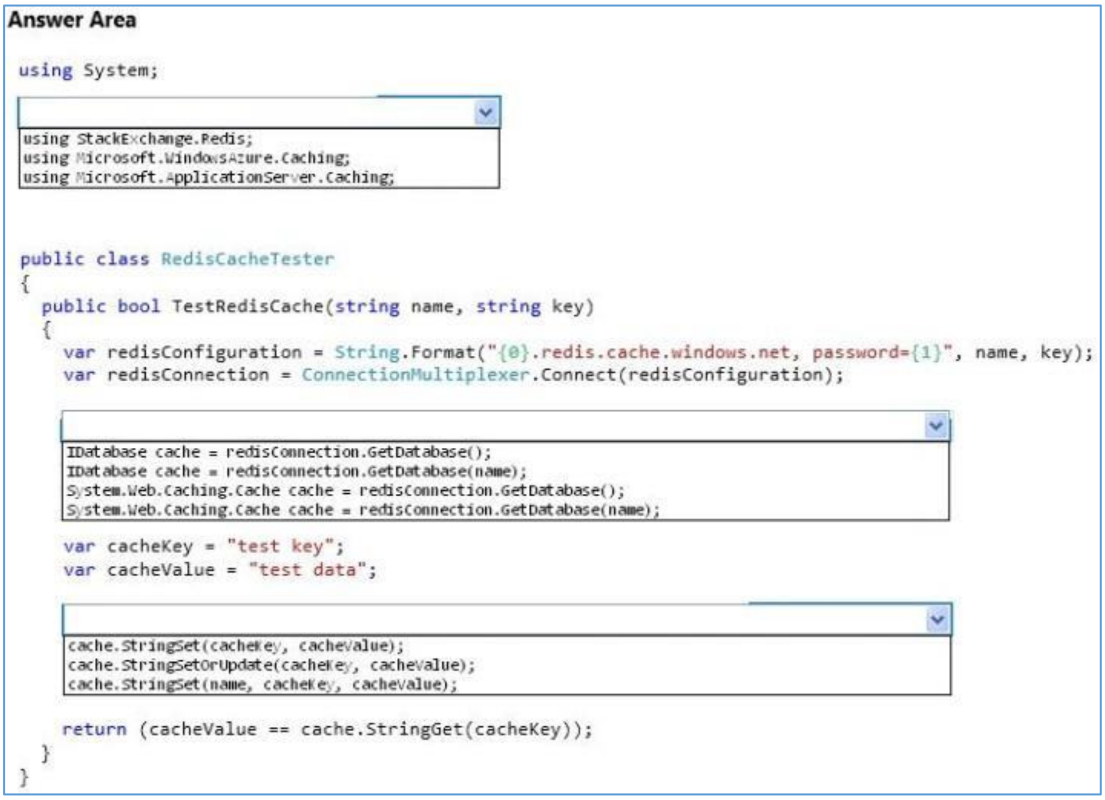
1) You create a software-as-a-service (SaaS) application. Websites, cloud services, and virtual machines (VMs) read common data values from the database for the application. The application does not scale efficiently. All VMs, websites, and cloud services must read from the same data source. You need to design a cache solution for the SaaS application. What should you do?
   a) Deploy a cache by using Azure Redis Cache.
      Access the cache from the websites, cloud services, and VMs.
   b) Configure a cache by using ASP.NET.
      Access the cache from the websites, cloud services, and VMs.
   c) Use Azure Redis Cache to deploy one cache for each website, one cache for each cloud service, and one cache for each VM.
      Configure each cache to ensure that data is consistent in all the cache instances.
   d) Deploy a cache by using Azure Redis Cache.
      Configure the cache to use database connection strings.

   Answer: A

2) You create a cache for a project by using Azure Redis Cache. You are writing test code that verifies that the cache is available. You need to ensure that data can be saved to the cache and retrieved from the cache. How should you complete the relevant code? To answer, select the appropriate option or options in the answer area.



