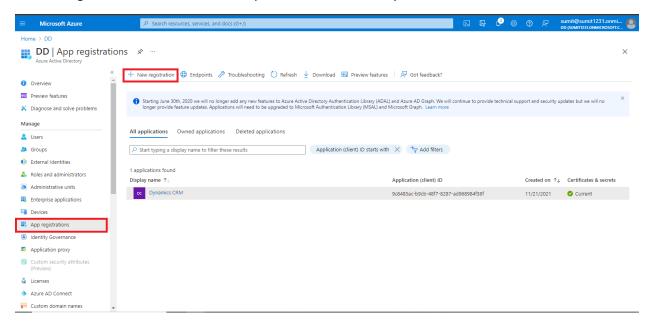
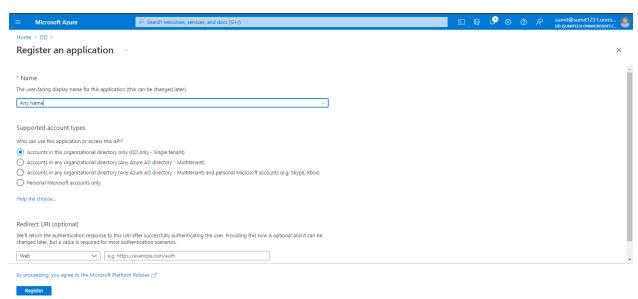
Developing a Console Application in Dynamics CRM

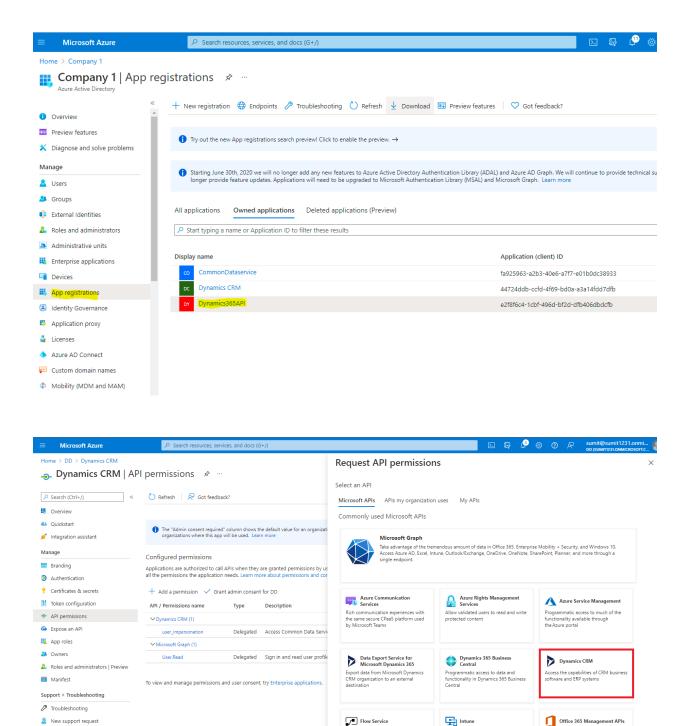
1. Login to Portal. Azure.com and open the Active Directory

