

# Configuration

## Access rights

### Roles

This section gives an overview of the Indeed PAM system access roles: Administrator, Operator, and Inspector. To get more information about access rights, please click on the appropriate role.

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## Configuration - Roles

| Access rights         | ROLE NAME                     | DESCRIPTION                                             |
|-----------------------|-------------------------------|---------------------------------------------------------|
| Roles                 | <a href="#">Administrator</a> | Full access to all system's functions and settings      |
| Global administrators | <a href="#">Operator</a>      | Access only to user settings and authentication devices |
| Authenticators        | <a href="#">Supervisor</a>    | Readonly access to all system's data and settings       |
| Fingerprint (Digent)  |                               |                                                         |

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## Configuration - Operator

| Access rights               | Summary                            |                                                         |
|-----------------------------|------------------------------------|---------------------------------------------------------|
| Roles                       | Title                              | Operator                                                |
| Global administrators       | Description                        | Access only to user settings and authentication devices |
| Authenticators              | Access rights                      |                                                         |
| Fingerprint (Digent)        | OPERATION                          | STATUS                                                  |
| Fingerprint (Futronic)      | Authenticators enrollment          |                                                         |
| Hardware HOTP generator     | Enroll first authenticator         | <input checked="" type="checkbox"/>                     |
| Multi-factor authentication | Enroll any authenticator           | <input checked="" type="checkbox"/>                     |
| One-time password via SMS   | Authenticators management          |                                                         |
| Palm Vein Pattern           | Read user authenticators           | <input checked="" type="checkbox"/>                     |
| Passcode                    | Disable user authenticators        | <input checked="" type="checkbox"/>                     |
| Push-authentication         | Enable user authenticators         | <input checked="" type="checkbox"/>                     |
| RFID card (HID OMNIKEY)     | Delete user authenticators         | <input checked="" type="checkbox"/>                     |
| RFID card (iButton Reader)  | Unlock user authentication methods | <input checked="" type="checkbox"/>                     |
| RFID card (Z2 USB)          |                                    |                                                         |
| Windows Password            |                                    |                                                         |

### Global administrators

This section shows the global system administrators for each subgroup. To add an administrator, please follow these steps:

1. Click **Add** and select the appropriate role.
2. Select the object type – User or Group.
3. Specify the location – an entire user folder or a separate container.
4. To run a search, please enter the name or its part in the **Name** field.
5. Click **Search**.
6. Select a user and click on the **Add** button.

+ Add
✕ Cancel

---

Name

Object type

opera

User

Group

Location

Entire catalog

Select

Search

Reset

| NAME                                                                                                                                         | OBJECT TYPE | LOCATION                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------|
| <input checked="" type="checkbox"/>  INDEED\Operator-Indeed | User        | indeed.local/Indeed/UsersIndeed/Operator |

7. Once the item has been successfully added, it will be displayed in a corresponding section.

#### Configuration - Global administrators

|                             |                                                                                                                           |                               |             |                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------|-------------------------------------------|
| Access rights               | + Add <span>✕</span> Delete                                                                                               |                               |             |                                           |
| Roles                       |                                                                                                                           |                               |             |                                           |
| Global administrators       | NAME <span>▼</span>                                                                                                       | SECURITY GROUP <span>⬇</span> | OBJECT TYPE | LOCATION                                  |
| Authenticators              | Administrator                                                                                                             |                               |             |                                           |
| Fingerprint (Digent)        | <input type="checkbox"/>  AdminsIndeed | Administrator                 | Group       | indeed.local/Indeed/UsersIndeed/AdminsInd |
| Fingerprint (Futronic)      | Operator                                                                                                                  |                               |             |                                           |
| Hardware HOTP generator     | <input type="checkbox"/>  Operator     | Operator                      | User        | indeed.local/Indeed/UsersIndeed/Operator  |
| Multi-factor authentication | Supervisor                                                                                                                |                               |             |                                           |
| One-time password via SMS   | <input type="checkbox"/>  Inspector    | Supervisor                    | User        | indeed.local/Indeed/UsersIndeed/Inspector |
| Palm Vein Pattern           |                                                                                                                           |                               |             |                                           |

## Authenticators

In this section, you can configure settings so that you can automatically lock/unlock authenticators. To do this, please follow these steps:

1. Select an authenticator.
2. Set the **Lock provider authentication in case of a series of failed attempts** parameter to **Yes**.
3. Set the permitted number of invalid attempts for the **Number of authentication attempts until blocking** parameter. Default value: 5
4. In the field **Reset locking counter in (minutes)**, set the lockout duration. Default value: 5
5. In the field **Login method unlocking timeout (minutes)**, set the timeout duration. Default value: 5
6. Click **Save**.

