



Azure AD Custom Domains

Azure AD custom domains allow organizations to use their own domain names, such as yourcompany.com, instead of the default onmicrosoft.com domain provided by Azure AD. Here's a brief overview:

1. **Custom Branding:** Using custom domains helps organizations maintain brand consistency by using their own domain names for user sign-in and other Azure AD services.
2. **User Authentication:** Custom domains enable users to sign in with familiar domain names, which can improve user experience and trust.
3. **Unified Sign-On:** Azure AD supports single sign-on (SSO) across cloud-based and on-premises applications using custom domains, providing a seamless sign-in experience for users.
4. **Email Communication:** Custom domains can be used for email communication within Azure AD, allowing organizations to send emails with branded domain names.
5. **Directory Integration:** Custom domains can be integrated with Azure AD directories, allowing organizations to manage user identities and access controls using their own domain names.
6. **Security and Compliance:** Azure AD custom domains support security features such as multi-factor authentication (MFA) and conditional access policies, helping organizations enforce security and compliance requirements.

Overall, Azure AD custom domains offer flexibility, branding opportunities, and improved user experience for organizations using Azure AD services. They are essential for organizations looking to maintain their brand identity and provide a seamless user authentication experience across Azure AD-integrated applications and services.

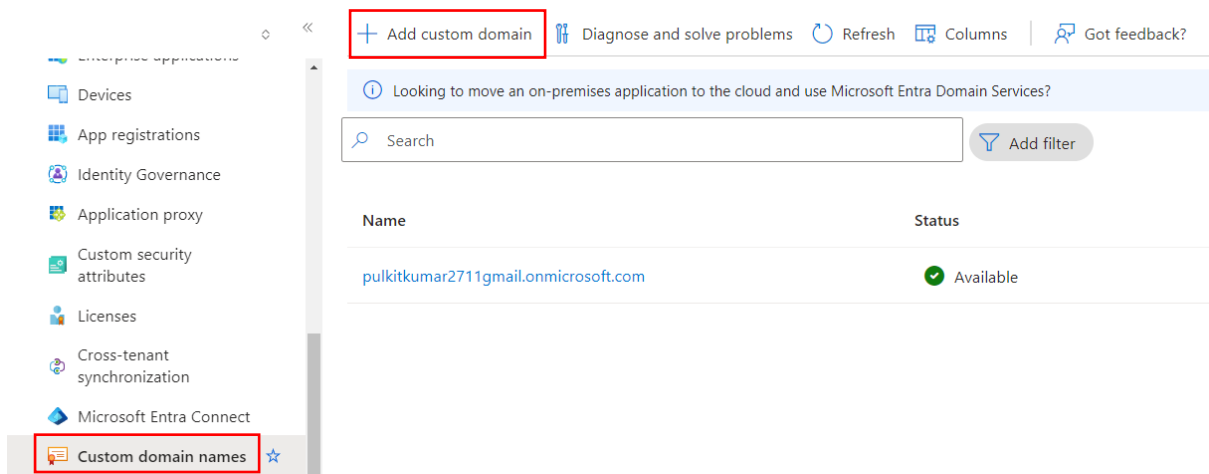
In this lab, we're setting up Azure AD custom domains using a domain from a domain service provider like GoDaddy. The end goal is to enable organizations to use their own domain names for user authentication and other Azure AD services. This enhances branding, improves user experience, and ensures consistency across Azure AD-integrated applications and services. By completing the steps outlined in the lab, organizations can establish a seamless authentication experience for their users while maintaining control over their domain identities within the Azure environment.



To begin with the Lab:

1. The prerequisite for the lab is that you should be having a domain name with any of the domain service providers.
2. I have a domain from GoDaddy.com which I'll be using for this lab.
3. Now in your Microsoft Entra ID from your default directory expand the Manage tab and scroll down to custom domain names.

Default Directory | Custom domain names



Enterprise applications

Devices

App registrations

Identity Governance

Application proxy

Custom security attributes

Licenses

Cross-tenant synchronization

Microsoft Entra Connect

Custom domain names

+ Add custom domain

Diagnose and solve problems

Refresh

Columns

Got feedback?

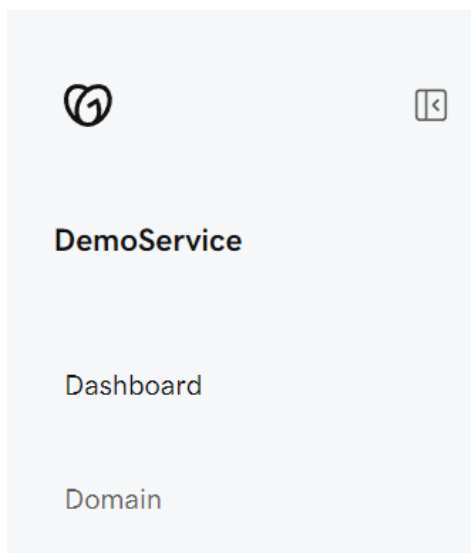
Looking to move an on-premises application to the cloud and use Microsoft Entra Domain Services?

