Pivotal Cloud Foundry 2.0 ORG/SPACE/USER 관리 Lab

SDS Workshop

2018-02-01

참석자 별 접속 정보

수강자	Ops Manager	Apps Manager	CF API endpoint
SDS1	https://pcf.sds1.cfpush.net	https://apps.sys.sds1.cfpush.net	https://api.sys.sds1.cfpush.net
SDS2	https://pcf.sds2.cfpush.net	https://apps.sys.sds2.cfpush.net	https://api.sys.sds2.cfpush.net
SDS3	https://pcf.sds3.cfpush.net	https://apps.sys.sds3.cfpush.net	https://api.sys.sds3.cfpush.net
SDS4	https://pcf.sds4.cfpush.net	https://apps.sys.sds4.cfpush.net	https://api.sys.sds4.cfpush.net
SDS5	https://pcf.sds5.cfpush.net	https://apps.sys.sds5.cfpush.net	https://api.sys.sds5.cfpush.net
SDS6	https://pcf.sds6.cfpush.net	https://apps.sys.sds6.cfpush.net	https://api.sys.sds6.cfpush.net
SDS7	https://pcf.sds7.cfpush.net	https://apps.sys.sds7.cfpush.net	https://api.sys.sds7.cfpush.net

Ops Manager 에서 PCF 'admin' 암호 확인

Ops Manager 에 접속하여, "PCF Small Footprint" tile 에 들어가면 Credentials 에서 'admin' 계정의 암호를 확인할 수 있다.

```
{
  - credential: {
      type: "simple_credentials",
    - value: {
        identity: "admin",
        password: "BuVkQ-K9n7wxzZ_XwjcUZ_QSTCxunop1"
      }
    }
}
```

CF CLI Login

1. CF API endpoint 설정

   $ cf api https://api.sys.sds61.cfpush.net --skip-ssl-validation

   > **$ cf api https://api.sys.sds61.cfpush.net --skip-ssl-validation**
   > Setting api endpoint to https://api.sys.sds61.cfpush.net...
   > OK
   >
   >
   > api endpoint: https://api.sys.sds61.cfpush.net
   > api version: 2.98.0

2. CF login

   설치 후 별도 Org/Space 를 생성하지 않아서 초기 login 은 system space 로 target 을 잡는다.

   $ cf login

   > $ **cf login**
   > API endpoint: https://api.sys.sds61.cfpush.net
   >
   > Email> **admin**
   >
   > Password>
   > Authenticating...
   > OK
   >
   > Targeted org system
   >
   > Select a space (or press enter to skip):
   > 1. autoscaling
   > 2. healthwatch
   > 3. nfs
   > 4. notifications-with-ui
   > 5. pivotal-account-space
   > **6. system**
   >
   > **Space> 6**
   > Targeted space system
   >
   >
   >
   > API endpoint: https://api.sys.sds61.cfpush.net (API version: 2.98.0)
   > User: admin
   > Org: system
   > Space: system

Org 만들기

할당된 id 에 –org 를 붙여서 생성한다.

$ cf create-org sds[x]-org

$ cf create-org sds61-org

Creating org sds61-org as admin...
OK

Assigning role OrgManager to user admin in org sds61-org ...
OK

TIP: Use 'cf target -o sds61-org' to target new org

$ cf org sds61-org

Getting info for org sds61-org as admin...

name: sds61-org
domains: apps.sds61.cfpush.net
quota: default
spaces:
isolation segments:

Space 만들기

이전에 만든 Org 로 Target 변경

$ cf target -o sds[x]-org

$ cf target -o sds61-org

api endpoint: https://api.sys.sds61.cfpush.net
api version: 2.98.0
user: admin
org: sds61-org
No space targeted, use 'cf target -s SPACE'

Dev 스페이스 생성

$ cf create-space dev

$ cf create-space dev

Creating space dev in org sds61-org as admin...
OK
Assigning role RoleSpaceManager to user admin in org sds61-org / space dev as admin...
OK
Assigning role RoleSpaceDeveloper to user admin in org sds61-org / space dev as admin...
OK

