

Steps to Create Azure Credentials (Service Principal)

This is what you do manually in the Azure portal:

Step 1 — Create App Registration (Service Principal)

1. Go to [Azure Portal](#).
2. Search “**App Registrations**” → **New Registration**.
3. Name: `blazetest-sp`
4. Supported account types: default
5. Click **Register**

You now have:

- **Application (Client) ID** → use as `AZURE_CLIENT_ID`
 - **Directory (Tenant) ID** → use as `AZURE_TENANT_ID`
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Step 2 — Create a Client Secret

1. Inside the App Registration → **Certificates & Secrets** → **New client secret**
 2. Add description, choose expiry, click **Add**
 3. Copy the **Secret Value** → use as `AZURE_CLIENT_SECRET`
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Step 3 — Assign Roles / Permissions

1. Go to **Subscriptions** → select your subscription → **Access Control (IAM)**
 2. Click **Add** → **Add role assignment**
 3. Choose role(s) needed for CRUD operations:
 - **Contributor** (all operations) or more granular:
 - `Storage Blob Data Contributor` → blob storage
 - `AcrPush` → container registry
 - `Website Contributor` → functions
 - `Monitoring Contributor` → logs
 4. Assign **access to** → `Service Principal` → search for `blazetest-sp` → assign
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1. Click **Add** → **Add role assignment**
 2. Role: **Contributor**
 3. Assign access to: **User, group, or service principal**

4. Select your Service Principal (`blazetest-sp`)
5. Save

Step 4 Using Azure Portal

1. Go to **Subscriptions** → **Azure subscription 1** → **Resource providers**
2. Search for the following and click **Register**:
 - `Microsoft.Storage` → for storage accounts
 - `Microsoft.Web` → for Function Apps
 - `Microsoft.ContainerRegistry` → for ACR
 - `Microsoft.Insights` → for logs / monitoring
3. Wait a few minutes for registration to complete.

Where to Get the Values in Azure Portal

You already did **Steps 1–3** (App Registration + Client Secret + Role Assignment). Now:

A. AZURE_CLIENT_ID

- Go to **Azure Portal** → **App Registrations** → your App (`blazetest-sp`) → **Overview**
 - Copy “**Application (client) ID**”
 - This is your `AZURE_CLIENT_ID`
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B. AZURE_TENANT_ID

- In the same **Overview** page of your App Registration
 - Copy “**Directory (tenant) ID**”
 - This is your `AZURE_TENANT_ID`
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C. AZURE_CLIENT_SECRET

- Go to **Certificates & Secrets** → **Client Secrets** → **Copy the Secret Value**
- This is your `AZURE_CLIENT_SECRET`

⚠ You only see the secret **once**, so copy it and save it securely.

D. AZURE_SUBSCRIPTION_ID

- Go to **Azure Portal** → **Subscriptions** → **select your subscription**
- Copy the **Subscription ID**
- This is your `AZURE_SUBSCRIPTION_ID`