Search

Add filter

Name	Status
pulkitkumar2711gmail.onmicrosoft.com	Available

4. Here you can see that we have a predefined name which is our email ID.
5. But we change it, for that we need to click on Add Custom Domain.
6. Below you can see our domain which is cloudservicesdemo.in copy this name.



DemoService

cloudservicesdemo.in

Dashboard

Domain

7. Then add that domain.

Custom domain na... ✕

Default Directory

Custom domain name * ⓘ

cloudservicesdemo.in

8. After that it will ask you to verify it. To verify your domain, below you can see that it has given us the alias and the destination.

[Home](#) > [Default Directory](#) | [Custom domain names](#) >

cloudservicesdemo.in ...

Custom domain name



Delete



Got feedback?



To use cloudservicesdemo.in with your Microsoft Entra tenant, create a new TXT record with your domain name registrar using the info below.

Record type

TXT

MX

Alias or host name

@



Destination or points to address

MS=ms18321355



TTL

3600



[Share these settings via email](#)

Verify

9. In GoDaddy open your domain, go to its DNS Management, and then look for DNS Records. Then click on Add New Record.

DNS Management

cloudservicesdemo.in



Domain Settings

Select a different domain

DNS Records

Forwarding

Nameservers

Premium DNS

Hostnames

DNSSEC

NEW

Crypto Wallet

DNS records define how your domain behaves, like showing your website content and delivering your email.

Add New Record

10. Then there in type choose TXT and in Name give the @ after that copy the value from the Azure portal. For TTL choose custom then give the same number of seconds as shown below or copy them from the Azure portal. Just click on save.

DNS Records Forwarding Nameservers Premium DNS Hostnames DNSSEC **NEW** Crypto Wallet

DNS records define how your domain behaves, like showing your website content and delivering your email.

New Records

[TXT records](#) are used to verify domain ownership, SSL verification, and [email sender policies](#).

Type * Name * Value * TTL

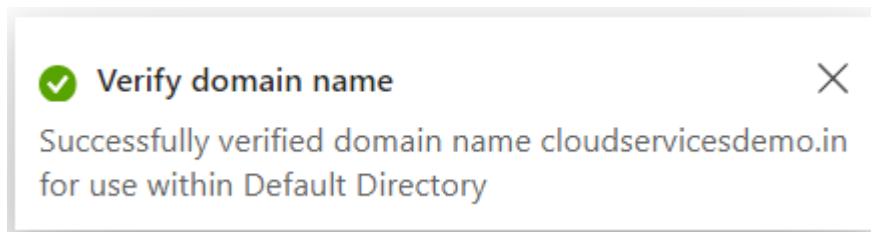
TXT @ MS=ms92291161 Custom

Seconds

3600

Add More Records **Save** **Cancel**

11. After that come back to the Azure portal and click on Verify. Then you will get the message that verification was successful.



12. You can see your domain here also.

Home > Default Directory

Default Directory | Custom domain names

+ Add custom domain Diagnose and solve problems Refresh Columns Got feedback?

Looking to move an on-premises application to the cloud and use Microsoft Entra Domain Services?

Search Add filter

Name	Status	Federated	Primary
cloudservicesdemo.in	Verified		
pulkitkumar2711@gmail.onmicrosoft.com	Available		✓


13. Now you need to users from default directory and try to create a new user.

14. Below you can see that now you can change your own custom domain.

Create new user ...

Create a new internal user in your organization

Basics Properties Assignments Review + create

Create a new user in your organization. This user will have a user name like alice@contoso.com. [Learn more](#) 


Identity

User principal name *

@

cloudservicesdemo.in

▼



pulkitkumar2711gmail.onmicrosoft.com

cloudservicesdemo.in


Mail nickname *

User3

☒ Derive from user principal name

Display name *

Password *



☒ Auto-generate password

Account enabled ⓘ

☒

15. Now to clean up, from custom directory go to custom domain names. Here choose your domain and click on delete.

[Home](#) > [Default Directory | Custom domain names](#) >

cloudservicesdemo.in ...

Custom domain name

✓ Make primary



Delete

Type	Custom
Status	Verified
Federated	No
Primary domain	No
In use	No