

# Jans-Cli feedback

## 1. Warning

**Feedback:** The warning is not affirmative – ‘WARNING! This software is experimental’

**Suggestion:** If this is not required then should be removed

```
*** WARNING! This software is experimental ***
Main Menu
-----
1 Attribute
2 Default Authentication Method
3 Cache Configuration
4 Cache Configuration - Memcached
5 Cache Configuration - Redis
6 Cache Configuration - In-Memory
7 Cache Configuration - Native-Persistence
8 Configuration - Properties
9 Configuration - Fido2
10 Configuration - SMTP
11 Configuration - Logging
12 Configuration - JWK - JSON Web Key (JWK)
```

## 2. Main Menu

**Feedback:** To go through menu

**Suggestion:** Menu to be grouped based on Tag like

### Configuration

Properties

Cache

Fido2

SMTP

Logging

### OAuth

OpenID Connect – Clients

UMA Resources

Scopes

### Health

.....

...

```
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Main Menu
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1 Attribute
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4 Cache Configuration - Memcached
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6 Cache Configuration - In-Memory
7 Cache Configuration - Native-Persistence
8 Configuration - Properties
9 Configuration - Fido2
10 Configuration - SMTP
11 Configuration - Logging
12 Configuration - JWK - JSON Web Key (JWK)
13 Custom Scripts
14 Database - LDAP configuration
15 Database - Couchbase configuration
16 OAuth - OpenID Connect - Clients
17 OAuth - UMA Resources
18 OAuth - Scopes
19 Statistics - User
20 Health - Check
21 Server Stats
22 SCIM - User Management
23 SCIM - Config Management
24 Organization Configuration
25 Auth Server Health - Check
26 Admin UI - Role
27 Admin UI - Permission
28 Admin UI - Role-Permissions Mapping
29 Admin UI - License
b: back, q: quit x: logout and quit
Selection: |
```

