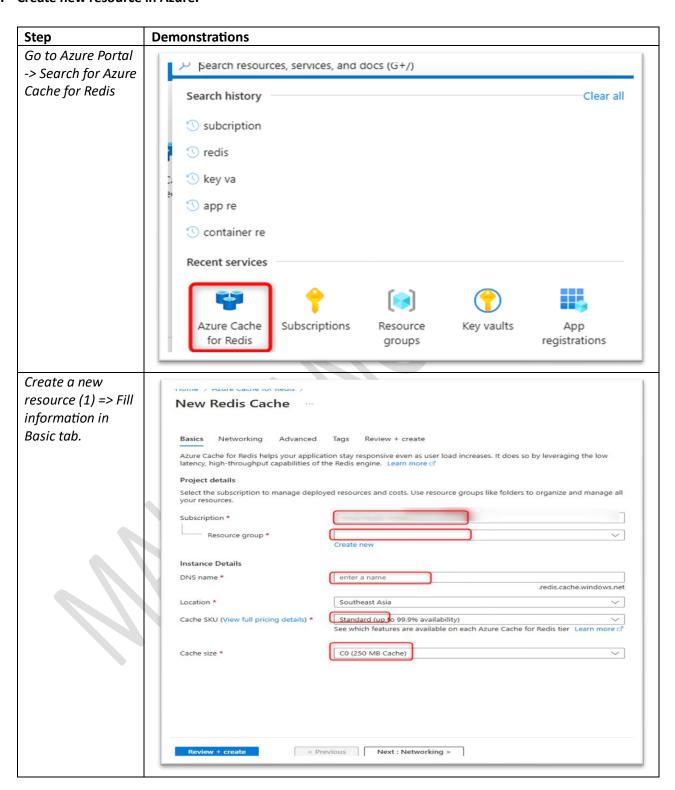
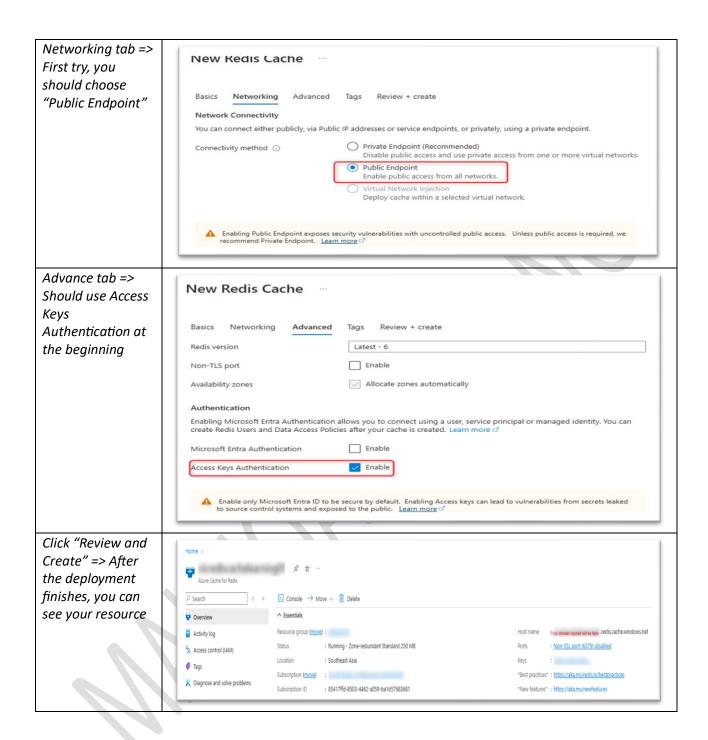
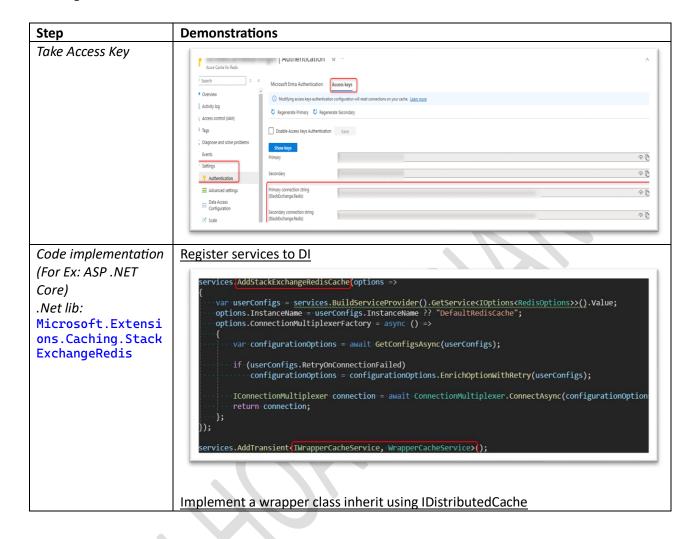
# **Azure Cache for Redis**

