

## 7- awx rest api

### awx restapi

1. : http://192.168.20.10:8801/api/v2/ api

#### 

1. admin awx
2. → application →
  1. authorization grant type resource owner password=based,
  2. client type → confidential
3. → user api token
  1. application 2 application
  2. scope write
    1. token ( )

## API

1. inventory

```
$ curl -X GET http://192.168.20.10:8801/api/v2/inventory/ \  
--header 'Content-Type: application/json' \  
--header 'Authorization: Bearer LQHjuUuJln0jWjXLZ9LGVJEqXalvJM' | sed -e 's/[{}]/"/g' | awk -  
v k="text" '{n=split($0,a,","); for (i=1; i<=n; i++) print a[i]}'
```

2. Credential

```
$ curl -X GET http://192.168.20.10:8801/api/v2/credentials/ \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer LQHjuUuJIn0jWjXLZ9LGVJEqXalvJM' | sed -e 's/[{}]/"/g' | awk -
v k="text" '{n=split($0,a,","); for (i=1; i<=n; i++) print a[i]}'
```

### 3. job templates

```
$ curl -X GET http://192.168.20.10:8801/api/v2/job_templates/ \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer LQHjuUuJIn0jWjXLZ9LGVJEqXalvJM' | sed -e 's/[{}]/"/g' | awk -
v k="text" '{n=split($0,a,","); for (i=1; i<=n; i++) print a[i]}'
```

### 4. job template

```
$ curl -X POST http://192.168.20.10:8801/api/v2/job_templates/46/launch/ \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer LQHjuUuJIn0jWjXLZ9LGVJEqXalvJM' \
--data '{
  "inventory": 2,
  "limit": "192.168.209.10",
  "credentials": [2],
  "extra_vars": {
    "MAX_JOB": 1,
    "SVC_USER": "user",
    "INSTALL_PATH": "/home/",
    "RUN_TYPE": "CMD",
    "RUN_CMD": "ls -l"
  }
}'
```

- template ID 46, inventory id 2, credential id 2 job

### 5. hosts

```
$ curl -X POST http://192.168.20.10:8801/api/v2/inventories/2/hosts/ \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer LQHjuUuJIn0jWjXLZ9LGVJEqXalvJM' \
--data '{
  "name": "192.168.200.10",
  "enabled": "true",
  "variables": "use: yes\ntest: no"
}'
```

- inventory id 2 , 192.168.200.10 use, test

6.

```
$ curl -X POST http://192.168.20.10:8801/api/v2/groups/6/hosts/ \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer LQHjuUuJln0jWjXLZ9LGVJEqXalvJM' \
--data '{
  "name": "192.168.200.10",
  "enabled": true
}'
```

- group id 6 192.168.200.10

7.

```
$ curl -X POST http://192.168.20.10:8801/api/v2/inventories/2/hosts/ \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer LQHjuUuJln0jWjXLZ9LGVJEqXalvJM' \
--data '{
  "id": 75,
  "disassociate": "True"
}'
```

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Revision #3

Created 8 June 2022 03:32:39 by artop0420

Updated 8 January 2024 23:05:47 by artop0420