### 3. Creation of resource like attributes, clients

**Feedback#1:** Acceptable values should be displayed before user input

**Suggestion:** Acceptable values should be displayed while prompting for input

```
Attribute
-----
1 Gets a list of Gluu attributes
2 Adds a new attribute
3 Updates an existing attribute
4 Gets an attribute based on inum
5 Deletes an attribute based on inum
6 Partially modify a GluuAttribute
b: back, q: quit x: logout and quit

selection: 2

«Name of the attribute. Type: string»
Example: name, displayName, birthdate, email
name: abc

«Type: string»
displayname: display name for abc

«User friendly descriptive detail of attribute. Type: string»
description: desc

«Data Type of attribute. Type: string»
datatype: string
Please enter one of STRING, NUMERIC, BOOLEAN, BINARY, CERTIFICATE, DATE, JSON
datatype: STRING

«Attribute status. Type: string»
status: active
Please enter one of ACTIVE, INACTIVE, EXPIRED, REGISTER
status: ACTIVE

«GluuUserRole. Type: array of string separated by _, Valid values: ADMIN, OWNER, MANAGER, USER, WHITEPAGES»
rolename: ADMIN

«GluuUserRole. Type: array of string separated by _, Valid values: ADMIN, OWNER, MANAGER, USER, WHITEPAGES»
rolename: ADMIN

Manipulate optional fields: n
Obtained Data:
{
  "dn": null,
  "inum": null,
  "name": "abc",
  "displayName": "display name for abc",
  "description": "desc",
}
```

```
*** WARNING! This software is experimental ***

OAuth - Scopes
-----
1 Gets list of Scopes
2 Create Scope
3 Updates existing Scope
4 Get Scope by Inum
5 Delete Scope
6 Update modified attributes of existing Scope by Inum
b: back, q: quit x: logout and quit

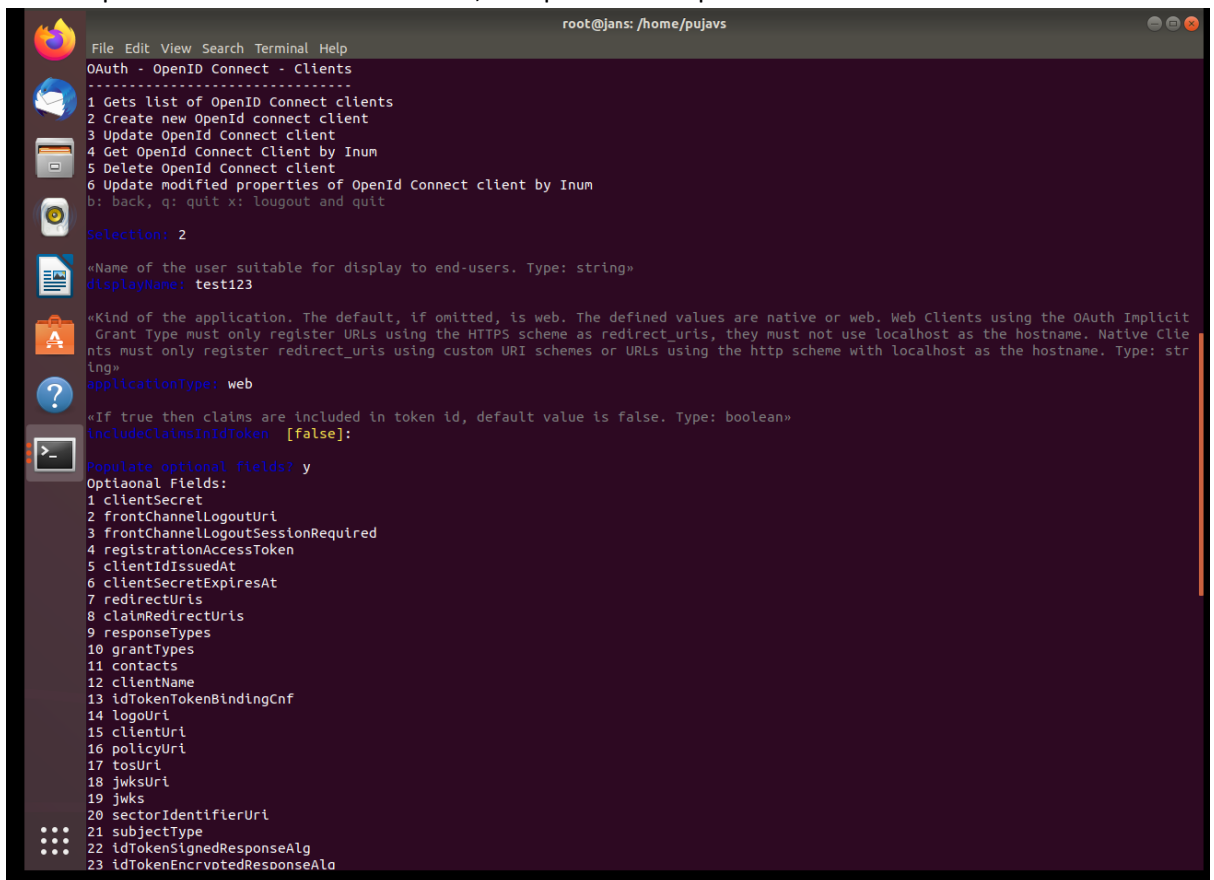
selection: 2

«The base64url encoded id. Type: string»
id: scope1

«The scopes type associated with Access Tokens determine what resources will. Type: string»
scopeType: abc
Please enter one of openid, dynamic, uma, spontaneous, oauth
scopeType:
```