## Configuration - Push-authentication

Access rights

Roles

Global administrators

Authenticators

Fingerprint (Digent)

Fingerprint (Futronic)

Hardware HOTP generator

Multi-factor authentication

One-time password via SMS

Palm Vein Pattern

Passcode

Push-authentication

RFID card (HID OMNIKEY)

Save

Cancel

Lock provider authentication in case of a series of failed attempts

Yes

No

Number of authentication attempts until blocking ⓘ

5

Reset locking counter in (minutes) ⓘ

5

Login method unlocking timeout (minutes) ⓘ

5

### Access rights table

| Operations                       | Administrator | Operator    | Supervisor |
|----------------------------------|---------------|-------------|------------|
| <b>Authenticators enrollment</b> |               |             |            |
| Enroll first authenticator       | blocked URL   | blocked URL |            |
| Enroll any authenticator         | blocked URL   |             |            |
| <b>Authenticators management</b> |               |             |            |

|                                         |                             |                             |                             |
|-----------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Read user authenticators                | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Disable user authenticators             | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Enable user authenticators              | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Delete user authenticators              | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Unlock user authentication methods      | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Get user authentication method          | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Enable user authentication methods      | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Disable user authentication methods     | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Get user authentication method state    | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Set auth method settings                | <a href="#">blocked URL</a> |                             |                             |
| Get auth method settings                | <a href="#">blocked URL</a> |                             | <a href="#">blocked URL</a> |
| Set user auth method settings           | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Get user auth method settings           | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Set module auth method settings         | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Get module auth method settings         | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Set authenticator rights                | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Get authenticator rights                | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Set auth method settings for policy     | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Get auth method settings for policy     | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| <b>License management</b>               |                             |                             |                             |
| Register licenses                       | <a href="#">blocked URL</a> |                             |                             |
| Unregister licenses                     | <a href="#">blocked URL</a> |                             |                             |
| Enumerate registered licenses           | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Acquire user licenses                   | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Release user licenses                   | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Enumerate user licenses                 | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| <b>Access control management</b>        |                             |                             |                             |
| Add catalog object to access group      | <a href="#">blocked URL</a> |                             |                             |
| Remove catalog object from access group | <a href="#">blocked URL</a> |                             |                             |
| Enumerate access group members          | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| <b>Hardware devices management</b>      |                             |                             |                             |
| Create hardware device                  | <a href="#">blocked URL</a> |                             |                             |
| Update hardware device                  | <a href="#">blocked URL</a> |                             |                             |

|                                 |                             |                             |                             |
|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Enumerate hardware devices      | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Remove hardware device          | <a href="#">blocked URL</a> |                             |                             |
| <b>Policies management</b>      |                             |                             |                             |
| Create policy                   | <a href="#">blocked URL</a> |                             |                             |
| Update policy                   | <a href="#">blocked URL</a> |                             |                             |
| Remove policy                   | <a href="#">blocked URL</a> |                             |                             |
| Get policies                    | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Get policy users                | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Set policy users                | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Get policy applications         | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Set policy applications         | <a href="#">blocked URL</a> |                             |                             |
| Get policy priority             | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Set policy priority             | <a href="#">blocked URL</a> |                             |                             |
| <b>User cache management</b>    |                             |                             |                             |
| Enable cache                    | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Disable cache                   | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Check cache enabled             | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Set cache settings              | <a href="#">blocked URL</a> |                             |                             |
| Get cache settings              | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| <b>User accounts management</b> |                             |                             |                             |
| Create account                  | <a href="#">blocked URL</a> |                             |                             |
| Remove account                  | <a href="#">blocked URL</a> |                             |                             |
| Get account                     | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Get account state               | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Set password                    | <a href="#">blocked URL</a> |                             |                             |
| Check for password is set       | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Set login                       | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Get login                       | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Set account settings            | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Get account settings            | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Set custom fields               | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Get custom fields               | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Change password random          | <a href="#">blocked URL</a> |                             |                             |

|                                         |                             |                             |                             |
|-----------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Change password                         | <a href="#">blocked URL</a> |                             |                             |
| <b>Business applications management</b> |                             |                             |                             |
| Get applications                        | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |
| Create application                      | <a href="#">blocked URL</a> |                             |                             |
| Set application                         | <a href="#">blocked URL</a> | <a href="#">blocked URL</a> |                             |
| Remove application                      | <a href="#">blocked URL</a> |                             |                             |