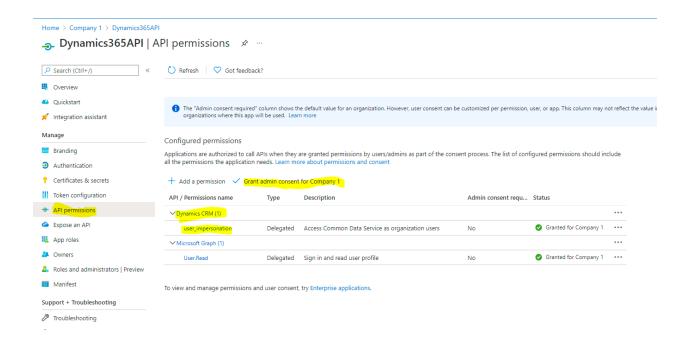


2. Register the application in Active Directory

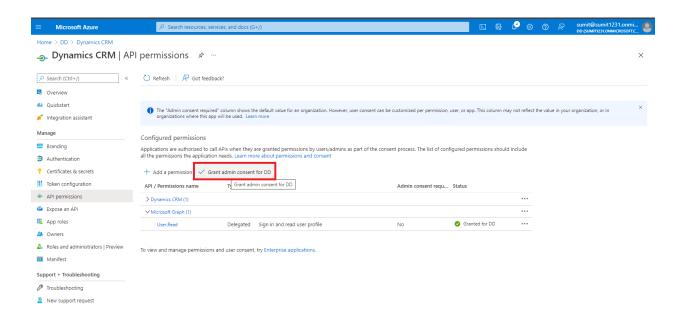


3. Open the Added Application and new need to grant the API permissions to the same

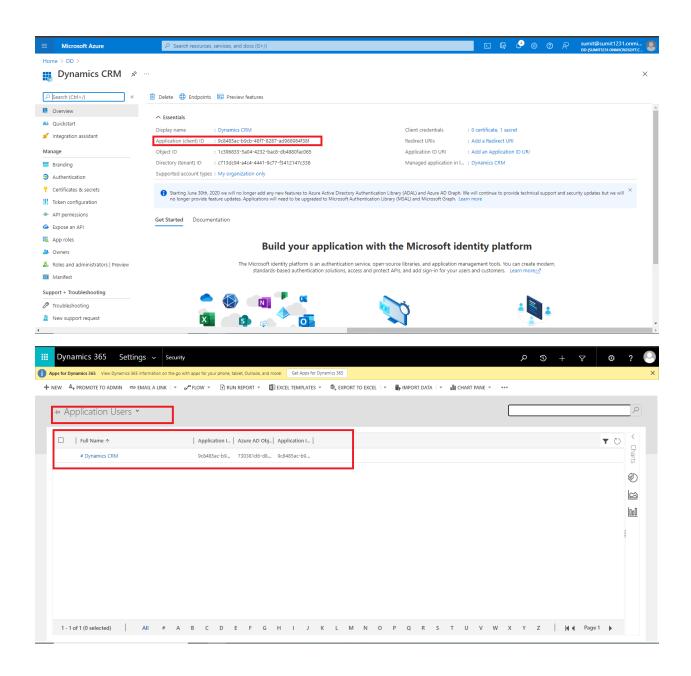


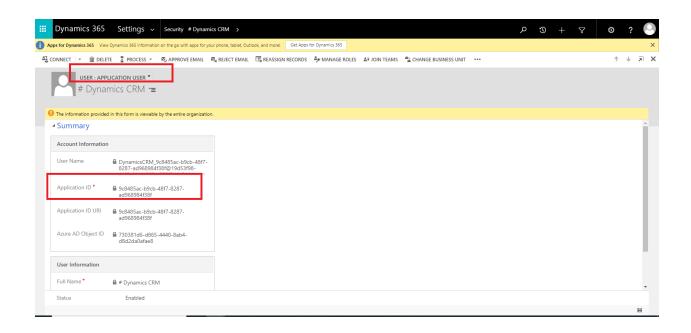


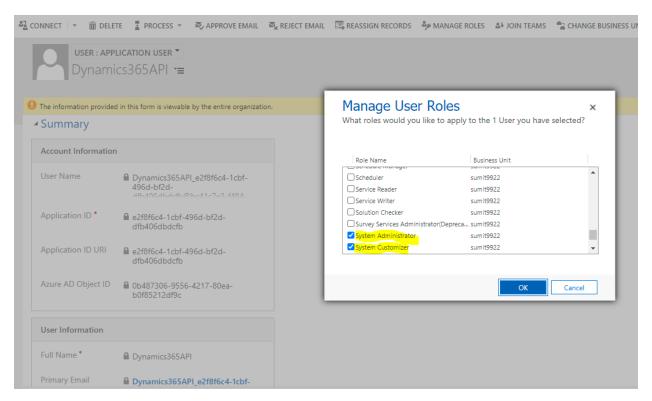
4. Grant Admin Consent to the Active Directory