**Feedback#2:** Too tedious to fill various fields especially creation of resources like client

**Suggestion:** Option to create resource with prefilled values or default JSON, accept JSON as input.



```
root@jans: /home/pujavs
File Edit View Search Terminal Help
OAuth - OpenID Connect - Clients
-----
1 Gets list of OpenID Connect clients
2 Create new OpenID connect client
3 Update OpenID Connect client
4 Get OpenID Connect Client by Inum
5 Delete OpenID Connect client
6 Update modified properties of OpenID Connect client by Inum
b: back, q: quit x: logout and quit

Selection: 2

«Name of the user suitable for display to end-users. Type: string»
displayName: test123

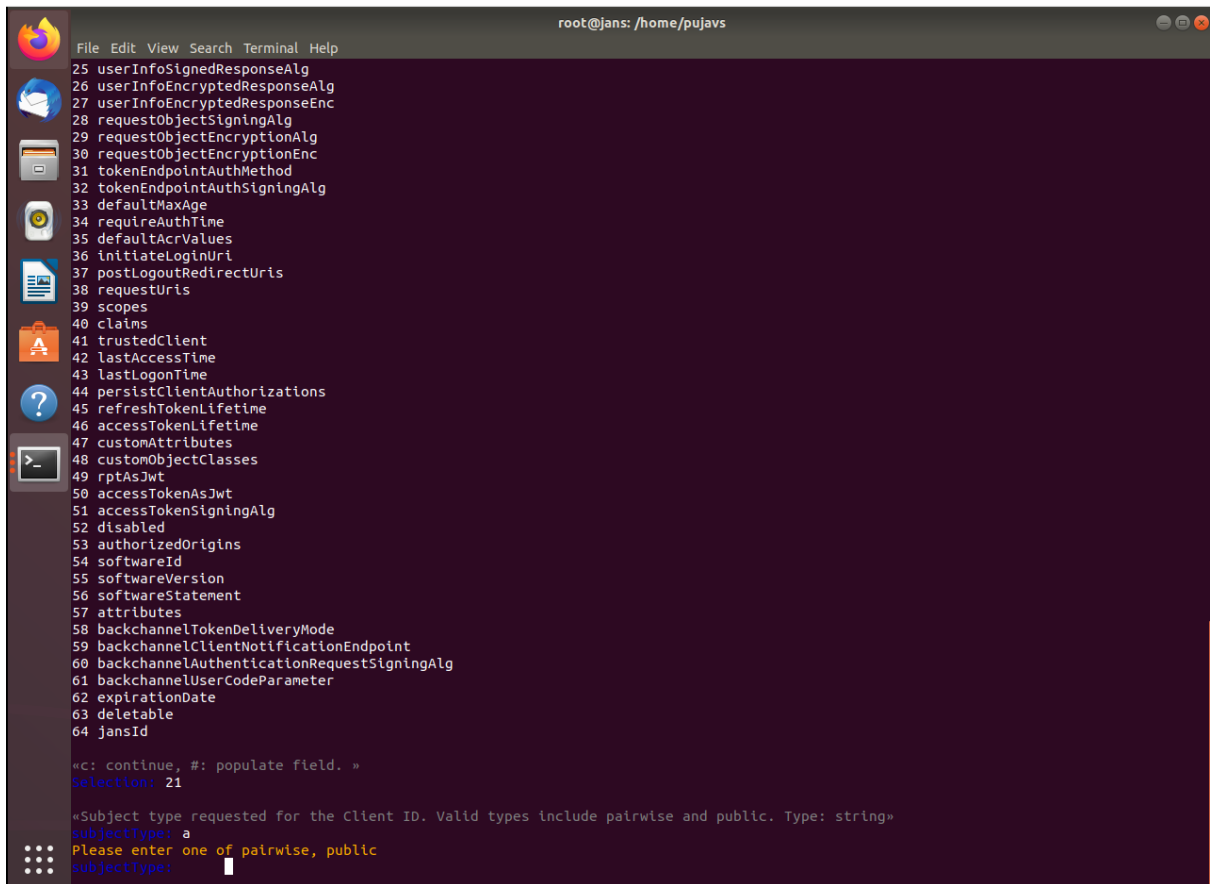
«Kind of the application. The default, if omitted, is web. The defined values are native or web. Web Clients using the OAuth Implicit Grant Type must only register URLs using the HTTPS scheme as redirect_uris, they must not use localhost as the hostname. Native Clients must only register redirect_uris using custom URI schemes or URLs using the http scheme with localhost as the hostname. Type: string»
applicationType: web

«If true then claims are included in token id, default value is false. Type: boolean»
includeClaimsInIDToken [false]:

Populate optional fields? y
Optional Fields:
1 clientSecret
2 frontChannelLogoutUri
3 frontChannelLogoutSessionRequired
4 registrationAccessToken
5 clientIssuedAt
6 clientSecretExpiresAt
7 redirectUri
8 claimRedirectUris
9 responseType
10 grantTypes
11 contacts
12 clientName
13 idTokenTokenBindingCnf
14 logoUri
15 clientUri
16 policyUri
17 tosUri
18 jwksUri
19 jwks
20 sectorIdentifierUri
21 subjectType
22 idTokenSignedResponseAlg
23 idTokenEncryptedResponseAlg
```

### Feedback#3: Optional fields

**Suggestion:** autofill field rather than taking input as field assigned number.



## 4. Patch Operations

**Feedback:** Patch operation should display example of JSON Patch Format

**Suggestion:**

```
[
  { "op": "test", "path": "/a/b/c", "value": "foo" },
  { "op": "remove", "path": "/a/b/c" },
  { "op": "add", "path": "/a/b/c", "value": [ "foo", "bar" ] },
  { "op": "replace", "path": "/a/b/c", "value": 42 },
  { "op": "move", "from": "/a/b/c", "path": "/a/b/d" },
  { "op": "copy", "from": "/a/b/d", "path": "/a/b/e" }
]
```

