

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.

The screenshot shows the PCF Ops Manager interface. The path to view Admin Credentials is highlighted with red boxes and arrows:

- Installation Dashboard
- PCF Small Footprint
- Credentials
- UAA
- Admin Credentials

The Admin Credentials table shows the following entries:

Credentials	Link to Credential
VM Credentials	Link to Credential
Admin Credentials	Link to Credential
Push Apps Manager Credentials	Link to Credential
Run Smoke Tests Credentials	Link to Credential
System Services Credentials	Link to Credential
System Verification Credentials	Link to Credential
System Passwords Client Credentials	Link to Credential
Login Client Credentials	Link to Credential

```
{
  - credential: {
    type: "simple_credentials",
    - value: {
      identity: "admin",
      password: "BuVkJQ-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

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)

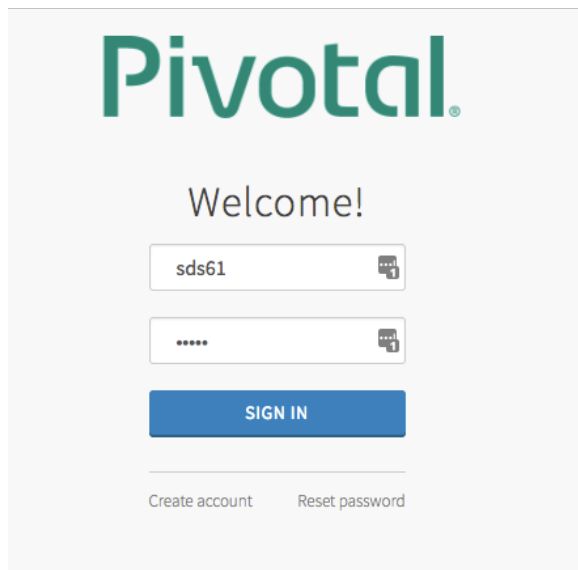
User: sds61

Org: sds61-org

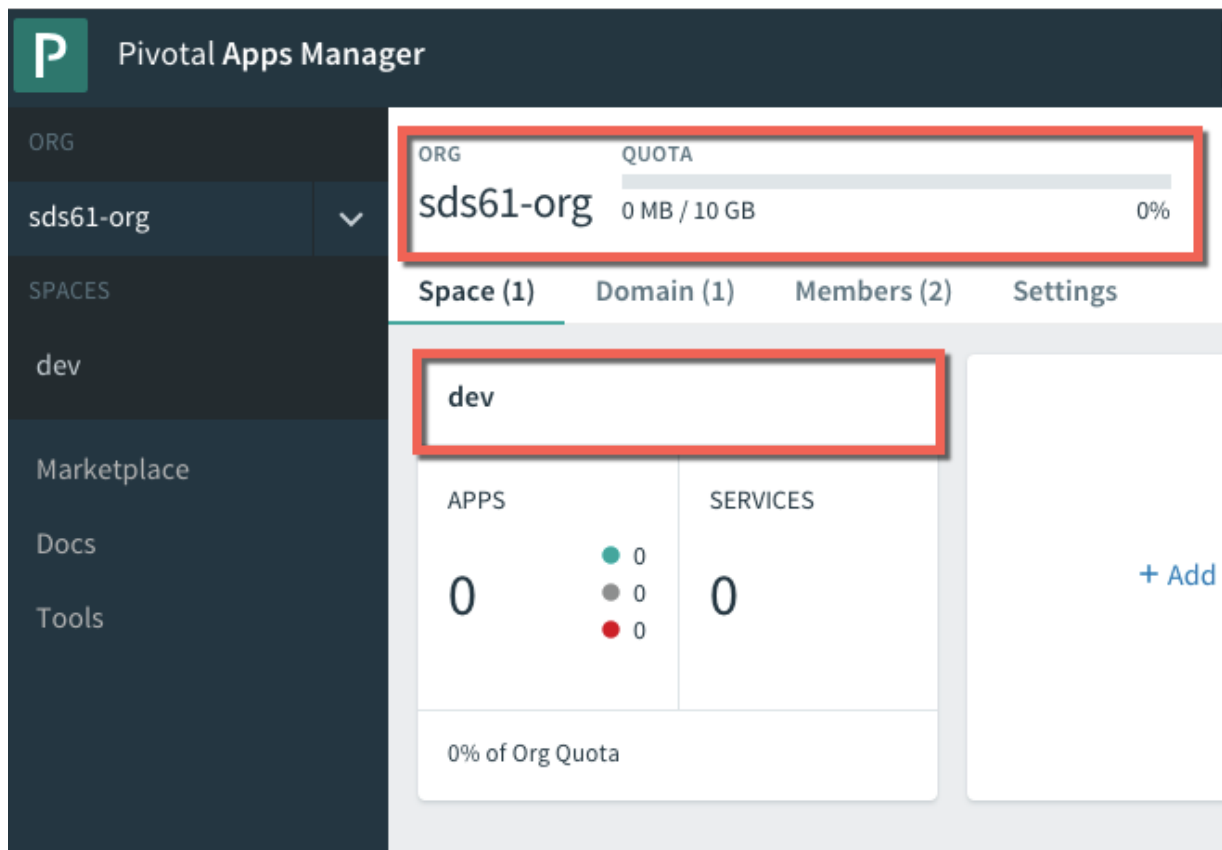
Space: dev

Apps Manager 로그인

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



The image shows the Pivotal login page. At the top is the Pivotal logo in green. Below it is the text "Welcome!". There are two input fields: the first contains the text "sds61" and has a small icon of a person with a plus sign; the second contains six dots and also has the same icon. Below these fields is a blue button labeled "SIGN IN". At the bottom, there are two links: "Create account" and "Reset password".



The image shows the Pivotal Apps Manager dashboard. The top header is dark blue with the Pivotal logo and the text "Pivotal Apps Manager". On the left is a dark blue sidebar with the following items: "ORG", "sds61-org" (with a dropdown arrow), "SPACES", "dev", "Marketplace", "Docs", and "Tools". The main content area has a top section with a red border containing the text "ORG" and "QUOTA", followed by "sds61-org" and a progress bar showing "0 MB / 10 GB" and "0%". Below this is a navigation bar with "Space (1)", "Domain (1)", "Members (2)", and "Settings". The "Space (1)" section is highlighted with a red border and contains the text "dev". Below this is a table with two columns: "APPS" and "SERVICES". The "APPS" column shows "0" and three colored dots (green, grey, red) each followed by "0". The "SERVICES" column shows "0". At the bottom of the table is the text "0% of Org Quota". To the right of the table is a large white box with a blue "+ Add" button.

APPS	SERVICES
0	0