


Kentico performs most operations without writing to the disk. However, there are situations when the web application needs to access the disk, such as:

- [importing/exporting sites](#)
- [storing uploaded files in the file system \(optional\)](#)

If you receive an error message, saying that the web application cannot write to disk, you need to:

1. Identify the user account under which your web application is running
2. Grant the Modify permissions for the whole web project folder to the account

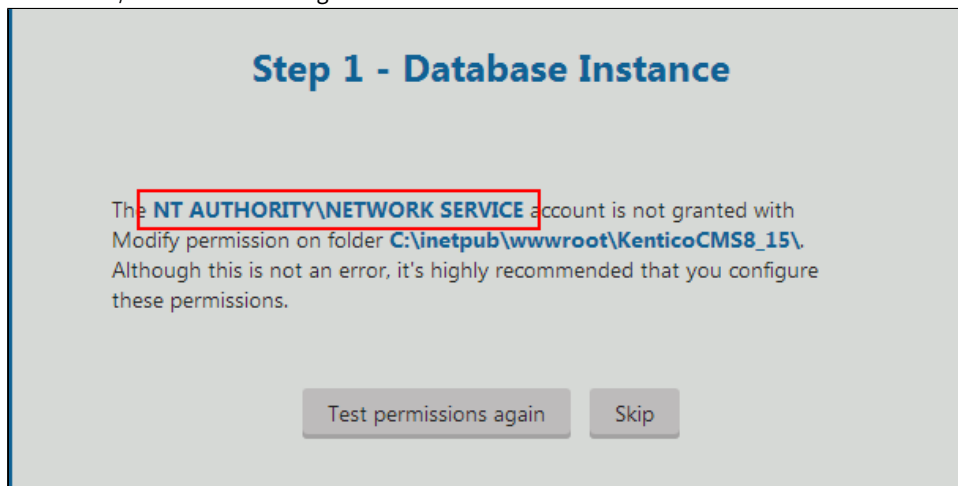
User account of the web application

 If you're using **Visual Studio's** built-in web server, the application runs under your Windows user account.

IIS 6.0 introduced the concept of application pools (you can find more information at <http://technet.microsoft.com>). The name of the user account is based on the application pool that your web application is using.

You can find the user account name:

- In the error/information message.



- In the **System** application, under **ASP.NET account**.
- In **IIS Manager**:
 - Open the **IIS Manager** and select the **Application Pools** page. According to the value in the **Identity** column, determine the user account of your application.

Application pool identity	User account name
Local Service	Service
LocalSystem	System
NetworkService	Network Service
ApplicationPoolIdentity	IIS AppPool\<app pool name>

Granting disk permissions

It is a best practice to grant the **Modify** permissions to the previously determined account.



However, in case your application pool uses the *ApplicationPoolIdentity* application pool identity, you can grant the permissions to the built-in group account **IIS_IUSRS** instead. This group account contains all accounts with the *ApplicationPoolIdentity* application pool identity.

- [Set, View, Change, or Remove Permissions on Files and Folders \(Microsoft documentation\)](#)