Script to delete a cluster

ONTAP Select

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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)


def delete_cluster(deploy, cluster_id):
    log_info("Deleting the cluster({}).".format(cluster_id))
    deploy.delete('/clusters/{}'.format(cluster_id), True)
```

```
    pass


def log_info(msg):
    logging.getLogger('deploy').info(msg)


def configure_logging():
    FORMAT = '%(asctime)-15s:%(levelname)s:%(name)s: %(message)s'
    logging.basicConfig(level=logging.INFO, format=FORMAT)
    logging.getLogger('requests.packages.urllib3.connectionpool').setLevel(logging
.WARNING)


def main(args):
    configure_logging()
    deploy = DeployRequests(args.deploy, args.password)

    with open(args.config_file) as json_data:
        config = json.load(json_data)

        cluster_id = find_cluster(deploy, config['cluster']['name'])

        log_info("Found the cluster {} with id: {}.".format(config['cluster']['name'],
cluster_id))

        offline_cluster(deploy, cluster_id)

        delete_cluster(deploy, cluster_id)


def parseArgs():
    parser = argparse.ArgumentParser(description='Uses the ONTAP Select Deploy API to
delete a cluster')
    parser.add_argument('-d', '--deploy', required=True, type=str, help='Hostname or
IP address of Deploy server')
    parser.add_argument('-p', '--password', required=True, type=str, help='Admin
password of Deploy server')
    parser.add_argument('-c', '--config_file', required=True, type=str, help='Filename
of the cluster json config')
    return parser.parse_args()

if __name__ == '__main__':
    args = parseArgs()
    main(args)
```

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