

# 1. How to create a azure DNS zone and add a custom domain for azure AD

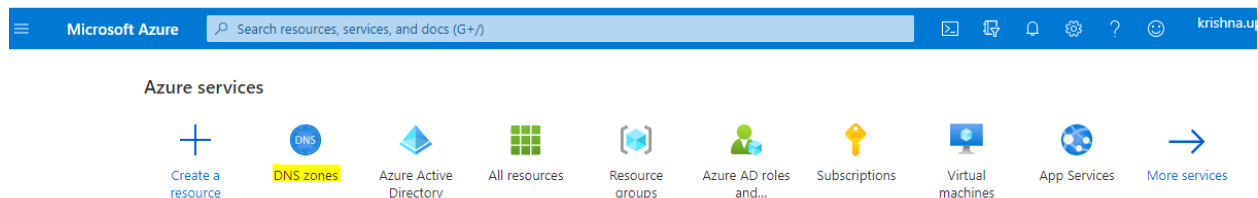
## Create a DNS zone

A DNS zone contains the DNS entries for a domain. To start hosting your domain in Azure DNS, you create a DNS zone for that domain name.

## To create the DNS zone:

To create a DNS zone we need subscription and resource group in azure.

1. In the search tap type the DNS zone and search for it.



2. Click on the Icon of DNS zone and create a new DNS zone
3. On the Create DNS zone page, type or select the following values:
  - a. Name: Type test.sigmetic.com for this quickstart example. The DNS zone name can be any value that is not already configured on the Azure DNS servers. A real-world value would be a domain that you bought from a domain name registrar.
  - b. Resource group: Select Create new, enter ADMINISTRATION, and select OK. The resource group name must be unique within the Azure subscription.
4. select Review and create

Microsoft Azure

Search resources, services, and docs (G+)

Home >

Create DNS zone

Basics

Tags

Review + create

A DNS zone is used to host the DNS records for a particular domain. For example, the domain 'contoso.com' may contain a number of DNS records such as 'mail.contoso.com' (for a mail server) and 'www.contoso.com' (for a web site). Azure DNS allows you to host your DNS zone and manage your DNS records, and provides name servers that will respond to DNS queries from end users with the DNS records that you create. [Learn more.](#)

Project details

Subscription \*

MVS Events Subscription

Resource group \*

ADMINISTRATION

Create new

Instance details

☐

This zone is a child of an existing zone already hosted in Azure DNS ⓘ

Name \*

test.signetic.com

Resource group location ⓘ

Central US

Review + create

Previous

Next : Tags >

Download a template for automation

It may take a few minutes to create the zone.

5. Once the DNS create click on the "Go to resource" tap to view the Record set.

Home >

Microsoft.DnsZone-20210413042929012 | Overview

Deployment

Search (Ctrl+/)

«

Delete

Cancel

Redeploy

Refresh

Overview

Inputs

Outputs

Template

We'd love your feedback! →

✓

Your deployment is complete

Deployment name: Microsoft.DnsZone-20210413042929012

Subscription: MVS Events Subscription

Resource group: ADMINISTRATION

Start time: 4/13/2021, 10:14:34 AM

Correlation ID: ca187504-211d-4576-bf2a-341be1dd7c35

Deployment details

(Download)

Next steps

Go to resource

1. How to create a azure DNS zone and add a custom domain for azure AD

2

6. Now add the all name server in your domain name registrar from where you bought and registered your domains "signetic.com"

Microsoft Azure

Search resources, services, and docs (G+)

Home > Microsoft.DnsZone-20210413042929012 >

test.signetic.com  
DNS zone

Search (Ctrl+/)

+ Record set + Child zone → Move ▾ Delete zone Refresh

Resource group (change) : administration  
Subscription (change) : MVS Events Subscription  
Subscription ID : c3b7ee20-0543-4fe1-9186-a1c37cec394f  
Tags (change) : Click here to add tags

You can search for record sets that have been loaded on this page. If you don't see what you're looking for, you can try scrolling to allow more record s

Search record sets

Name	Type	TTL	Value	Alias resource type
@	NS	172800	ns1-05.azure-dns.com. ns2-05.azure-dns.net. ns3-05.azure-dns.org. ns4-05.azure-dns.info.	
@	SOA	3600	Email: azuredns-hostma... Host: ns1-05.azure-dns.... Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 300 Serial number: 1	

here you can also add the A and other records by clicking on the "Record set" tap.  
Our DNS zone for test.signetic.com has been created.

