

What is federation with Microsoft Entra ID? - Microsoft Entra ID

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Federation is a collection of domains that have established trust. The level of trust may vary, but typically includes authentication and almost always includes authorization. A typical federation might include several organizations with established trust for shared access to a set of resources.

You can federate your on-premises environment with Microsoft Entra ID and use this federation for authentication and authorization. This sign-in method ensures that all user authentication occurs on-premises. This method allows administrators to implement more rigorous levels of access control. Federation with AD FS and PingFederate is available.



Federated identity

Tip

If you decide to use Federation with Active Directory Federation Services (AD FS), you can optionally set up password hash synchronization as a backup in case your AD FS infrastructure fails.

Next Steps

- [What is hybrid identity?](#)
- [What is Microsoft Entra Connect and Connect Health?](#)
- [What is password hash synchronization?](#)
- [What is federation?](#)
- [What is single-sign on?](#)
- [How federation works](#)
- [Federation with PingFederate](#)

Source: <https://docs.microsoft.com/en-us/azure/active-directory/hybrid/whatis-fed>