
◆ 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.
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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).
👉 This will be used in your DNS records.
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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)

- 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**.
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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).
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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.
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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.

