

Cloud Foundry UAA Tutorial

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1. UAA local test

Shell 1

```
$ mkdir -p ~/Projects/github.com/cloudfoundry && cd $_  
$ [ -d uaa ] || git clone https://github.com/cloudfoundry/uaa  
$ cd uaa  
$ ./gradlew run
```

Shell 2

```
$ cd  
$ type uaac &> /dev/null || sudo gem install cf-uaac  
$ rm -f ~/.uaac.yml
```

```
$ uaac target http://localhost:8080/uaa  
Unknown key: Max-Age = 86400  
  
Target: http://localhost:8080/uaa  
  
$ cat ~/.uaac.yml  
---  
http://localhost:8080/uaa:  
  current: true  
  ca_cert:
```



```
$ uaac users | grep smokeuser
  familyname: smokeuser
  givenname: smokeuser
  value: smokeuser2@mail.com
  username: smokeuser
```

```
$ uaac group add "smoke.extinguish"
id: fa615872-4ec7-4e76-8420-18054ab92a6b
meta
  version: 0
  created: 2018-06-05T23:57:20.091Z
  lastmodified: 2018-06-05T23:57:20.091Z
members:
  schemas: urn:scim:schemas:core:1.0
  displayname: smoke.extinguish
  zoneid: uaa

$ uaac member add smoke.extinguish smokeuser
success
```

```
$ uaac client add smoke --name smoke --scope "smoke.extinguish"
--authorized_grant_types "password" -s "smokesecret"
scope: smoke.extinguish
client_id: smoke
resource_ids: none
authorized_grant_types: password refresh_token
autoapprove:
authorities: uaa.none
name: smoke
required_user_groups:
lastmodified: 1528239527414
id: smoke
```

```
$ uaac token owner get smoke smokeuser -s smokesecret -p smokepassword
```

```
Successfully fetched token via owner password grant.
Target: http://localhost:8080/uaa
Context: smokeuser, from client smoke
```


- https://sks.gitbooks.io/my-road-2-industrial-applications/content/en/Security/registering_client_in_uaa.html