TIP: Use 'cf target -o "sds61-org" -s "dev"' to target new space

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Dev 스페이스로 Target 변경
$ cf target -o sds[x]-org -s dev

$ cf target -o "sds61-org" -s "dev"

api endpoint: https://api.sys.sds61.cfpush.net
api version: 2.98.0
user: admin
org: sds61-org
space: dev

User 만들기

$ cf create-user sds[*x*] *<password>*

$ cf create-user sds61 sds61

Creating user sds61...
OK

TIP: Assign roles with 'cf set-org-role' and 'cf set-space-role'.

Org Role 할당

'set-org-role'을 syntax 에 사용 가능한 Role 이름이 나타남.

$ cf set-org-role

$ cf set-org-role

Incorrect Usage: the required arguments `USERNAME`, `ORG` and `ROLE` were not provided

NAME:
   set-org-role - Assign an org role to a user

USAGE:
   cf set-org-role USERNAME ORG ROLE

ROLES:
   'OrgManager' - Invite and manage users, select and change plans, and set spending limits
   'BillingManager' - Create and manage the billing account and payment info
   'OrgAuditor' - Read-only access to org info and reports

SEE ALSO:
   org-users, set-space-role

$ cf set-org-role sds[x] sds[x]-org OrgManager

$ cf set-org-role sds61 sds61-org OrgManager

Assigning role OrgManager to user sds61 in org sds61-org as admin...
OK

Space Role 할당

'set-space-role'을 syntax 에 사용 가능한 Role 이름이 나타남.

$ cf set-space-role

> **$ cf set-space-role**
>
> Incorrect Usage: the required arguments `USERNAME`, `ORG`, `ORG` and `ROLE` were not provided
>
> NAME:
>   set-space-role - Assign a space role to a user
>
> USAGE:
>   cf set-space-role USERNAME ORG SPACE ROLE
>
> ROLES:
>   'SpaceManager' - Invite and manage users, and enable features for a given space
>   'SpaceDeveloper' - Create and manage apps and services, and see logs and reports
>   'SpaceAuditor' - View logs, reports, and settings on this space
>
> SEE ALSO:
>   space-users

$ cf set-space-role sds[x] sds[x]-org dev SpaceManager

> **$ cf set- space -role sds61 sds61-org dev SpaceManager**
>
> Assigning role RoleSpaceManager to user sds61 in org sds61-org / space dev as admin...
> OK

신규 User 로 Login 하기

사용자에게 할당된 Org, Space 가 한 개이면 자동으로 Target 이 설정됨.

$ cf login

```
$ cf login

API endpoint: https://api.sys.sds61.cfpush.net

Email> sds61

Password>
Authenticating...
OK

Targeted org sds61-org

Targeted space dev



API endpoint:   https://api.sys.sds61.cfpush.net (API version: 2.98.0)
User:           sds61
Org:            sds61-org
Space:           dev
```
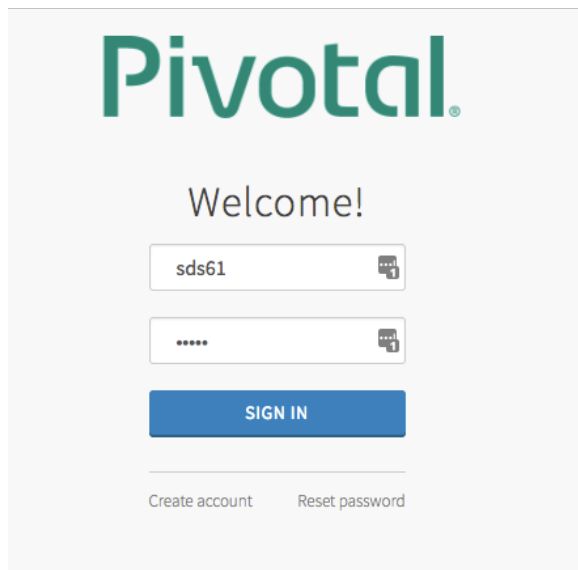
신규 User 로 Login 하기

