

DotNetNuke Application Pack Guide

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

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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.

IMPORTANT:- You only need to install the Application Pack on the Helm control server, not the Helm remote servers.

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:

ODBC DSNs:

Sub Domains:

ASP: domains

ASP.NET: domains

ASP.NET 2: domains

Perl: domains

PHP 4: domains

PHP 5: domains

Python: domains

CGI-BIN: domains

ColdFusion: domains

ColdFusion DSNs: domains

FrontPage Webs: domains

Virtual Directories: domains

Shared SSL: domains

Secure Folders: domains

DotNetNuke Portal: installations

Allow Web Forwarding:

Allow Parent Paths:

Allow Website Permissions:

Default Docs:

Custom Error Pages:

MIME Type Editor:

File Manager:

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

In Helm, go to the domain that you want to install 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 →



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

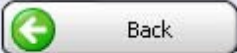
On the next screen, you'll see the DotNetNuke versions you have installed in the list of available Application Packs:

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




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: 

Select Database:

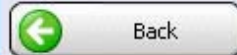

New Database Type:

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 v3 Support

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

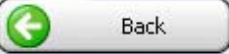
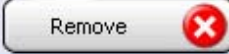

DotNetNuke v3 Support has been successfully installed

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

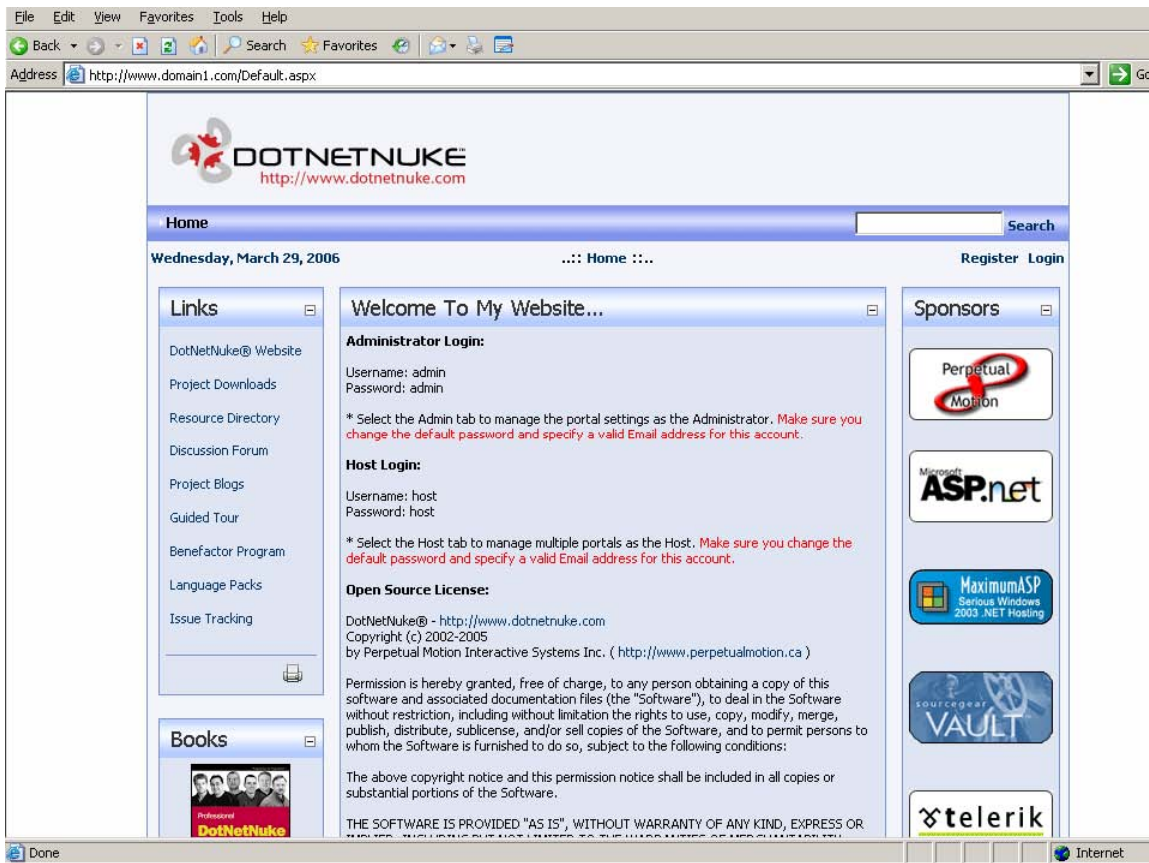
Installation Status Report

```
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\Dccuments_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\Feadback_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\Irrage_3.1_Install.zip:
00:00:29.015 - Installing Module File c:\domains\domain1.com\wwwroot\Install\Module\Lirks_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:

Application Pool Isolation

Website Extensions

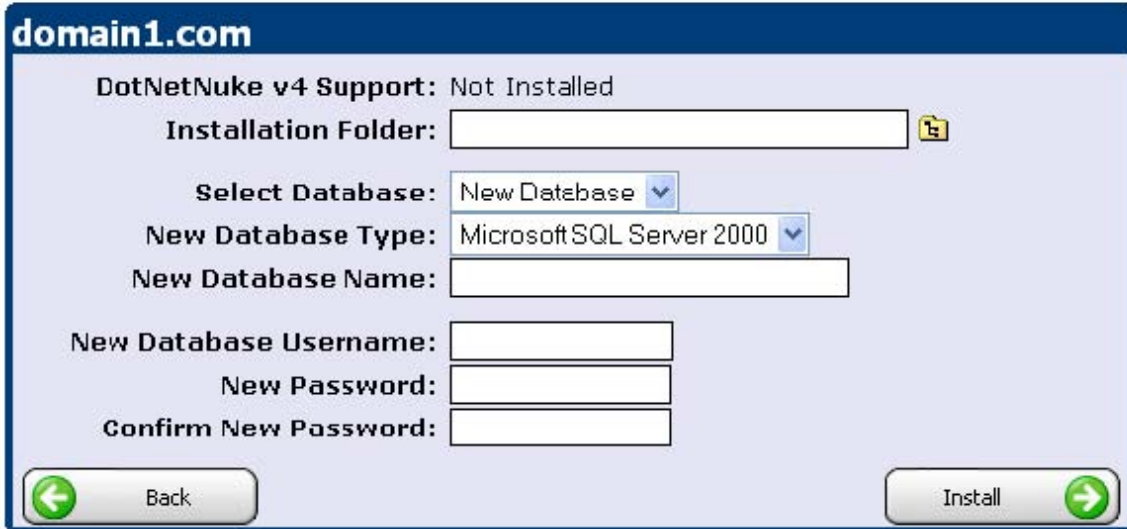
ASP: Installed
ASP.Net:
Perl: Available
PHP:
Python: Available
CGI-Bin: Available
ColdFusion: Available

At the bottom under Website Extensions, change **ASP.Net** to Version 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.