



## DotNetNuke Application Pack Guide

*How to install and configure DNN Application Packs for use with Helm*

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<http://www.webhostautomation.com/>  
May 2006  
Doc: HELM300.02.10

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## DotNetNuke Pre-Requisites

Please ensure you take the following steps before continuing with the DotNetNuke integration.

1.) You will need to have the **ASP.NET 2.0 Framework** installed in order to install **v4** of DotNetNuke. This can be found here:

<http://www.microsoft.com/downloads/details.aspx?familyid=0856EACB-4362-4B0D-8EDD-AAB15C5E04F5&displaylang=en>

For DotNetNuke v3, you only need the ASP.NET 1.1 Framework which comes as standard with Windows Server.

2.) You will need **SQL Server** installed in order to use DotNetNuke. The portal will be installed on a SQL database, so make sure that you have a version of SQL Server installed – the following guide will explain how to integrate SQL Server with Helm:

<http://download.webhostautomation.net/MSSQL%20Server/docs/MSSQL%20Server%20Configuration%20Guide.pdf>

# DotNetNuke Application Pack Installation

Helm currently supports DotNetNuke (DNN) v3 and v4.

**DNN v3** is written for **ASP.NET v1.1**

It can be downloaded here:

<http://download.webhostautomation.net/Helm/downloads/addons/DotNetNuke%20v3%20Support%201.0.3.exe>

**DNN v4** is written for **ASP.NET v2.0**

It can be downloaded here:

<http://download.webhostautomation.net/Helm/downloads/addons/DotNetNuke%20v4%20Support%201.0.4.exe>

As per the pre-requisites above, you will need to have the **ASP.NET 2.0 Framework** installed in order to install v4 of DotNetNuke.

To install DNN v3 or v4:

- 1.) Download the relevant version file above (you can install both Application Packs if desired), making sure that if you are downloading DNN v4 that you have first installed the ASP.NET 2.0 Framework.
- 2.) Double click the Application Pack file, and the DNN Application Pack will be installed.

## DotNetNuke Application Pack Configuration

Once you have installed that application pack for DotNetNuke, you now need to configure DotNetNuke in your plans and packages so it is available to your end users.

Assuming you've already got a Web Resource set up, go into your existing Reseller Plans and Hosting Plans and set the number of DotNetNuke installations to be the number that you wish to offer. For example:

**Sample Reseller Plan**

Enable Web Resource

System Resource: Default Web Resource

ODBC DSNs: 999999999

Sub Domains: 999999999

ASP: 999999999 domains

ASP.NET: 999999999 domains

ASP.NET 2: 999999999 domains

Perl: 999999999 domains

PHP 4: 999999999 domains

PHP 5: 999999999 domains

Python: 999999999 domains

CGI-BIN: 999999999 domains

ColdFusion: 999999999 domains

ColdFusion DSNs: 999999999 domains

FrontPage Webs: 999999999 domains

Virtual Directories: 999999999 domains

Shared SSL: 999999999 domains

Secure Folders: ~~999999999~~ domains

**DotNetNuke Portal: 0 installations**

Allow Web Forwarding: Enabled

Allow Parent Paths: Enabled

Allow Website Permissions: Enabled

Default Docs: Enabled

Custom Error Pages: Enabled

MIME Type Editor: Enabled

File Manager: Enabled

Back Save

Once you've adjusted the number of installations on your plans and packages, you're ready to install DNN on a domain.

## Installing DotNetNuke v3

To install DotNetNuke v4, you first need to make sure the domain is set to use the ASP.NET 1 Framework. To do this, click “Web Site Settings” from the Domain Menu:



### Web Site Settings

This page allows you to make changes to how your website executes applications such as ASP, ASP.NET, Perl and PHP.

**domain1.com**

**Website URL:** http://www.domain1.com/  
**Web Server:** HELMSVR70  
**Website IP:** 192.168.1.70 (Shared)  
**Physical Path:** c:\domains\domain1.com

**Web Forwarding URL:**

Directory Browsing  
 Parent Paths  
 Website Write Permissions

**Default Docs:**   
Default.asp  
index.htm  
Default.aspx  
\_holding.asp  
\_holding.htm

Application Pool Isolation

**Website Extensions**

**ASP:**  Installed  
**ASP.Net:**   
**Perl:**  Available  
**PHP:**   
**Python:**  Available  
**CGI-Bin:**  Available  
**ColdFusion:**  Available

At the bottom under Website Extensions, change **ASP.Net** to Version 1 and click “Save”.