## Now we create a custom domain "test.signetic.com" for Azure AD

1. In the search tap type "Azure active Directory" the and search for it.

Microsoft Azure

Azure active Directory

Home >

Signetic Even  
Azure Active Directory

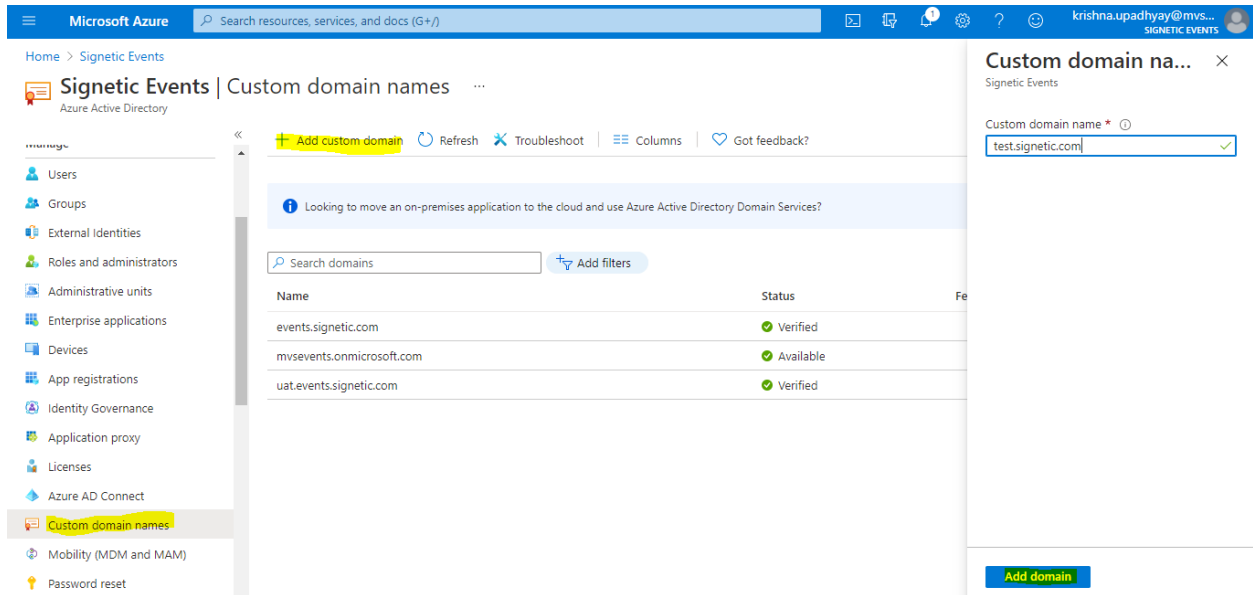
Services See all Marketplace

Azure Active Directory

KoçSistem Azure Active Directory & DirSync Service

2. click on it and chose the "Custom domain names" from left bar and click on the "Add custom domain" and enter the domain name 'test.signetic.com' and then

click on "Add domain".




3. after adding the custom domain it will pointed to the TXT AND MX records. here we need TXT record to add in the DNS, so copy the TXT record and click on the "verify" tap.

[Home](#) > [Signetic Events](#) >

**test.signetic.com** ...

Custom domain name

 Delete |  Got feedback?

 To use test.signetic.com with your Azure AD, 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=ms52561601**

