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2-Factor-Authentication (2FA)

Two-factor authentication (2FA), often also called two-factor authentication, describes a user's proof of identity by means of a combination of two different and, in particular, independent components (factors). Typical examples are bank cards and PINs for ATMs, fingerprints and access codes in buildings, or passphrase and transaction number (TAN) for online banking.

2FA in BlueSpice

The extensions [OATHAuth](#) und [Webauthn](#) make it possible to implement 2FA in BlueSpice. Both extensions are deactivated in BlueSpice 3.2.x by default. They have to be configured explicitly after activation.

- OATHAuth enables 2FA via one-time password
- WebAuthn enables 2FA via FIDO sticks, Windows Hello!, etc.

Single-sign on (SSO): If an external authentication source (SAML, OpenIDConnect und LDAP) is implemented, we recommend to execute 2FA within these sources and not inside the wiki. Compatibility with SAML, OpenIDConnect or LDAP have not yet been tested in BlueSpice.

2FA is not possible with true SSO (LDAP/Kerberos).

2FA in BlueSpice

Extension	3.2x	BS 4.0 (cloud)	BS 4.1
OATHAuth	deactivated	activated	activated
Webauthn	not included, but can be installed manually	not available	activated

➔ [Technical Reference: OATHAuth](#)

Reference:OATHAuth

Extension: OATHAuth

➔ [all extensions](#)

Overview			
Description:	Provides authentication support using HMAC-based one-time passwords		
State:	stable	Dependency:	MediaWiki
Developer:	Ryan Lane	License:	GPL v2+ and GPL v3+
Type:	MediaWiki	Category:	Infrastructure
Edition:	BlueSpice free (deactivated), BlueSpice pro (deactivated), BlueSpice Farm (deactivated), BlueSpice Cloud	Version:	4.1+
? View help page			

The **OATHAuth** extension is a time-based one-time password [\[1\]](#) (TOTP) implementation. It provides two-factor authentication [\[2\]](#) via something you have (your phone or desktop client) and something you know (your user name/password). Client support is available for most feature phones, smartphones and desktops (see Client implementations [\[3\]](#)).

Accessibility

Test status:	2-testing complete
Last test date:	2022-10-10
Extension type:	backend

Reference:WebAuthn

Extension: WebAuthn

[↪ all extensions](#)

Overview	
	Module for the OATHAuth extension that provides authentication using the WebAuthn

Overview			
Description:	API. (starting at v.4.1)		
State:	beta	Dependency:	MediaWiki
Developer:	HalloWelt	License:	GPL v2
Type:	MediaWiki	Category:	Infrastructure
Edition:	BlueSpice pro, BlueSpice Farm, BlueSpice Cloud	Version:	4.1+
For more info, visit Mediawiki .			

Features

WebAuthn is a module for [OATHAuth](#) extension that provides authentication using the [WebAuthn](#) API.

WebAuthn enables support for logging-in using physical security tokens or biometric sensors along with regular password.

Technical information

For more information about installation and browser support, visit [mediawiki.org](#).

Rights (permissions)

This extension does not provide any special rights.

Requirements

WebAuthn requires the extensions [OATHAuth](#) and [GMP php](#) to be installed.

Accessibility

Test status:	2-testing complete
Last test date:	2022-08-05
Extension type:	backend