In Helm, go to the domain that you want to install DNN v3 on and click "Application Packs" from the Domain Menu:

**domain1.com**

**User:** SAMPLE\_CUSTOMER

**Hosting Package:** Sample Hosting Package

**URL:** http://www.domain1.com/

**Domain Status:** Active

**Name Server Records:** ns1.webhost.net - 192.168.1.70



← Back
Delete ✖
Save →

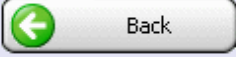
 <b>Email Accounts (POP3)</b>	 <b>Email Forwarding</b>	 <b>Multi-Recipient Addresses</b>	 <b>FTP Accounts</b>	 <b>File Manager</b>
 <b>Virtual Directories</b>	 <b>Secure Folders</b>	 <b>Domain Aliases</b>	 <b>Sub Domains</b>	 <b>DNS Zone Editor</b>
 <b>ODBC DSNs</b>	 <b>ColdFusion DSNs</b>	 <b>Database Manager</b>	 <b>MIME Types</b>	 <b>Custom Error Pages</b>
 <b>FrontPage Extensions</b>	 <b>SSL</b>	 <b>Application Packs</b>	 <b>Web Site Settings</b>	 <b>Statistics</b>

On the next screen, you'll see the DotNetNuke versions you have installed in the list of available Application Packs:

## Application Packs

Application packs are scripts and tools that you can use to enhance your website with. Click on the relevant application pack below to administrate the installation on your website.




domain1.com		
	Name	Installed
	DotNetNuke v3	No
	DotNetNuke v4	No

 Back

Click on DotNetNuke v3, and you'll be taken to the following install screen:

## DotNetNuke v3 Support

This page allows you to install or remove DotNetNuke v3 Support for this domain.

domain1.com	
DotNetNuke v3 Support: Not Installed	
Installation Folder:	<input type="text"/> 
Select Database:	<input type="text" value="New Database"/>
New Database Type:	<input type="text" value="Microsoft SQL Server 2000"/>
New Database Name:	<input type="text"/>
New Database Username:	<input type="text"/>
New Password:	<input type="text"/>
Confirm New Password:	<input type="text"/>
 Back	Install 

An explanation of each field is as follows:

**Installation Folder:-** This is the folder that the DotNetNuke portal files will be installed to. If left blank, it will be installed at the root folder (wwwroot). It is advisable (but not necessary) to use a separate folder rather than install to the root.

**Select Database:-** Here you can select an existing database that you have already set up in Helm. Choose it from the dropdown box, and the form will change accordingly for you to then select the database user from a dropdown, or create a new one.

**New Database Type:-** If you would like to create a new SQL database for DNN instead of using an existing one, choose the type of database you wish to use. The options here will depend what SQL services you have set up in Helm, but DNN can be created on a SQL 7, SQL 2000 or SQL 2005 database.

**New Database Name:-** Enter the name of the new database for DNN.

**New Database Username:-** Enter a new username which will have access to the DNN database.

**Password:-** Enter the password you wish to assign to this database user.

**Confirm Password:-** Confirm the password you just typed.

Click "Install" to install the DotNetNuke support on the domain:

## DotNetNuke v3 Support

This page allows you to install or remove DotNetNuke v3 Support for this domain.

DotNetNuke v3 Support has been successfully installed

**domain1.com**

**DotNetNuke v3 Support:** Installed

**DotNetNuke Domain:** <http://www.domain1.com/dotnetnuke>

**Current Version:** 3.2.2

 Back  Remove 

Now you have DNN supported on a domain, you need to install the portal itself. This is very simple; just click on the DotNetNuke Domain link (in the above example it is <http://www.domain1.com/dotnetnuke>). This will open the domain in the browser, and start the DNN portal installation:

