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## Reference:OATHAuth

### Extension: OATHAuth

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

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

|                        |                       |
|------------------------|-----------------------|
| <b>Test status:</b>    | 2-testing<br>complete |
| <b>Last test date:</b> | 2022-10-10            |
| <b>Extension type:</b> | backend               |

### Category:Extension

Extensions that are bundled with one or more BlueSpice pro editions.

## Pages in category "Extension"

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The following 200 pages are in this category, out of 214 total.

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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

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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](#)



