

---

## ◆ Map an Existing Custom DNS Name to Azure App Service

By default, an App Service is accessible via <https://<appname>.azurewebsites.net>. To use your **own custom domain**, you need to configure **DNS + Azure App Service**.

---

### Step 1: Prerequisites

- An **App Service** already running.
  - A **custom domain** purchased from a registrar (e.g., GoDaddy, Namecheap, Azure DNS, etc.).
  - Access to the **DNS management portal** of your registrar.
- 

### Step 2: Get the App Service Hostname

1. In Azure Portal → go to your **App Service**.
  2. Under **Custom domains**, copy the **App Service default domain** (e.g., [myapp.azurewebsites.net](https://myapp.azurewebsites.net)).  
👉 This will be used in your DNS records.
- 

### Step 3: Add DNS Records in Domain Registrar

Log in to your domain registrar (e.g., GoDaddy). Add one of the following depending on the scenario:

- ◆ **For a Subdomain ([www.mywebsite.com](http://www.mywebsite.com))**

- Record type: **CNAME**
  - Host/Name: `www`
  - Value/Points to: `myapp.azurewebsites.net`
  - TTL: Default (e.g., 1 hour)
- ◆ **For a Root domain (mywebsite.com without “www”)**
- Record type: **A Record**
  - Host/Name: `@`
  - Value/Points to: App Service IP address (find in App Service → **Custom domains** → **IP address**).
  - (Optional) Add **TXT record** for domain ownership verification.
- 

## Step 4: Add Custom Domain in Azure

1. In Azure Portal → App Service → **Custom domains** → click **Add custom domain**.
  2. Enter your domain (e.g., `www.mywebsite.com`).
  3. Azure will check DNS records for validation:
    - For CNAME: It must point to `*.azurewebsites.net`.
    - For A Record: You also need a **TXT record** for verification.
  4. Once validated → click **Add domain**.
- 

## Step 5: Bind SSL Certificate (Optional but Recommended)

1. Go to **TLS/SSL settings** → **Bindings**.
  2. Choose your custom domain.
  3. Add certificate (Free Azure Managed Certificate or Upload your own).
  4. Enforce **HTTPS only**.
- 

## Step 6: Verify

1. Open a browser and go to your custom domain → <https://www.mywebsite.com>.
  2. It should load your Azure App Service.
  3. Test both HTTP and HTTPS (if HTTPS is enforced, HTTP will redirect).
- 

## Best Practices

- Always configure **both www and root domain** (use A record + CNAME).
  - Use **HTTPS with TLS 1.2** (never leave it on plain HTTP).
  - For production apps, use **Azure Front Door or Azure Application Gateway** in front of App Service for better security & performance.
  - If using **multiple regions**, use **Traffic Manager** for global DNS routing.
- 

### ✓ Summary:

1. Get your App Service default domain.
2. Configure DNS records (CNAME for subdomain, A + TXT for root).
3. Add domain inside App Service → validate ownership.

4. (Optional) Bind SSL/TLS certificate and enforce HTTPS.

---