사용자에게 할당된 Org, Space 가 한 개이면 자동으로 Target 이 설정됨.
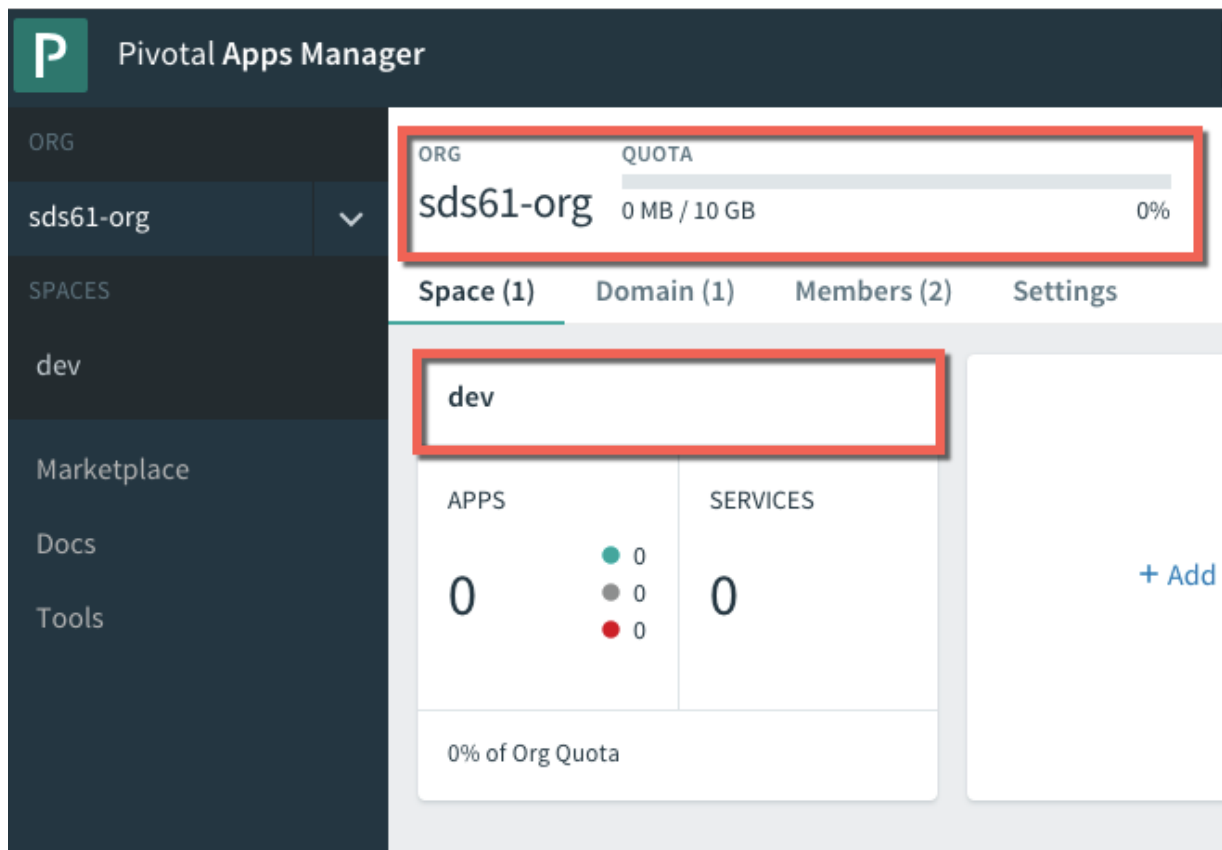
Apps Manager 로그인

Apps Manager 가 admin 으로 로그인 되어 있으면, 로그 아웃 후 접속.