Answer Area

```
using System;

[                                                    ▼]
using StackExchange.Redis;
using Microsoft.WindowsAzure.Caching;
using Microsoft.ApplicationServer.Caching;


public class RedisCacheTester
{
  public bool TestRedisCache(string name, string key)
  {
    var redisConfiguration = String.Format("{0}.redis.cache.windows.net, password={1}", name, key);
    var redisConnection = ConnectionMultiplexer.Connect(redisConfiguration);

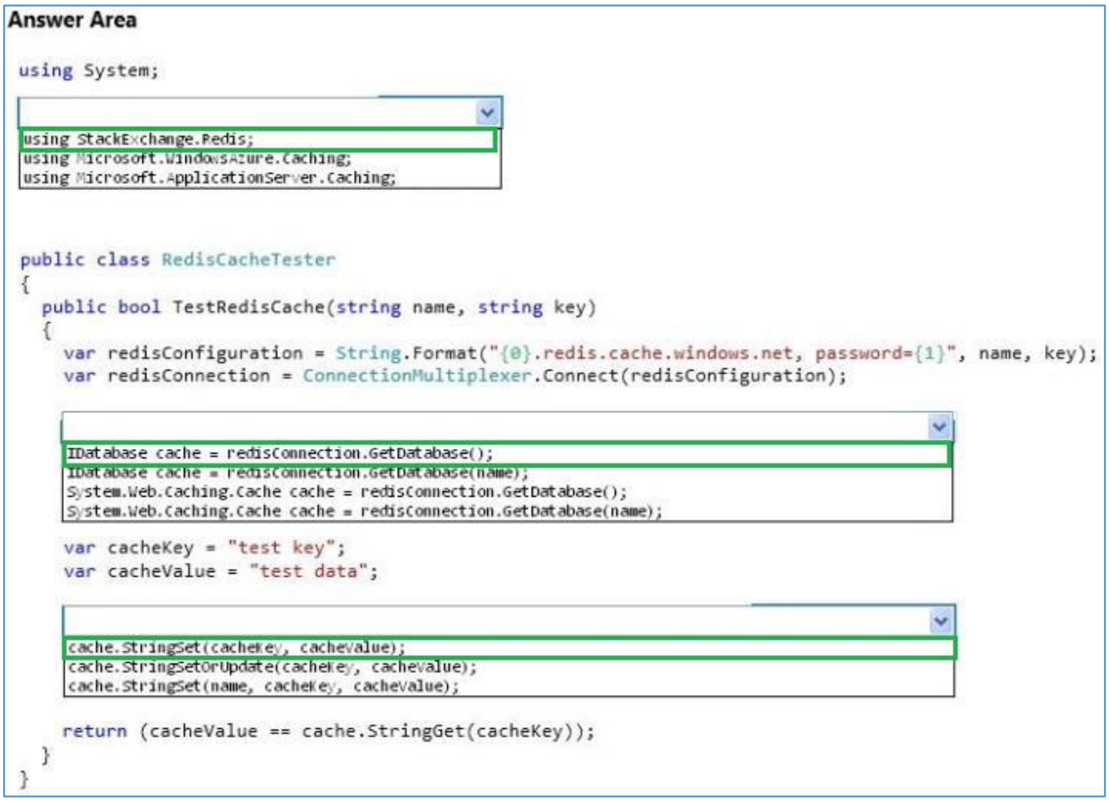
    [                                                                              ▼]
    IDatabase cache = redisConnection.GetDatabase();
    IDatabase cache = redisConnection.GetDatabase(name);
    System.Web.Caching.Cache cache = redisConnection.GetDatabase();
    System.Web.Caching.Cache cache = redisConnection.GetDatabase(name);

    var cacheKey = "test key";
    var cacheValue = "test data";

    [                                                                              ▼]
    cache.StringSet(cacheKey, cacheValue);
    cache.StringSetOrUpdate(cacheKey, cacheValue);
    cache.StringSet(name, cacheKey, cacheValue);

    return (cacheValue == cache.StringGet(cacheKey));
  }
}
```

Answer:



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    var redisConnection = ConnectionMultiplexer.Connect(redisConfiguration);

    IDatabase cache = redisConnection.GetDatabase();
    IDatabase cache = redisConnection.GetDatabase(name);
    System.Web.Caching.Cache cache = redisConnection.GetDatabase();
    System.Web.Caching.Cache cache = redisConnection.GetDatabase(name);

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}
```

3) d