Backup Task API

Deleting a Backup Task

To delete a Backup Task, you can use the following Policy API calls:

- `deletePolicy`
- `deletePolicyById`

Follow the instructions below to delete a Backup Task using API samples.

> **Note**
> The following instructions are valid for the Linux CentOS operating system.

1. Log in by shell or remote shell (Local or SSH) to the machine where the CDP API samples are located.

> **Notice**
>
> - Make sure the API server is enabled on a known port on the target CDP Server.
> - Make sure you have Super-User credentials for the target CDP Server.
> - Make sure one or more policies have been created already.

2. Launch the console and run the following command:

```
yum install php-cli php-soap
```

This will install the packages needed for working with .php files.

```
[root@centos-server ~]# yum install php-cli php-soap
Loaded plugins: fastestmirror
Loading mirror speeds from cached hostfile
 * base: mirror.hosting90.cz
 * extras: mirror.hosting90.cz
 * updates: mirror.hosting90.cz
base                                                      | 1.1 kB     00:00
extras                                                    | 2.1 kB     00:00
r1soft                                                    |  951 B     00:00
updates                                                   | 1.9 kB     00:00
updates/primary_db                                        | 200 kB     00:00
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package php-cli.x86_64 0:5.1.6-27.el5_5.3 set to be updated
--> Processing Dependency: php-common = 5.1.6-27.el5_5.3 for package: php-cli
---> Package php-soap.x86_64 0:5.1.6-27.el5_5.3 set to be updated
--> Running transaction check
---> Package php-common.x86_64 0:5.1.6-27.el5_5.3 set to be updated
--> Finished Dependency Resolution

Dependencies Resolved

================================================================================
 Package                Arch                Version                 Repository          Size
================================================================================
Installing:
 php-cli                x86_64              5.1.6-27.el5_5.3        base               2.2 M
 php-soap               x86_64              5.1.6-27.el5_5.3        base               137 k
Installing for dependencies:
 php-common             x86_64              5.1.6-27.el5_5.3        base               153 k

Transaction Summary
================================================================================
Install       3 Package(s)
Upgrade       0 Package(s)

Total download size: 2.4 M
Is this ok [y/N]: y
Downloading Packages:
(1/3): php-soap-5.1.6-27.el5_5.3.x86_64.rpm               | 137 kB     00:00
(2/3): php-common-5.1.6-27.el5_5.3.x86_64.rpm             | 153 kB     00:00
(3/3): php-cli-5.1.6-27.el5_5.3.x86_64.rpm                | 2.2 MB     00:00
--------------------------------------------------------------------------------
Total                                          460 kB/s | 2.4 MB     00:05
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
  Installing     : php-common                                              1/3
  Installing     : php-cli                                                 2/3
  Installing     : php-soap                                                3/3

Installed:
  php-cli.x86_64 0:5.1.6-27.el5_5.3                 php-soap.x86_64 0:5.1.6-27.el5_5.3

Dependency Installed:
  php-common.x86_64 0:5.1.6-27.el5_5.3

Complete!
[root@centos-server ~]#
```

3. Change the working directory to:

/usr/sbin/r1soft/apisamples/Policy

If you use the ls command, you will see a list of all available api samples.

```
[root@centos-server ~]# cd /usr/sbin/r1soft/apisamples/Policy
[root@centos-server Policy]# ls -al
total 40
drwxr-xr-x  2 root root 4096 Oct  1 05:56 .
drwxr-xr-x 13 root root 4096 Oct  1 05:56 ..
-rw-rw-r--  1 root root 2652 Aug 18 21:57 createPolicy.php
-rw-rw-r--  1 root root 3475 Aug 18 21:57 createPolicyFromObject.php
-rw-rw-r--  1 root root 2942 Aug 18 21:57 createPolicyWithAdvanceExcludes.php
-rw-rw-r--  1 root root  935 Aug 18 21:57 deletePolicy.php
-rw-rw-r--  1 root root  441 Aug 18 21:57 getPolicies.php
-rw-rw-r--  1 root root  771 Aug 18 21:57 getPolicyById.php
-rw-rw-r--  1 root root  487 Aug 18 21:57 getPolicyIDs.php
-rw-rw-r--  1 root root 2121 Aug 18 21:57 updatePolicy.php
[root@centos-server Policy]#
```

