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Finding Easy Access with Your Files Using a Virtual Directory by [John Ozoa](#)

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A virtual directory is a name on the directory that is referred to as path the users should specify in Internet Information Services or IIS 7 and map to the physical directory on remote or local server. The name of the virtual directory will become part of the URL application and users are allowed to request the URL from a browsers in order for them to access the content or data in the physical directory including the files, web page and list of extra directories.

If you specific other names than the physical directory for a virtual directory, it would be more difficult for the users to get the actual structure from the physical file in your server because the URL does not directly map to the root of the website.

In Internet Information Services 7, every application should have virtual directory called root virtual directory and maps application to the physical directory containing the information or Data of the application. But an application is allowed to have multiple virtual directories. For instance, you can use virtual directory once you want the applications to have images from other location in the final Program but don't want the picture files to be moved to the physical directory that is mapped to the root virtual directory on the application.

It is easy to set this up on your virtual directory server. Moreover, it is easy to make a new virtual directory. First, you should open the IIS manager. Click on Start from the taskbar and choose Administrative tools and click on the IIS manager.

Expand the server name in the connections pane, choose expand Sites and expand the website that you want to add into your virtual directory then select the application to which you would like to integrate to the virtual directory.

From the Actions pane, pick View Virtual Directories and click Add Virtual Directory. you need to enter the info in the Alias on the Add Virtual Directory and physical path then choose OK.

It is definitely simple add a virtual directory. Once you have it, make sure it comes with LDAP proxy that will protect it against unauthorized access.

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