronization from on-premises to Entra ID for single sign-on
- A configuration that synchronizes users, groups, contacts, and Windows 10 computers
- Synchronization of all eligible objects in all domains and all OUs
- Automatic upgrade is enabled to make sure you always use the latest available version

VS

Custom Installation

The customized path allows many more options than express. It should be used in all cases where the configuration described in previous section for express is not representative for your organization.

Use when:

- You do not have access to an enterprise admin account in Active Directory
- You have more than one forest or you plan to synchronize more than one forest in the objects and need to use a full SQL future
- You have domains in your forest not reachable from the Connect server
- You plan to use federation or pass-through authentication for user sign-in
- You have more than 100,000 Server
- You plan to use group-based filtering and not only domain or OU-based filtering



About Company

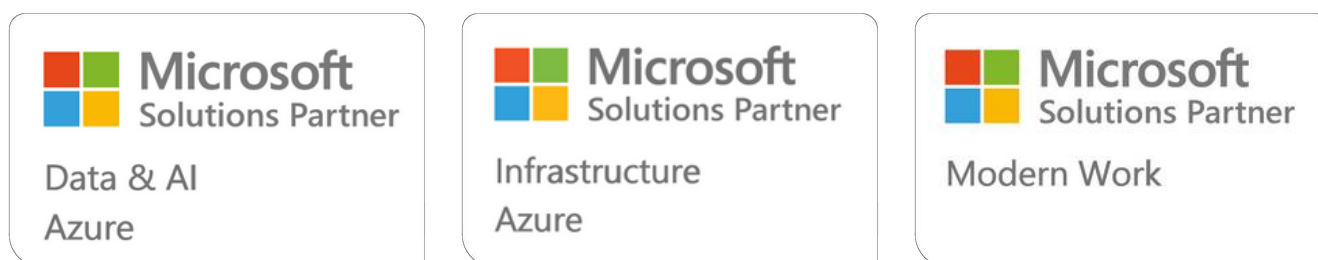
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Driving Innovation Through Partnership

We blend our extensive expertise with Microsoft's advanced solutions to craft results that not only meet our customers' specific needs but also drive transformative outcomes.

Expertise as a Microsoft Solutions Partner

Our Solutions Partner designation from Microsoft reflects our commitment to delivering exceptional results in Azure Infrastructure, Azure Data & AI, and Modern Work.

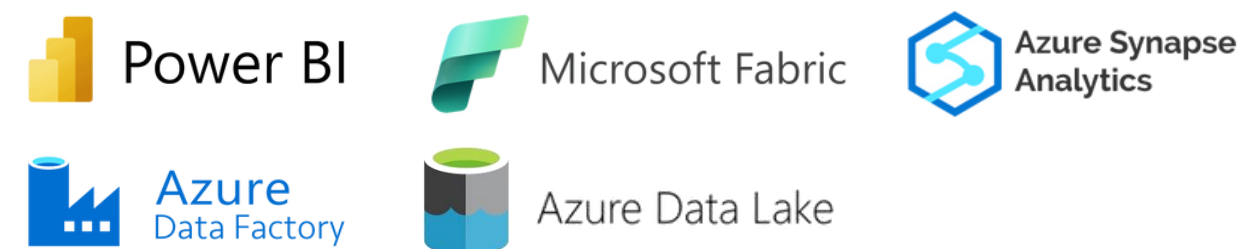


Global Success and Proven Track Record

With a proven track record of delivering exceptional results, we serve clients worldwide, helping them achieve their business goals through tailored solutions.

Expertise in Azure and Data Solutions

Enable us to deliver innovative solutions that optimize data management, analytics, and cloud integration, empowering businesses to make informed decisions and drive growth.





Thank You

Over the years, we have helped many organisations to digitally transform business processes, drive insights from business data and implement an efficient, secure, and scalable IT Infrastructure using the power of technology innovations. We are eager to connect with you and add value.



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