


A nested website is a site that users can access through a URL sub-directory under the domain name of a different website. The following steps demonstrate how to create two Kentico sites that utilize nesting:

1. **Install** two Kentico web projects into separate folders.
 - Choose folder names different than the virtual directory names you plan to use in the URL. This prevents collisions when setting up the IIS. For example:
 - **Inetpub/wwwroot/NestedWeb/Web1**
 - **Inetpub/wwwroot/NestedWeb/Web2**


 You now have two completely independent instances of Kentico, each with its own web project and database.

2. Open your **Internet Information Services (IIS) Manager** console (*Start -> Control Panel -> Administrative tools -> Internet Information Services (IIS) Manager*).
3. Create two applications under your web site:

- **[IIS web site]/Kentico1** - set the **Physical path** to the *CMS* folder of *Web1*
- **[IIS web site]/Kentico1/Kentico2** - set the **Physical path** to the *CMS* folder of *Web2* (the child website)

 You now have two independent applications in IIS, one nested under the other.

4. Edit the **web.config** of the nested application (*Web2*) and remove all `<modules>`, `<handlers>` and `<security>` definitions. This avoids duplicate definitions in the two applications.

 If you have any additional custom keys in these configuration sections, ensure that they are not duplicated in the two *web.config* files, i.e. that they are only added in one of the two files.

```
<system.webServer>
  <modules>
    // Remove or comment out all keys in this section
  </modules>
  <handlers>
    // Remove or comment out all keys in this section
  </handlers>
  <security>
    // Remove or comment out all keys in this section
  </security>
</system.webServer>
```

The websites are now accessible via nested URLs. You can configure the websites independently without any issues.


Additional configuration for Staging

This section describes how to set up [Content staging](#) on nested websites.

Staging uses sections in the *web.config* that collide on nested websites. Config files are inherited within the IIS virtual directory structure (even when the projects are not nested on the file system), but you cannot have the same section of *web.config* twice in the config file.

If you [configure staging](#) from the **Kentico1** site to the **Kentico1/Kentico2** site, the inner project may have issues with the configuration.

If you get the "**The username token has already been added**" error message, some of the configuration is duplicated. User name token authentication is defined in the policy file, which is referenced from the `<microsoft.web.services3>` section.

 You need to **remove the whole <microsoft.web.services3> section** from the **web.config** of the **nested web project (Web2)**. Do not remove the section from the Web1 (outer) project, since both websites will use this configuration.

Staging between the nested sites should now work correctly.