4. To delete a specific Policy, execute the "deletePolicy.php" sample. You will need to provide

the following parameters:

- hostname/IP
- (API) port
- user
- password
- Policy ID.

```
[root@centos-server Policy]# php deletePolicy.php --host=centos-server --port=9443 --user=admin --pass=r1soft
--policyID=605632dc-138e-4ed4-9e86-86e2bba058cd


Successfully executed deletePolicy
[root@centos-server Policy]#
```

To find the Policy IDs, use the "getPolicyIDs.php" sample.

```
[root@centos-server Policy]# php getPolicyIDs.php --host=centos-server --port=9443 --user=admin --pass=r1soft
object(stdClass)#2 (1) {
  ["return"]=>
  array(2) {
    [0]=>
    string(36) "6ecc5533-e40a-442a-9383-cba195e96eea"
    [1]=>
    string(36) "605632dc-138e-4ed4-9e86-86e2bba058cd"
  }
}
Successfully executed getPolicyIDs.php
[root@centos-server Policy]#
```

5. The Policy will be deleted.

Displaying Information about Backup Task Scheduling

The Policy commands below provide details about Backup Task scheduling:

- `getPolicyIDs`
- `getPolicies`
- `getPolicyById`

1. Log in by shell or remote shell (Local or SSH) to the machine where the CDP API samples are located.

> ⚠ Notice
>
> - Make sure the API server is enabled on a known port on the target CDP Server.
> - Make sure you have Super-User credentials for the target CDP Server.
> - Make sure one or more policies have been created already.

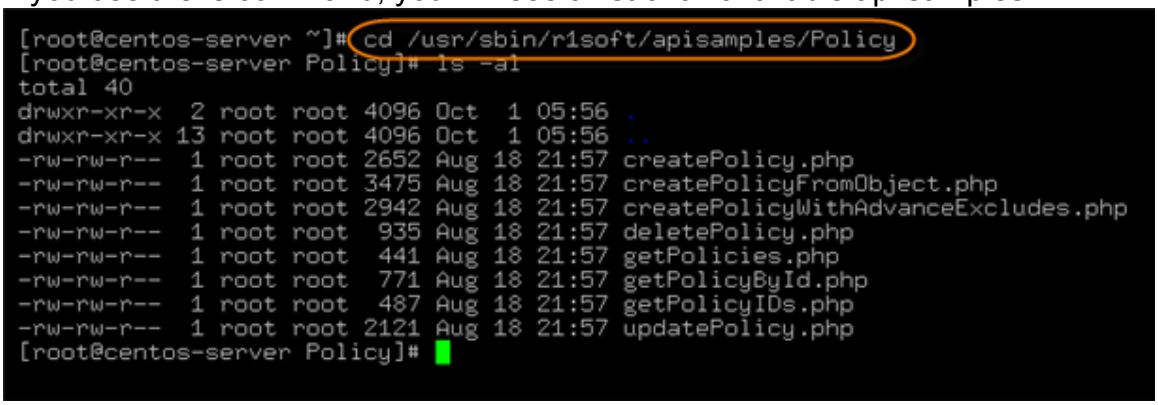
2. Launch the console.

> **Notice**
> You should already have php-cli and php-soap packages installed.

3. Change the working directory to:

```
/usr/sbin/r1soft/apisamples/Policy
```

If you use the ls command, you will see a list of all available api samples.



4. Execute any of the following samples to retrieve information about existing Policies, providing appropriate values for accessing the CDP server:

- hostname/IP
- (API) port
- user
- password
- Policy ID (where required).

