# Synology NAS

Система NAS Synology раньше предоставляла пакет DokuWiki в своем менеджере пакетов. Начиная с выпуска DSM 7.0 это уже не так. Вместо этого вам нужно вручную установить «ДокуВики» с помощью приложения «Веб-станция».

# Installing DokuWiki on DSM 7.0+

В настоящее время Synology не предоставляет пакет для установки Dokuwiki на Diskstation с DSM 7. Эта процедура должна помочь установить Dokuwiki на Synology Diskstation с DSM 7.

В DSM: Центр пакетов: установка веб-станции

Используйте веб-сервер Apache для «ДокуВики» (необязательно): Установите Apache 2.4 через Центр пакетов. Совет: перейдите на панель состояния веб-станции и щелкните стрелку в столбце управления, это приведет вас к пакету установки Apache в Центре пакетов. Установите PHP 7 (.2, .3 или .4) через Центр пакетов Совет: перейдите на панель состояния веб-станции и щелкните стрелку в столбце управления, это приведет вас к пакету установки PHP в Центре пакетов.

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🗐 Status	РНР								
🕒 Web Service Portal	Create	Edit Delete							
Script Language Settings	Service	Status	Profile name	PHP version	Description				
	∧ Customized Profile								
Error Page Settings	User-defin	ed Available	Default Profile	PHP 7.4	Default PHP 7.4 Pro				
Edi	t PHP profile				×				
Se	ettings Extensio	ns FPM Core							
	Name	Description							
	bcmath	bcmath For arbitrary precision mathematics PHP offers the Binary Calculator which su							
(	✓ bz2	bz2 The bzip2 functions are used to transparently read and write bzip2 (.bz2) co							
	calendar	calendar The calendar extension presents a series of functions to simplify converting b							
	curl	The curl extension al	lows you to connect ar	nd communicate to m	nunicate to many different				
	dba	These functions build the foundation for accessing Berkeley DB style databas							
	exif	With the exif extension	on you are able to worl	able to work with image meta data.					
	ftp	ftp The functions in this extension implement client access to files servers speaki							
(	🖌 gd	Enables Creation and manipulation of images in various formats.							
	gettext	The gettext function	s implement an NLS (Na	ative Language Suppo	ort) API whic				
	gmp	These functions allow you to work with arbitrary-length integers using the GN							
	iconv	iconv With iconv extension, you can turn a string represented by a local cha							
	imagick	This module helps yo	ageMagick lib						
	imap	These functions enab	ole you to operate with	the IMAP protocol, a	as well as the				
	intl	Internationalization o	vtoncion (further is ref	orrod as Intl\ is a wra	ppor for ICU				

### Save the settings!

**On your PC:** Download DokuWiki: https://download.dokuwiki.org/

#### On DSM:

- Go to File Station
  - Select left the Web Folder
  - Upload the downloaded Archive from DokuWiki (TGZ)
  - Right Mouseclick on the Archive in File Station and select Extract... → Extract here
  - Do the same with the new File (TAR)
  - $\circ\,$  You have now the Folder «dokuwiki» in your Web-Folder
  - $\circ\,$  Delete TGZ and TAR File
- · Go to Web Station and select «Web Service Portal»
  - Edit the default server
    - If installed Apache: Httpback-end server: select Apache
  - PHP: Select the created Profile (Default Profile 7.x)

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		HTTP back	c-end	Apache HTTP S	erver 2.4 🔻						

- File Station: Setup Permissions for Folders
  - Go to Web Folder
  - Select dokuwiki Folder
  - Right Click on data Folder
    - Properties  $\rightarrow$  Permission  $\rightarrow$  Create:
      - User or Group: http
      - Select Read and Write
      - Click Done
      - Click Save

