

ldap.json

ldap.json provides the necessary data to search and validate users in LDAP/AD (in follow text will be used simply ldap) during login process. Documentation of all available options can be found on <https://www.npmjs.com/package/passport-ldapauth>. Several options are mandatory and set in code, so they are not needed in ldap.json:

```
"passReqToCallback": true,  
  "handleErrorsAsFailures": true
```

Generic Options

The following options are generic for the passport-ldapauth and used in the project:

connection options:

```
url - url of ldap server;  
  
bindDN - ldap user has appropriate rights to execute search queries;  
  
bindCredentials - password of above user;
```

user search options:

```
searchBase - starting point for the search in the directory tree;  
  
searchFilter - searching filter (http://www.faqs.org/rfcs/rfc2254.html);  
  
usernameField - name of login name in passport middleware;  
  
passwordField - name of password field in passport middleware;
```

inSuite Options

Following options is specific to your Doccirrus inSuite installation:

ldap group searching options:

```
groupsBase - where to start searching for groups;  
  
groupsQuery - searching filter;  
  
groupsLookIn - field name for looking for group membership data (e.g. for posix groups: memberUid, for Active Directory groups: members)  
  
groupsRegex - template of the regex for match user to the groups membership string. In this template can be used placeholder {{name of the field from user entry in ldap}} (e.g. {{givenName}}, {{dn}}, etc. )  
  
defaultDCGroup - DC group that will be assigned (on creation or on change) for the DC user in case if any ldap groups are found for requested user
```

Passport Options

field name mapping option:

profileFields - set mapping for the below fields key - DC name - value ldap name

```
  username, lastname, firstname, mail
```

profileFields

groups - list of mapping object to match DC group name to the ldap group name (cn)

ldapMemberOf - ldap group name

group - DC group name

Examples

General Example

```
{
  "server": {
    "url": "ldap://localhost:10389",
    "bindDN": "uid=admin,ou=system",
    "bindCredentials": "secret",
    "searchBase": "ou=dc-cirrus.com",
    "groupsBase": "ou=ADGroups,dc=test,dc=com",
    "groupsQuery": "(&(cn=dc_*)(member=*))",
    "groupsLookIn": "member",
    "groupsRegex": "{{dn}}",
    "defaultDCGroup": "USER",
    "searchFilter": "(uid={{username}})",
    "usernameField": "username",
    "passwordField": "password",
    "profileFields": {
      "username": "uid",
      "lastname": "sn",
      "firstname": "givenName",
      "mail": "mail",
      "groups": [{
        "ldapMemberOf": "dc_administrators",
        "group": "ADMIN"
      },
      {
        "ldapMemberOf": "dc_helpdesk",
        "group": "CONTROLLER"
      }
    ]
  }
}
```

example of group searching in Active Directory

```
"groupsBase": "ou=ADGroups,dc=test,dc=com",
"groupsQuery": "(&(cn=dc_*)(member=*))",
"groupsLookIn": "member",
"groupsRegex": "cn *?= *?['\\"]{0,1}{{cn}}['\\"]{0,1}",
```

example of group searching in POSIX groups

```
"groupsBase": "ou=groups,dc=test,dc=com",  
  "groupsQuery": "(&(cn=dc_*)(memberUid=*))",  
  "groupsLookIn": "memberUid",  
  "groupsRegexp": "{{uid}}",
```