## Installing DotNetNuke

Version: 03.02.02

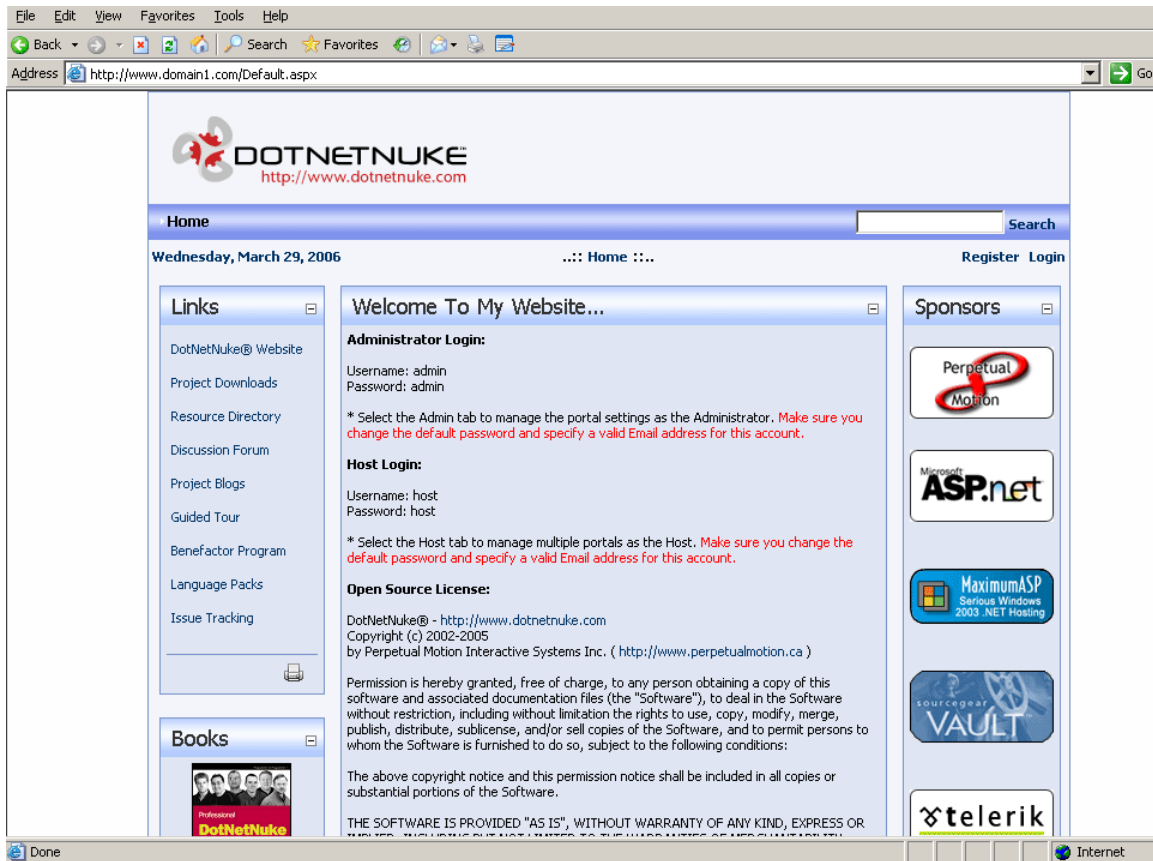
### Installation Status Report

```
00:00:00.031 - Installing Version: 3.1.0
00:00:00.031 - Installing Script: DotNetNuke.SetUp.SqlDataProvider
00:00:00.078 - Installing Script: DotNetNuke.Schema.SqlDataProvider
00:00:12.718 - Installing Script: DotNetNuke.Data.SqlDataProvider
00:00:15.468 - Installing MemberRole Provider:
00:00:15.484 - Executing InstallCommon.sql
00:00:16.500 - Executing InstallMembership.sql
00:00:18.093 - Executing InstallProfile.sql
00:00:18.796 - Executing InstallRoles.sql
00:00:19.609 - Upgrading to Version: 3.1.1
00:00:23.453 - Upgrading to Version: 3.2.0
00:00:23.609 - Upgrading to Version: 3.2.1
00:00:23.750 - Upgrading to Version: 3.2.2
00:00:23.781 - Performing General Upgrades
00:00:24.140 - Loading Host Settings:
00:00:24.218 - Configuring SuperUser:
00:00:24.750 - Installing Desktop Modules:
00:00:24.750 - Installing Modules:
00:00:24.750 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\Announcements_3.1_Install.zip:
00: - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\Contacts_3.1_Install.zip:
00:00:26.421 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\Discussions_3.1_Install.zip:
00:00:26.765 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\Documents_3.1_Install.zip:
00:00:27.125 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\Events_3.1_Install.zip:
00:00:27.484 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\FAQs_3.1_Install.zip:
00:00:28.250 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\Feedback_3.1_Install.zip:
00:00:28.468 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\HTML_3.1_Install.zip:
00:00:28.750 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\IFrame_3.1_Install.zip:
00:00:28.828 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\Image_3.1_Install.zip:
00:00:29.015 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\Links_3.1_Install.zip:
00:00:29.484 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\NewsFeeds_3.1_Install.zip:
00:00:29.531 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\Survey_3.1_Install.zip:
00:00:29.984 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\UserDefinedTable_3.1_Install.zip:
00:00:30.515 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\UsersOnline_3.1_Install.zip:
00:00:30.609 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\XML_3.1_Install.zip:
00:00:30.671 - Executing Additional Scripts:
00:00:30.671 - Creating Portal: My Website
00:00:35.593 - Successfully Installed Portal 0:
00:00:35.593 - Installing Optional Resources:
```

