Script to delete a cluster

ONTAP Select

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Table of Contents

Script to delete a cluster 1

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You can use the following CLI script to delete an existing cluster.

```
#!/usr/bin/env python
##------------------------------------------------------------------------
#
# File: delete_cluster.py
#
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#
##------------------------------------------------------------------------

import argparse
import json
import logging

from deploy_requests import DeployRequests

def find_cluster(deploy, cluster_name):
    return deploy.find_resource('/clusters', 'name', cluster_name)


def offline_cluster(deploy, cluster_id):
    # Test that the cluster is online, otherwise do nothing
    response = deploy.get('/clusters/{}?fields=state'.format(
cluster_id))
    cluster_data = response.json()['record']
    if cluster_data['state'] == 'powered_on':
        log_info("Found the cluster to be online, modifying it to be
powered_off.")
        deploy.patch('/clusters/{}'.format(cluster_id), {
'availability': 'powered_off'}, True)
```

```
37
38
39 def delete_cluster(deploy, cluster_id):
40     log_info("Deleting the cluster({}).".format(cluster_id))
41     deploy.delete('/clusters/{}'.format(cluster_id), True)
42     pass
43
44
45 def log_info(msg):
46     logging.getLogger('deploy').info(msg)
47
48
49 def configure_logging():
50     FORMAT = '%(asctime)-15s:%(levelname)s:%(name)s: %(message)s'
51     logging.basicConfig(level=logging.INFO, format=FORMAT)
52     logging.getLogger('requests.packages.urllib3.connectionpool'
   ).setLevel(logging.WARNING)
53
54
55 def main(args):
56     configure_logging()
57     deploy = DeployRequests(args.deploy, args.password)
58
59     with open(args.config_file) as json_data:
60         config = json.load(json_data)
61
62         cluster_id = find_cluster(deploy, config['cluster']['name'])
63
64         log_info("Found the cluster {} with id: {}.".format(config
   ['cluster']['name'], cluster_id))
65
66         offline_cluster(deploy, cluster_id)
67
68         delete_cluster(deploy, cluster_id)
69
70
71 def parseArgs():
72     parser = argparse.ArgumentParser(description='Uses the ONTAP Select
   Deploy API to delete a cluster')
73     parser.add_argument('-d', '--deploy', required=True, type=str,
   help='Hostname or IP address of Deploy server')
74     parser.add_argument('-p', '--password', required=True, type=str,
   help='Admin password of Deploy server')
75     parser.add_argument('-c', '--config_file', required=True, type=str,
   help='Filename of the cluster json config')
76     return parser.parse_args()
```

```
77
78 if __name__ == '__main__':
79     args = parseArgs()
80     main(args)
```

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