

OpenStack:FolsomUserOnboarding

There are multiple ways to onboard users, and though the preferred method might be to tie into the corporate or organization's LDAP or AD service, often it is necessary or desired to set up users against Keystone local authentication methods. This process can be done manually via API calls or with the keystone CLI tools, but I find a simple script makes this much more efficient, and reduces the chance of grabbing the wrong id when the number of users and projects starts to grow.

```
#!/bin/bash
source ~/.openrc

echo Argv: $#

if [[ $# -lt 3 ]]
then
    echo -e "Usage:\n${0} user password e-mail@address [tenant=openstack]"
else
    user_id=`keystone user-list | grep ${1} | awk -F' ' '{print $2}'`
    if [ ! -z ${user_id} ]
    then
        echo "error! username already exists"
        exit 1
    fi
    if [[ $# -eq 3 ]]
    then
        tenant_id=`keystone tenant-list | grep openstack | awk -F' ' '{print $2}'`
        keystone user-create --name=${1} --pass=${2} --email=${3} --tenant-id=${tenant_id}
    else
        tenant_id=`keystone tenant-list | grep ${4} | awk -F' ' '{print $2}'`
        if [ -z ${tenant_id} ]; then
            keystone tenant-create --name=${4}
            tenant_id=`keystone tenant-list | grep ${4} | awk -F' ' '{print $2}'`
        fi
        keystone user-create --name=${1} --pass=${2} --email=${3} --tenant-id=${tenant_id}
    fi
fi
```

That's the simplest way to get a user onboarded.