

1. In order to secure the API you'll need an API KEY. So let's create an API Key in Web Api Project . Well in order to do that let's create a New Folder and name this to Message Handler and then inside this folder let's create a class name as `ApiKeyMessageHandler` and then just put the following lines of code in this class

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Net;
using System.Net.Http;
using System.Threading;
using System.Threading.Tasks;
using System.Web;

namespace ApiKeyDemo.MessageHandler
{
    public class ApiKeyMessageHandler : DelegatingHandler
    {
        private const string ApiKeyToCheck = "A1362BNDKL3327655968974SZNBVJHKLHHFLHLKF";

        protected override async Task<HttpResponseMessage> SendAsync(HttpRequestMessage
request, CancellationToken cancellationTok
en)
        {
            bool validKey = false;

            IEnumerable<string> requestHeaders;
            var checkApiExists = request.Headers.TryGetValues("ApiKey", out
requestHeaders);
            if (checkApiExists)
            {
                if (requestHeaders.FirstOrDefault().Equals(ApiKeyToCheck))
                {
                    validKey = true;
                }
            }
            if (!validKey)
            {
                return request.CreateResponse(HttpStatusCode.Forbidden, "Api Key Not
valid");
            }

            return await base.SendAsync(request, cancellationTok
en);
        }
    }
}
```

2. Now in order to configure this Message Handler let's go to the Global.asax file and just put the following line of code in the `App Start Method ()`

```
GlobalConfiguration.Configuration.MessageHandlers.Add(new ApiKeyMessageHandler());
```