

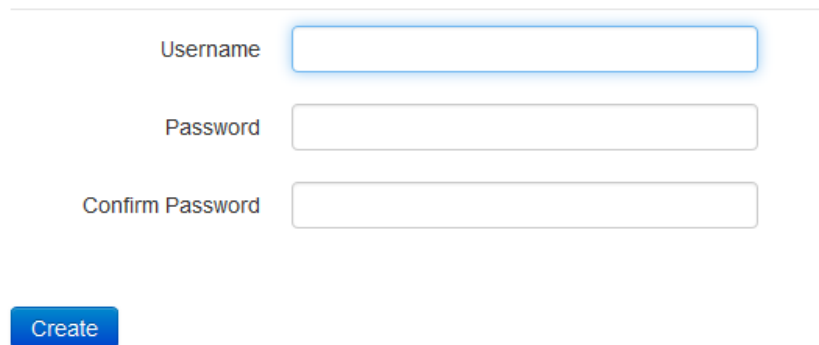
Reporting API

The Reporting API provides a mechanism for you to automate the retrieval of SRS reports.

1. Authentication

Before you can use the Reporting API, you must create an SRS user account that will be used for authentication, as shown in the following graphic.

API Credentials



The screenshot shows a form titled "API Credentials" with three input fields: "Username", "Password", and "Confirm Password". Below the fields is a blue "Create" button.

To create a user for Reporting API authentication:

1. Login to registrar web portal (<https://registrar.donuts.co>)
2. Under the Registrar menu, click API.
3. Under API Credentials, enter the user name, the password, and confirm the password.
4. Click Create

The API service will use basic authentication as part of the command to authenticate the user. The client will be required to supply the Authorization header with the encoding API user name and password. If the credentials are not supplied or incorrect, the service will return a 401 Unauthorized error.

Example for PRODUCTION

```
GET https://registryapi.donuts.co/reports HTTP/1.1
Host: registryapi.donuts.co
Authorization: Basic dXNlcm5hbWU6cGFz3dvcmQ=
```

Example for OT&E

```
GET https://registryapi.ote.donuts.co/reports HTTP/1.1
Host: registryapi.ote.donuts.co
Authorization: Basic dXNlcm5hbWU6cGFz3dvcmQ=
```

2. GET /reports

This command retrieves a list of all available reports for a registrar. The Content Type and Content Encoding values will be automatically set for the report types being retrieved.

Report Types

File Type	Content Type	Content Encoding
PDF	application/pdf	
csv.gz	text/csv	gzip

Request

GET /reports/{path}

The path is optional. The default is to return a list of all available reports, the registrar account has access to, but adding the path lets you select a subset of reports to deliver.

Examples

No	Request	Returns
1	GET /reports	retrieves a list of all available reports for a registrar
2	GET /reports/2014	retrieves a list of all available reports for a registrar from path "2014"
3	GET /reports/Common	retrieves a list of all available reports for a registrar from path "Common"
4	GET /reports/Common/2014/daily/pending-delete	retrieves a list of all available reports for a registrar from path "Common/2014/daily/pending-delete"
5	GET /reports/Common/2014/daily/pending-delete/pending-delete-20140422.csv.gz	retrieves a pending-delete report for 22 nd April 2014

Example returns (JSON)

1. GET /reports

```
[
  {"url": "http://registryapi.donuts.co/reports/Common/2014/daily/pending-delete/pending-delete-20140421.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/Common/2014/daily/price-category-domains/price-category-domains-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2013/weekly/domains/domains-20131228.csv"},
  {"url": "http://registryapi.donuts.co/reports/2013/weekly/nameservers/nameservers-20131228.csv"},
  {"url": "http://registryapi.donuts.co/reports/2014/daily/auto-renewals/auto-renewals-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/daily/daily-financial-transaction/daily-financial-transaction-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/daily/gaining-transfers/gaining-transfers-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/daily/grace-period-delete-summary/grace-period-delete-summary-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/daily/launch-applications/launch-applications-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/daily/losing-transfers/losing-transfers-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/daily/redemption-grace-period/redemption-grace-period-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/daily/registry-transactions/registry-transactions-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/weekly/domains/domains-20140419.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/weekly/nameservers/nameservers-20140419.csv.gz"}
]
```

2. GET /reports/2014

```
[
  {"url": "http://registryapi.donuts.co/reports/2014/daily/auto-renewals/auto-renewals-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/daily/daily-financial-transaction/daily-financial-transaction-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/daily/gaining-transfers/gaining-transfers-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/daily/grace-period-delete-summary/grace-period-delete-summary-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/daily/launch-applications/launch-applications-20140422.csv.gz"},
  {"url": "http://registryapi.donuts.co/reports/2014/daily/losing-transfers/losing-transfers-20140422.csv.gz"},
]
```

```
{ "url": "http://registryapi.donuts.co/reports/2014/daily/redemption-grace-period/redemption-grace-period-20140422.csv.gz"},
{ "url": "http://registryapi.donuts.co/reports/2014/daily/registry-transactions/registry-transactions-20140422.csv.gz"},
{ "url": "http://registryapi.donuts.co/reports/2014/weekly/domains/domains-20140419.csv.gz"},
{ "url": "http://registryapi.donuts.co/reports/2014/weekly/nameservers/nameservers-20140419.csv.gz"}
]
```

3. GET /reports/Common

```
[
{ "url": "http://registryapi.donuts.co/reports/Common/2014/daily/pending-delete/pending-delete-20140422.csv.gz"},
{ "url": "http://registryapi.donuts.co/reports/Common/2014/daily/price-category-domains/price-category-domains-20140422.csv.gz"},
]
```

4. GET /reports/Common/2014/daily/pending-delete

```
[
{ "url": "http://registryapi.donuts.co/reports/Common/2014/daily/pending-delete/pending-delete-20140422.csv.gz"},
]
```

5. GET /reports/Common/2014/daily/pending-delete/pending-delete-20140422.csv.gz

Returns report in raw format:

```
2014-04-23T08:00:04.050Z
"TLD","DomainName","DeletionDate","ROID","SponsorCLID","LastUpdatedDate"
"sampleId","sampledomainname.sampleId","2014-04-27T12:05:17Z","94691a462f914dae93d5535f4666d842-
D","SampleRegistrar","2014-04-22T12:05:32.327Z"
```