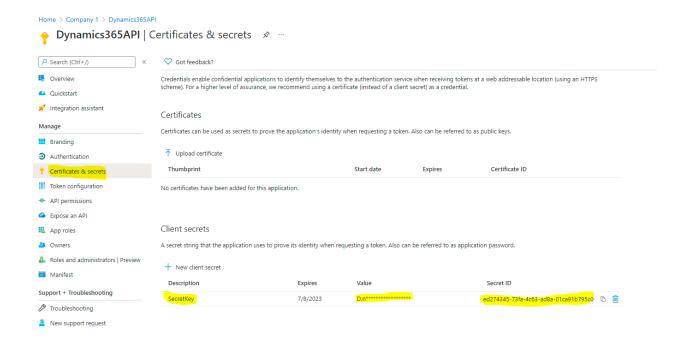


5. We need to add the application to Dynamics CRM and grant the required roles and permissions based upon the requirement

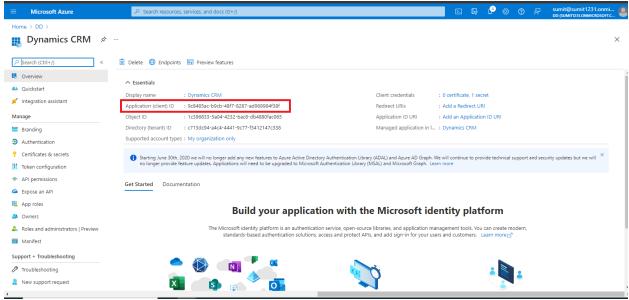


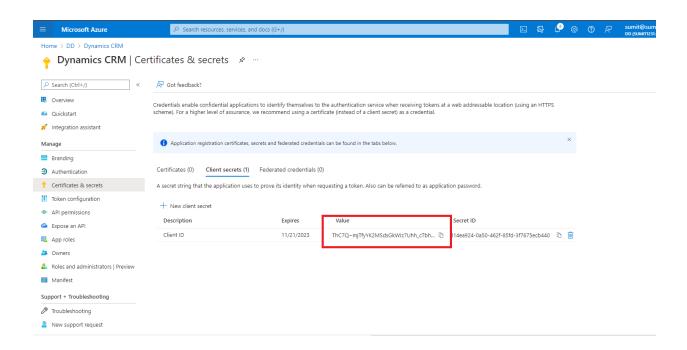






Key to be used in Code





```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Runtime.Serialization;
using System.ServiceModel;
using Microsoft.Xrm.Sdk;
using System.ServiceModel.Description;
using System.Net;
using Microsoft.Xrm.Sdk.Client;
using Microsoft.Crm.Sdk.Messages;
using Microsoft.Xrm.Sdk.Query;
using System.Threading;
using System.IO;
using Microsoft.Xrm.Sdk.Messages;
using Microsoft.Xrm.Tooling.Connector;
using Plugins_Training;
namespace ConsoleApp
   public class Program
   {
        public static void Main(string[] args)
            IOrganizationService orgService = GetOrganizationServiceClientSecret(
              "11e428dd-7153-42bb-9988-a08eebfdd86a",
              "qu27Q~Xq6MMD_NiEb8NnV6Y12qPOnpQIfH~eK",
              "https://org53e65b9b.crm.dynamics.com");
            var response = orgService.Execute(new WhoAmIRequest());
            Entity x = new Entity("lead");
            x["title"] = "abc";
            orgService.Create(x);
        }
        public static IOrganizationService GetOrganizationServiceClientSecret(string
clientId, string clientSecret, string organizationUri)
        {
            try
            {
                var conn = new
CrmServiceClient($@"AuthType=ClientSecret;url={organizationUri};ClientId={clientId};Clien
tSecret={clientSecret}");
                return conn.OrganizationWebProxyClient != null ?
conn.OrganizationWebProxyClient : (IOrganizationService)conn.OrganizationServiceProxy;
            catch (Exception ex)
            {
                Console.WriteLine("Error while connecting to CRM " + ex.Message);
                Console.ReadKey();
                return null;
```

```
}
}

//dvantages
// We can debugg our code
// we can perform actions like creation of record
```