#### 1. Create new resource in Azure.





#### 2. Working with Azure Cache for Redis



```
readonly IDistributedCache _distributedCache;
O references | GiangHM, 6 days ago | 1 author, 1 change

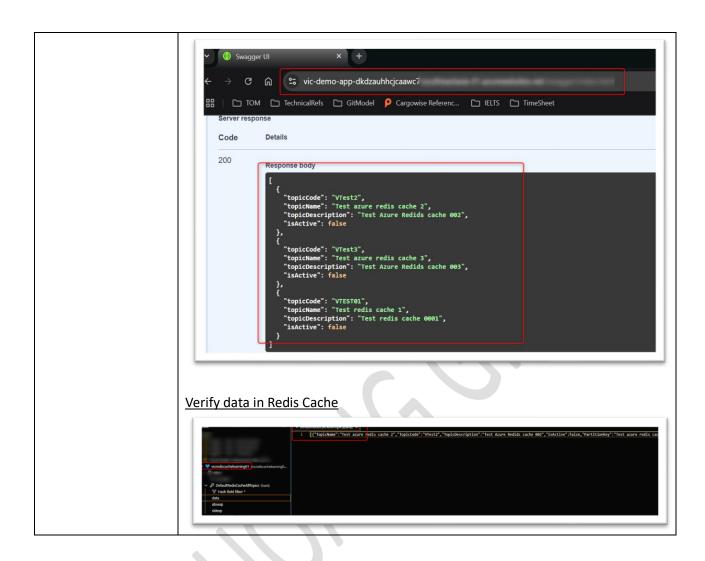
public - WrapperCacheService(IDistributedCache - distributedCache)
     _distributedCache = distributedCache;
public async Task SetAsync<T>(T data, string cacheKey)
    if (data == null) throw new ArgumentNullException(nameof(data));
    var byteData = await ConvertData<T>.ObjectToByteArray(data);
     await _distributedCache.SetAsync(cacheKey, byteData);
Ineference | GiangHM, 6 days ago | 1 author, 1 change | public - async - Task - SetAsync<T>(T - data, - string - cacheKey, - DistributedCacheEntryOptions - options)
    if (data == null) throw new ArgumentNullException(nameof(data));
    var byteData = await ConvertData<T>.ObjectToByteArray(data);
     await _distributedCache.SetAsync(cacheKey, byteData, options);
Jareterences|GuangHM, 6 days ago|1 author, 1 change public async Task SetAsync<T>(T data, string cacheKey, Func<DistributedCacheEntryOptions> funcOption)
    if (data == null) throw new ArgumentNullException(nameof(data));
     var options = funcOption();
     if (options == null)
         options == new-DistributedCacheEntryOptions().SetSlidingExpiration(TimeSpan.FromMinutes(2));
```

## Use cache in Controller or where we want.

## <u>Deploy app to Azure</u> App Service

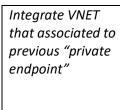
Results

**API Response** 



3. Increase security by using "private endpoint".







#### Results

### App works well.

Cannot access from outside since no public access allowed

```
✓ ▼ vi achelearning01 (vicrediscachelearning0...

Error: getaddrinfo ENOTFOUND vicrediscachelea...
```