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File Station				?	- 🗆 X		
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<ul><li>Download</li><li>photo</li></ul>	Create -	Upload - Action -	Tools - Settings		≡ - ≣+		
▼ web	Name	Properties			x		
dokuwiki	in 📄		Permission Editor		×		
web_images	conf	General Permission					
web_packages	i data	Create Delete I	User or group:	<u> 🎗</u> http	• Y •		
	inc .		Inherit from:	<none></none>			
	lib	User or group	Туре:	Allow	•		
	vendor		Apply to:	۵	•		
	ntacces:	1 http	Permission				
		administrators	Fermission				
	feed php	L http	Take ownership				
	index phr		▼ ✓ Read	_			
	install.ph		Traverse folders/I	Execute files			
	README	Read attributes					
			Read extended at	ttributes			
			Read permissions				
			🗸 🗸 Write				
			Create files/Write	e data			
		Apply to this folder, s	Create folders/Ap	opend data			

#### Repeat this steps for folders: dokuwiki/conf, dokuwiki/lib/plugins and dokuwiki/lib/tpl

Go to http://IPofSynology/dokuwiki/install.php

Done.

# **Upgrading from DSM 6**

There are several possible ways to switch from a package installation to a direct installation.

### Copy, Uninstall, Copy back, Upgrade DSM

- copy the directory «dokuwiki» to another location outside the «web» folder
- uninstall the package «Dokuwiki» via the package manager
- copy the «dokuwiki» directory back to the «web» folder
- upgrade to DSM 7

Some users report problems with permissions after this procedure: User Forum: Dokuwiki package no longer supported in Synology DSM 7. If this problem occurs, a complete reinstallation is recommended.

### Backup, Uninstall, Upgrade DSM, Restore

This procedure is taken from User Forum: Manual install of Dokuwiki in a Synology NAS running DSM6.2 It is the same procedure as for a complete new installation. Only the backup of the data is added and the procedure for this is described.

- 1. Install the Backup Tool Plugin straight from the plugin manager of your existing DokuWiki install and make a backup from the admin page (tab every box for backup to be sure). Save the .tar archive to a other location than your Synology.
- 2. To be extra save; copy the nas/DokuWiki folder from your Synology to a other location.
- 3. Delete the DokuWiki package with the Package Center.
- 4. Upgrade to DSM 7 (see instructions on the official Synology site)
- 5. Go to Webstation in DSM → PHP Setting (scripttaalinstellingen in my native language) → Create/Make → Profile name: Dokuwiki → Profile description: Dokuwiki → PHP version: PHP 7.4 → Save/Ok.
- 6. Go to Webserviceportal (still in Webstation) and choose for HTTP back-endserver: Apache HTTP Server 2.2 (because of the permissions) and PHP: Dokuwiki (PHP 7.4.) → Save.
- 7. Go to the tab Extensions and enable: openssl and zlib and click Save
- Go to File Station and navigate to web → dokuwiki folder. Rightclick on the folder: data → Properties → Permissions → Make → Choose for user «http» → and check Write (which will check all underlying boxes) and choose: Save/Ok
- 9. Do the same for the folders: conf and lib/plugins and lib/tpl.
- Download the stable: 2020-07-29 «Hogfather» release here (this is the same version as the latest Synology package for DMS 6, if in the meantime a new version is out, download this one from the DokuWiki archive.
- 11. Extract this archive to the web folder (default name and location: web/dokuwiki)
- 12. Run the installer (from /web/dokuwiki/install.php) and just use your existing info or something else, these setting will be overwritten from the backup in the next step.
- 13. Install the Backup Tool Plugin straight from the plugin manager for this new clean version.
- 14. Open the backup .tar archive made in step 1 (use an archive manager like 7 zip) and copy over the folders: conf, data and lib to the web/dokuwiki folder overwriting any possibly existing files.
- 15. Delete /web/dokuwiki/install.php file and check if this file is not accessible from the internet: https://yournasadres/dokuwiki/data/pages/wiki/dokuwiki.txt. If it is than doublecheck your permissions.

Thanks to DokuwikiSyno for this guide.

# See also

- Dokuwiki package no longer supported in Synology DSM 7
- Manual install of Dokuwiki in a Synology NAS running DSM6.2

From: http://www.vladpolskiy.ru/ - **book51.ru** 

Permanent link: http://www.vladpolskiy.ru/doku.php?id=software:nas:install\_synology\_dokuwiki



