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Titanium Server





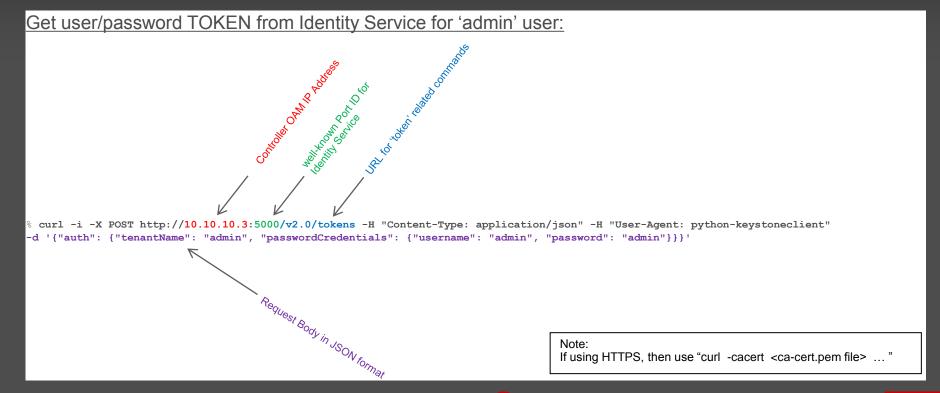








Using 'curl' to send REST APIs





Using 'curl' to send REST APIs

Get user/password TOKEN from Identity Service for 'admin' user:

```
% curl -i -X POST http://10.10.10.3:5000/v2.0/tokens -H "Content-Type: application/json" -H "User-Agent: python-keystoneclient" -d '{"auth": {"tenantName": "admin",
"passwordCredentials": {"username": "admin", "password": "admin"}}}' | tail -n 1 | json pp
% Total % Received % Xferd Average Speed Time Time Current
                              Dload Upload Total Spent Left Speed
100 9811 100 9711 100 100 139k 1473 --:--:- --:--:-- 141k
  "access" : {
     "serviceCatalog" : [
           "name" : "nova",
  "token" : {
        "tenant" : {
          "name" : "admin",
          "id": "2f7018f380444de6b3b61491f323c4e7",
          "description" : "admin tenant",
           "enabled" : true
        "issued at": "2015-01-12T17:38:02.949407",
        "id" : "MIRRA . . . gFvvxNUuel",
        "expires": "2015-01-12T18:38:02Z"
                                                                                                       Note:
% TOKEN="MIRRA . . . gFvvxNUuel"
```

If using HTTPS, then use "curl -cacert <ca-cert.pem file> ... "









Using 'curl' to send REST APIs

Example of SysInv REST API to query list of hosts:

```
% curl -i http://10.10.10.3:6385/v1/ihosts -X GET -H "Content-Type: application/json" -H "Accept: application/json" -H "X-Auth-Token:${TOKEN}" | tail -n 1 | json pp
% Total % Received % Xferd Average Speed Time Time Current
                            Dload Upload Total Spent Left Speed
100 5746 100 5746 0 0 128k 0 --:--:- --:-- 130k
  "ihosts" : [
       "operational" : "enabled",
       "personality" : "controller",
       "hostname" : "controller-0",
       "iprofile uuid" : null,
       "uuid" : "911b5574-6bf9-4140-97c1-303db63aab25",
       "created at": "2015-01-08T19:48:33.315606+00:00",
       "availability" : "available",
       "bm type" : null,
       "capabilities" : {
         "Personality" : "Controller-Active",
          "stor function" : "monitor"
       },
       "operational" : "enabled",
       "personality" : "controller",
       "hostname" : "controller-1",
                                                                                                                      Note:
```

If using HTTPS, then use "curl -cacert <ca-cert.pem file> ... "