### Installation Complete

[Click Here To Access Your Portal](#)

Once done, you can click where it specifies ("Click Here To Access Your Portal") in order to access your new DNN portal:



DotNetNuke v3 has now been successfully installed on your domain.

## Installing DotNetNuke v4

To install DotNetNuke v4, you first need to make sure the domain is set to use the ASP.NET 2 Framework. To do this, click "Web Site Settings" from the Domain Menu:

### Web Site Settings

This page allows you to make changes to how your website executes applications such as ASP, ASP.NET, Perl and PHP.

#### domain1.com

**Website URL:** http://www.domain1.com/  
**Web Server:** HELMSVR70  
**Website IP:** 192.168.1.70 (Shared)  
**Physical Path:** c:\domains\domain1.com

**Web Forwarding URL:**

Directory Browsing  
 Parent Paths  
 Website Write Permissions

**Default Docs:**   
Default.htm  
Default.asp  
index.htm  
Default.aspx  
\_holding.asp

Application Pool Isolation

#### Website Extensions

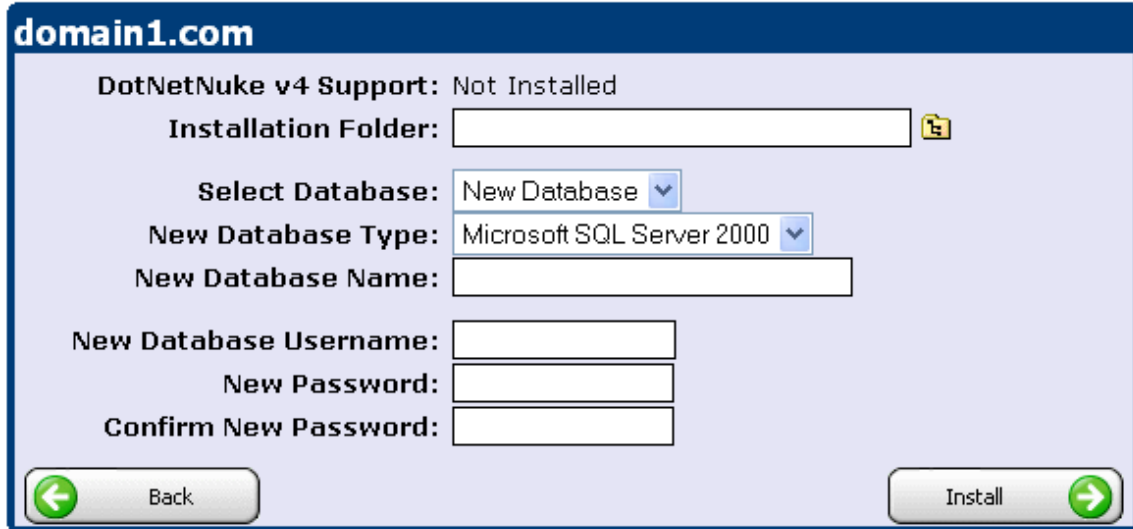
**ASP:**  Installed  
**ASP.Net:**   
**Perl:**  Installed  
**PHP:**   
**Python:**  Installed  
**CGI-Bin:**  Installed  
**ColdFusion:**  Installed

At the bottom under Website Extensions, change **ASP.Net** to Version 2 and click "Save".

You are now ready to install DotNetNuke v4 on the domain. Click "Application Packs" from the Domain Menu, then click DotNetNuke v4 from the list:


## DotNetNuke v4 Support

This page allows you to install or remove DotNetNuke v4 Support for this domain.