## 5. Input Validation

**Feedback:** Input to be validated to ensure no junk values are entered

**Suggestion:** Provide valid option as input options/enum

```
Please wait while retrieving data ...

Fields:
1 baseEndpoint
2 cleanServiceBatchChunkSize
3 cleanServiceInterval
4 disableJdkLogger
5 externalLoggerConfiguration
6 fido2Configuration
7 issuer
8 loggingLayout
9 loggingLevel
10 metricReporterInterval
11 metricReporterKeepDataDays
12 personCustomObjectClassList
13 useLocalCache
b: back, q: quit x: logout and quit

mq: quit, v: view, s: save, l: list fields #: update field. =>
#>view: 13

#Boolean value to indicate if Local Cache is to be used. Type: boolean=
#useLocalCache [true]:
b: back, q: quit x: logout and quit

mq: quit, v: view, s: save, l: list fields #: update field. =>
#>view: 12

#Custom object class list for dynamic person enrolment. Type: array of string separated by _=>
#personCustomObjectClassList ["jansCustomPerson", "jansPerson"]: jansCustomPerson
b: back, q: quit x: logout and quit

mq: quit, v: view, s: save, l: list fields #: update field. =>
#>view: 8

#Logging layout used for Fido2. Type: string=
#loggingLayout [text]: abc
b: back, q: quit x: logout and quit

mq: quit, v: view, s: save, l: list fields #: update field. =>
#>view: 9

#Logging level for Fido2 logger. Type: string=
#loggingLevel [INFO]: NEW
b: back, q: quit x: logout and quit

mq: quit, v: view, s: save, l: list fields #: update field. =>
#>view:
```

```
useLocalCache: False
personCustomObjectClassList: ["jansCustomPerson"]
loggingLayout: abc
loggingLevel: NEW

Continue? y
Please wait while posting data ...

{
  "issuer": "https://jans.server1",
  "baseEndpoint": "https://jans.server1/jans-fido2/restv1",
  "cleanServiceInterval": 60,
  "cleanServiceBatchChunkSize": 10000,
  "useLocalCache": false,
  "disableJdkLogger": true,
  "loggingLevel": "NEW",
  "loggingLayout": "abc",
  "externalLoggerConfiguration": "",
  "metricReporterInterval": 300,
  "metricReporterKeepDataDays": 15,
  "personCustomObjectClassList": [
    "jansCustomPerson"
  ],
  "fido2Configuration": {
    "authenticatorCertsFolder": "/etc/jans/conf/fido2/authenticator_cert",
    "mdsCertsFolder": "/etc/jans/conf/fido2/mds/cert",
    "mdsIocsFolder": "/etc/jans/conf/fido2/mds/toe",
    "serverMetadataFolder": "/etc/jans/conf/fido2/server_metadata",
    "requestedParties": [
      {
        "name": "https://jans.server1",
        "domains": [
          "jans.server1"
        ]
      }
    ]
  },
  "userAutoEnrollment": false,
  "unfinishedRequestExpiration": 180,
  "authenticationHistoryExpiration": 1296000,
  "requestedCredentialTypes": [
    "R5256",
    "E5256"
  ]
}
b: back, q: quit x: logout and quit

#>view:
```

## 6. SCIM and Admin UI

**Feedback:** If SCIM And Admin UI are not installed then their menu options should not be displayed

```
22 SCIM - User Management
23 SCIM - Config Management
24 Organization Configuration
25 Auth Server Health - Check
26 Admin UI - Role
27 Admin UI - Permission
28 Admin UI - Role-Permissions Mapping
29 Admin UI - License
b: back, q: quit x: logout and quit
```

```
root@jans: /home/pujavs
*** WARNING! This software is experimental ***
Admin UI - Role
-----
1 Get all admin ut roles
2 Add admin ut role
3 Edit admin ut role
4 Delete admin ut role
b: back, q: quit x: logout and quit
Selection: 2
role: Type: string
role: admin
Populate optional fields: n
Obtained Data:
{
  "role": "admin",
  "description": null
}
b: back, q: quit x: logout and quit
Selection: y
Please wait while posting data ...
{
  "servlet": "default",
  "message": "Not Found",
  "url": "/jans-config-api/admin-ut/user/roles",
  "status": "404"
}
b: back, q: quit x: logout and quit
selection:
```

## 7. Error

**Feedback:** User friendly exception should be thrown by the api and displayed by cli

```
*** WARNING! This software is experimental ***
Configuration - SMTP
-----
1 Returns SMTP server configuration
2 Adds SMTP server configuration
3 Updates SMTP server configuration
4 Deletes SMTP server configuration
5 Test SMTP server configuration
b: back, q: quit x: logout and quit
Selection: 5
Please wait while posting data ...
{
  "cause1": "java.lang.NullPointerException",
  "servlet": "io.jans.configapi.rest.ApiApplication",
  "cause0": "org.jboss.resteasy.spi.UnhandledException: java.lang.NullPointerException",
  "message": "org.jboss.resteasy.spi.UnhandledException: java.lang.NullPointerException",
  "url": "/jans-config-api/api/v1/config/smtp/test",
  "status": "500"
}
b: back, q: quit x: logout and quit
selection: |
```

## 8. Python UI

**Feedback:** Python UI can be developed however that might not be favorable for commercial admin-ui