The results are shown below:

```
[root@centos-server Policy]# php getPolicies.php --host=centos-server --port=9443 --user=admin --pass=r1soft
object(stdClass)#2 (1) {
  ["return"]=>
  array(2) {
    [0]=>
    object(stdClass)#3 (10) {
      ["description"]=>
      string(9) "only once"
      ["diskSafeID"]=>
      string(36) "74c5ba0c-0ed4-4d68-82d5-6b257ee89995"
      ["enabled"]=>
      bool(true)
      ["forceFullBlockScan"]=>
      bool(false)
      ["frequencyType"]=>
      string(9) "ON_DEMAND"
      ["frequencyValues"]=>
      object(stdClass)#4 (0) {
      }
      ["id"]=>
      string(36) "6ecc5533-e40a-442a-9383-cba195e96eea"
      ["name"]=>
      string(18) "Backup Linux agent"
      ["recoveryPointLimit"]=>
      int(10)
      ["state"]=>
      string(2) "OK"
    }
    [1]=>
    object(stdClass)#5 (10) {
      ["description"]=>
      string(14) "also only once"
      ["diskSafeID"]=>
      string(36) "cd726e25-ada0-438b-be35-3aba2d113c2c"
      ["enabled"]=>
      bool(true)
      ["forceFullBlockScan"]=>
      bool(false)
      ["frequencyType"]=>
      string(9) "ON_DEMAND"
      ["frequencyValues"]=>
      object(stdClass)#6 (0) {
      }
      ["id"]=>
      string(36) "605632dc-138e-4ed4-9e86-86e2bba058cd"
      ["name"]=>
      string(20) "Backup Windows Agent"
      ["recoveryPointLimit"]=>
      int(10)
      ["state"]=>
      string(2) "OK"
    }
  }
}
Successfully executed getPolicies
[root@centos-server Policy]#
```

```
[root@centos-server Policy]# php getPolicyIDs.php --host=centos-server --port=9443 --user=admin --pass=r1soft
object(stdClass)#2 (1) {
  ["return"]=>
  array(2) {
    [0]=>
    string(36) "6ecc5533-e40a-442a-9383-cba195e96eea"
    [1]=>
    string(36) "605632dc-138e-4ed4-9e86-86e2bba058cd"
  }
}
Successfully executed getPolicyIDs.php
[root@centos-server Policy]#
```

```
[root@centos-server Policy]# php getPolicyById.php --host=centos-server --port=9443 --user=admin --pass=r1soft
 --policyid=605632dc-138e-4ed4-9e86-86e2bba058cd
object(stdClass)#2 (1) {
  ["return"]=>
  object(stdClass)#3 (10) {
    ["description"]=>
    string(14) "also only once"
    ["diskSafeID"]=>
    string(36) "cd726e25-ada0-438b-be35-3aba2d113c2c"
    ["enabled"]=>
    bool(true)
    ["forceFullBlockScan"]=>
    bool(false)
    ["frequencyType"]=>
    string(9) "ON_DEMAND"
    ["frequencyValues"]=>
    object(stdClass)#4 (0) {
    }
    ["id"]=>
    string(36) "605632dc-138e-4ed4-9e86-86e2bba058cd"
    ["name"]=>
    string(20) "Backup Windows Agent"
    ["recoveryPointLimit"]=>
    int(10)
    ["state"]=>
    string(2) "OK"
  }
}
Successfully executed getPolicyById
[root@centos-server Policy]#
```

Parameters:

- scheduledTaskID - The ID of the Scheduled Task to edit.
- enabled - Whether the Task should be enabled when created.
- description - The description for the Scheduled Task.
- recoveryPointsToKeep - The number of Recovery Points to keep ("Retention Policy").
- runVerifyTask - Whether to launch a Verify Task when the Backup finishes.
- runDefragmentTask - Whether to launch a Defragment Task when Backup finishes.
- backupAllActiveDevices - Whether to Backup all active devices.

> **Note**
> If true, diskDevicePaths and partitionDevicePaths are ignored.

- diskDevicePaths - An array of strings specifying the device paths of the Disks to be backed up.
- partitionDevicePaths - An array of strings specifying the device paths of the partitions to be backed up.
- frequency - The frequency (MINUTELY, HOURLY, DAILY, WEEKLY, MONTHLY, NO_RECURRENCE) for the schedule.

> **Note**
> MINUTELY = 1, HOURLY = 2, DAILY = 3, WEEKLY = 4, MONTHLY = 5, NO_RECURRENCE = 7