**domain1.com**

**DotNetNuke v4 Support:** Not Installed

**Installation Folder:**  

**Select Database:** New Database ▼

**New Database Type:** Microsoft SQL Server 2000 ▼

**New Database Name:**

**New Database Username:**

**New Password:**

**Confirm New Password:**

An explanation of each field is as follows:

**Installation Folder:-** This is the folder that the DotNetNuke portal files will be installed to. If left blank, it will be installed at the root folder (wwwroot). It is advisable (but not necessary) to use a separate folder rather than install to the root.

**Select Database:-** Here you can select an existing database that you have already set up in Helm. Choose it from the dropdown box, and the form will change accordingly for you to then select the database user from a dropdown, or create a new one.

**New Database Type:-** If you would like to create a new SQL database for DNN instead of using an existing one, choose the type of database you wish to use. The options here will depend what SQL services you have set up in Helm, but DNN can be created on a SQL 7, SQL 2000 or SQL 2005 database.

**New Database Name:-** Enter the name of the new database for DNN.

**New Database Username:-** Enter a new username which will have access to the DNN database.

**Password:-** Enter the password you wish to assign to this database user.

**Confirm Password:-** Confirm the password you just typed.

Click "Install" to install the DotNetNuke support on the domain:

## DotNetNuke v4 Support

This page allows you to install or remove DotNetNuke v4 Support for this domain.

DotNetNuke v4 Support has been successfully installed

**domain1.com**  
**DotNetNuke v4 Support:** Installed  
**DotNetNuke Domain:** <http://www.domain1.com/dotnetnuke>  
**Current Version:** 4.0.3

Now you have DNN supported on a domain, you need to install the portal itself. This is very simple; just click on the DotNetNuke Domain link (in the above example it is <http://www.domain1.com/dotnetnuke>). This will open the domain in the browser, and start the DNN portal installation:

## Installing DotNetNuke

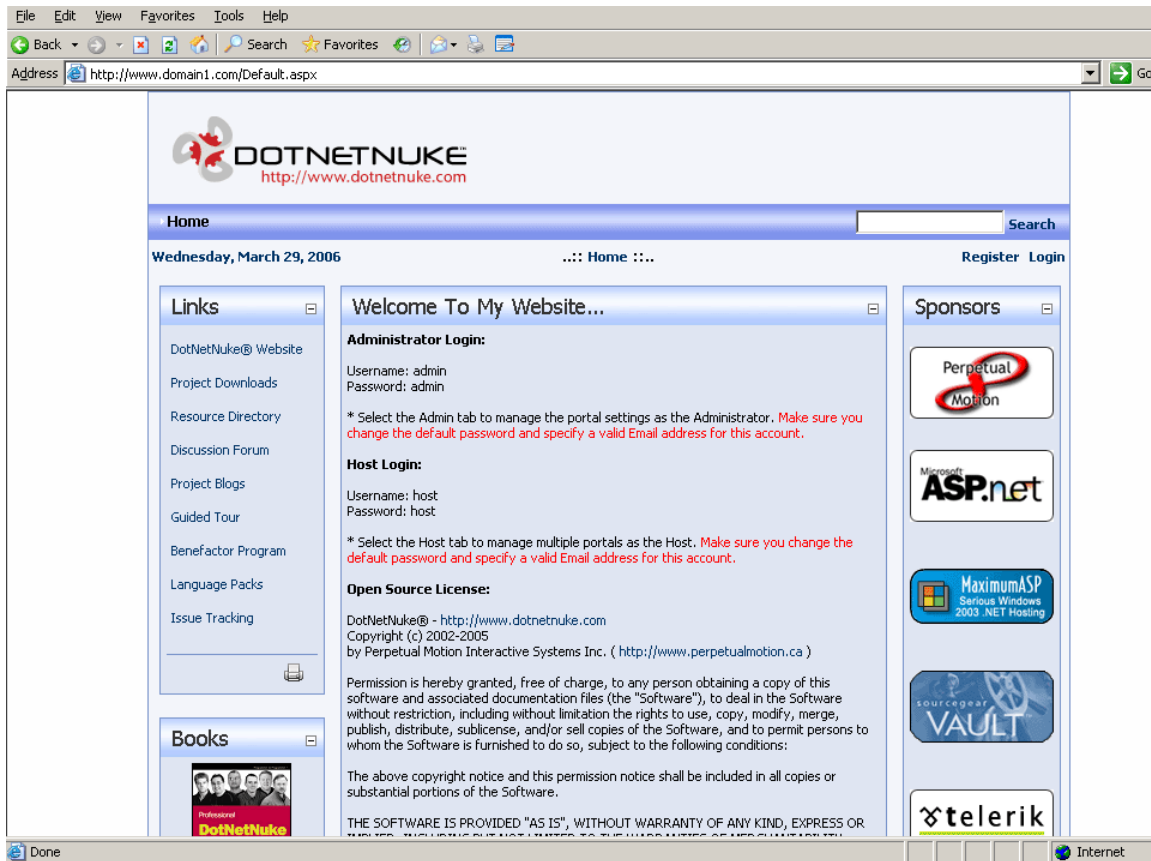
Version: 04.00.03

### Installation Status Report

```
00:00:00.062 - Installing Version: 3.1.0
00:00:00.093 - Installing Script: DotNetNuke.Setup.SqlDataProvider
00:00:00.171 - Installing Script: DotNetNuke.Schema.SqlDataProvider
00:00:11.234 - Installing Script: DotNetNuke.Data.SqlDataProvider
00:00:15.359 - Installing MemberRole Provider:
00:00:15.359 - Executing InstallCommon.sql
00:00:16.453 - Executing InstallMembership.sql
00:00:17.843 - Executing InstallProfile.sql
00:00:18.500 - Executing InstallRoles.sql
00:00:19.500 - Upgrading to Version: 3.1.1
00:00:22.734 - Upgrading to Version: 3.2.0
00:00:22.953 - Upgrading to Version: 4.0.0
00:00:23.453 - Upgrading to Version: 4.0.1
00:00:23.546 - Upgrading to Version: 4.0.2
00:00:23.578 - Upgrading to Version: 4.0.3
00:00:23.609 - Performing General Upgrades
00:00:23.984 - Loading Host Settings:
00:00:24.328 - Configuring SuperUser:
00:00:25.171 - Installing Desktop Modules:
00:00:25.171 - Installing Modules:
00:00:25.218 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\Announcements_3.1_Install.zip:
00:00:26.828 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\Contacts_3.1_Install.zip:
00:00:27.640 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\Discussions_3.1_Install.zip:
00: - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\Documents_3.1_Install.zip:
00:00:28.281 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\Events_3.1_Install.zip:
00:00:28.671 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\FAQs_3.1_Install.zip:
00:00:28.984 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\Feedback_3.1_Install.zip:
00:00:29.015 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\HTML_3.1_Install.zip:
00:00:29.296 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\IFrame_3.1_Install.zip:
00:00:29.390 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\Image_3.1_Install.zip:
00:00:29.515 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\Links_3.1_Install.zip:
00:00:30.421 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\NewsFeeds_3.1_Install.zip:
00:00:30.500 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\Survey_3.1_Install.zip:
00:00:31.015 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\UserDefinedTable_3.1_Install.zip:
00:00:31.609 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\UsersOnline_3.1_Install.zip:
00:00:31.750 - Installing Module File c:\domains\domain1.com\wwwroot\dotnetnuke\Install\Module\XML_3.1_Install.zip:
00:00:31.859 - Executing Additional Scripts:
00:00:31.875 - Creating Portal: My Website
00:00:39.765 - Successfully Installed Portal 0:
00:00:39.765 - Installing Optional Resources:
```

Installation Complete

Once done, you can click where it specifies (“Click Here To Access Your Portal”) in order to access your new DNN portal:



DotNetNuke v4 has now been successfully installed on your domain.

## Notes about the DNN Application Pack

There are a couple of known attributes of the DNN Application Pack that you may need to be aware of.

- 1.) Uninstalling DNN from a domain via Helm will **not** remove the DNN files from the domain's webspace. Should the domain need DNN removed, it should be uninstalled from Helm and then the DNN files deleted from the domain's website folder.
- 2.) If you set a package to allow a DNN installation, then it will allow DNN to be installed on **all** domains under that package, regardless of how many "installations" you have set to be allowed for that package.
- 3.) You can only install one version of DNN on a domain at one time. If you want to change versions, you need to uninstall the existing version of DNN on the domain through Helm and then install the other version.