TTL

3600

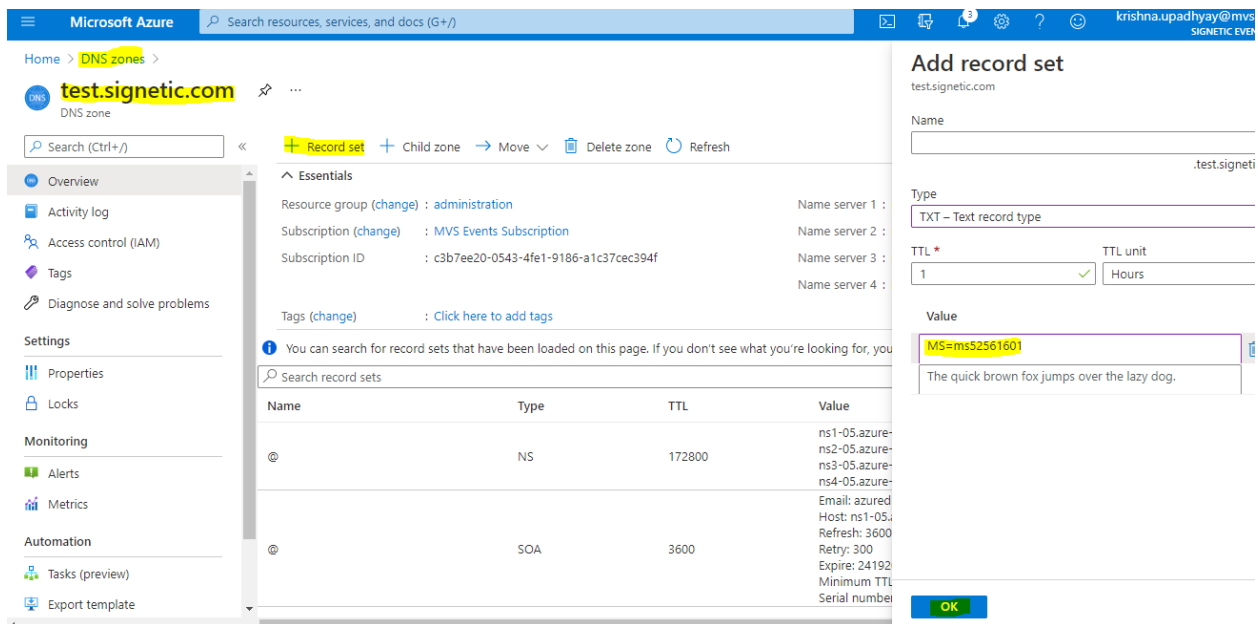
[Share these settings via email](#)

Verification will not succeed until you have configured your domain with your registrar as described above.

**Verify**

Now the Custom domain name is added.

4. Now Add the TXT record of the custom domain name to the DNS zone , go to the DNZ zone tab and click on the "test.signetic.com" and click on the "Record set" extension and add the TXT record and click on "OK".



Note: Now the DNS zone and Custom domain name "test.signetic.com" is added to the Azure.

## Now verify the domain name records from CMD

1. open the cmd prompt and enter the cmd ' dig events.signetic.com ' and you get the output like this which includes yours name server records.

```
root@upadhyav-ERT4KCF:~# dig events.signetic.com

; <<>> DiG 9.16.1-Ubuntu <<>> events.signetic.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 17341
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;events.signetic.com.      IN      A
;; AUTHORITY SECTION:
events.signetic.com.      300     IN      SOA     ns1-08.azure-dns.com. azuredns-hostmaster.microsoft.com. 1 3600 300 2419200 300

;; Query time: 121 msec
;; SFRVFR: 192.168.100.254#53(192.168.100.254)
;; WHEN: Tue Apr 13 11:16:51 +0545 2021
;; MSG SIZE rcvd: 131
```

## 2. Verify the given records in azure dns zone for the domain name 'events.signetic.com'

Home > DNS zones >

**events.signetic.com** DNS zone

Search (Ctrl+/) << + Record set + Child zone → Move ▾ Delete zone Refresh

**Overview**

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems

**Settings**

- Properties
- Locks

**Monitoring**

- Alerts
- Metrics

**Automation**

- Tasks (preview)
- Export template

**Essentials**

Resource group (change) : administration  
Subscription (change) : MVS Events Subscription  
Subscription ID : c3b7ee20-0543-4fe1-9186-a1c37cec394f  
Tags (change) : [Click here to add tags](#)

Name server 1 : ns1-08.azure-dns.com.  
Name server 2 : ns2-08.azure-dns.net.  
Name server 3 : ns3-08.azure-dns.org.  
Name server 4 : ns4-08.azure-dns.info.

**JSON View**

**Record sets**

You can search for record sets that have been loaded on this page. If you don't see what you're looking for, you can try scrolling to allow more record sets to load.

Search record sets

Name	Type	TTL	Value	Alias resource type	Alias target
@	NS	172800	ns1-08.azure-dns.com. ns2-08.azure-dns.net. ns3-08.azure-dns.org. ns4-08.azure-dns.info.		...
@	SOA	3600	Email: azuredns-hostma... Host: ns1-08.azure-dns... Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 300 Serial number: 1		...