验证操作

验证密钥管理服务（barbican）的操作。

注意

在控制接节点执行以下操作。

1. 安装python-barbicanclient包：

- openSUSE和SUSE Linux Enterprise:

```
$ zypper install python-barbicanclient
```

- Red Hat Enterprise Linux 和 CentOS：

```
$ yum install python-barbicanclient
```

- Ubuntu：

```
$ apt-get install python-barbicanclient
```

2. 获取可执行barbican API调用的 **admin**凭证：

```
$ . admin-openrc
```

3. 使用OpenStack CLI存储密码：

```
    $ openstack secret store --name mysecret --payload j4=]d21
+--------------+------------------------------------------------------
---------------+
| Field        | Value
|
+--------------+------------------------------------------------------
---------------+
| Secret href  | http://10.0.2.15:9311/v1/secrets/655d7d30-c11a-49d9-
a0f1-34cdf53a36fa |
| Name         | mysecret
|
| Created      | None
|
| Status       | None
```

```
|
| Content types | None
|
| Algorithm     | aes
|
| Bit length    | 256
|
| Secret type   | opaque
|
| Mode          | cbc
|
| Expiration    | None
|
+---------------+-----------------------------------------------------------
---------------+
```

4. 通过检索确认机密已存储：

```
$ openstack secret get http://10.0.2.15:9311/v1/secrets/655d7d30-c11a-
49d9-a0f1-34cdf53a36fa
+---------------+-----------------------------------------------------------
---------------+
| Field         | Value
|
+---------------+-----------------------------------------------------------
---------------+
| Secret href   | http://10.0.2.15:9311/v1/secrets/655d7d30-c11a-49d9-
a0f1-34cdf53a36fa |
| Name          | mysecret
|
| Created       | 2016-08-16 16:04:10+00:00
|
| Status        | ACTIVE
|
| Content types | {u'default': u'application/octet-stream'}
|
| Algorithm     | aes
|
| Bit length    | 256
|
| Secret type   | opaque
|
| Mode          | cbc
|
| Expiration    | None
|
+---------------+-----------------------------------------------------------
---------------+
```

5. 通过减速payload确认已存储：

```
$ openstack secret get http://10.0.2.15:9311/v1/secrets/655d7d30-c11a-
49d9-a0f1-34cdf53a36fa --payload
+---------+---------+
| Field   | Value   |
+---------+---------+
| Payload | j4=]d21 |
+---------+---------+
```