

Riverbed Profiler GCP API. v1.0

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Overview

Resources

Sync: Enable/Disable All GCP Accounts

Enable/Disable All GCP Accounts.

```
PUT https://{device}/api/npm.gcp_config/1.0/sync/status
```

Authorization

This request requires authorization.

Request Body

Provide a request body with the following structure:

JSON

```
{  
  "status": string  
}
```

Example:

```
{  
  "status": "ENABLED"  
}
```

Property Name	Type	Description	Notes
<i>SyncStatus</i>	<object>	Object containing information to enable or disable the accounts.	
<i>SyncStatus.status</i>	<string>	Value to enable or disable the accounts.	Values: ENABLED, DISABLED

Response Body

On success, the server does not provide any body in the responses.

Sync: Sync All GCP Accounts

Sync All GCP Accounts.

```
POST https://{device}/api/npm.gcp_config/1.0/sync
```

Authorization

This request requires authorization.

Request Body

Do not provide a request body.

Response Body

On success, the server does not provide any body in the responses.

Auth_Codes: Delete GCP Accounts

Delete GCP Accounts.

```
DELETE https://{device}/api/npm.gcp_config/1.0/auth_codes
```

Authorization

This request requires authorization.

Request Body

Provide a request body with the following structure:

JSON

```
[
  {
    "project_id": string
  }
]
```

Example:

```
[
  {
    "project_id": "project_id1"
  },
  {
    "project_id": "project_id2"
  }
]
```

Property Name	Type	Description	Notes
<i>Projectids</i>	<i><array of <object>></i>	List of Projectid Objects.	
<i>Projectids[Projectid]</i>	<i><object></i>	Object representing an account project ID.	Optional
<i>Projectids[Projectid].project_id</i>	<i><string></i>	Account project ID.	

Response Body

On success, the server does not provide any body in the responses.

Auth_Codes: Create/Update GCP Accounts

Delete GCP Accounts.

```
PUT https://{device}/api/npm.gcp_config/1.0/auth_codes
```

Authorization

This request requires authorization.

Request Body

Provide a request body with the following structure:

JSON

```
[
  {
    "client_email": string,
    "name": string,
    "private_key": string,
    "project_id": string
  }
]
```

Example:

```
[
  {
    "private_key": "---BEGIN PRIVATE KEY abc END PRIVATE KEY---",
    "project_id": "project_id1",
    "client_email": "client_email1@a.com",
    "name": "name1"
  },
  {
    "private_key": "---BEGIN PRIVATE KEY xyz END PRIVATE KEY---",
    "project_id": "project_id2",
    "client_email": "client_email2@x.com",
    "name": "name2"
  }
]
```

Property Name	Type	Description	Notes
<i>AuthcodesGCPupd</i>	<i><array of <object>></i>	List of Auth code Objects.	
<i>AuthcodesGCPupd[AuthcodeGCPupd]</i>	<i><object></i>	Object representing an account project_id/ID, it's authorization information.	Optional

<code>AuthcodesGCPupd[AuthcodeGCPupd].client_email</code>	<code><string></code>	Account client email.	
<code>AuthcodesGCPupd[AuthcodeGCPupd].name</code>	<code><string></code>	Account name.	
<code>AuthcodesGCPupd[AuthcodeGCPupd].private_key</code>	<code><string></code>	Account private key.	
<code>AuthcodesGCPupd[AuthcodeGCPupd].project_id</code>	<code><string></code>	Account project_id.	

Response Body

On success, the server does not provide any body in the responses.

Auth_Codes: Get the authorization information of the GCP Accounts

Delete GCP Accounts.

```
GET https://{device}/api/npm.gcp_config/1.0/auth_codes
```

Authorization

This request requires authorization.

Response Body

On success, the server returns a response body with the following structure:

JSON

```
[
  {
    "client_email": string,
    "name": string,
    "project_id": string
  }
]
```

Example:

```
[
  {
    "project_id": "project_id1",
    "client_email": "client_email1@a.com",
    "name": "name1"
  },
  {
    "project_id": "project_id2",
    "client_email": "client_email2@x.com",
    "name": "name2"
  }
]
```

Property Name	Type	Description	Notes
<code>AuthcodesGCP</code>	<code><array of <object>></code>	List of Auth code Objects.	
<code>AuthcodesGCP[AuthcodeGCP]</code>	<code><object></code>	Object representing an account project_id/ID and it's authorization information.	Optional
<code>AuthcodesGCP[AuthcodeGCP].client_email</code>	<code><string></code>	Account client email.	
<code>AuthcodesGCP[AuthcodeGCP].name</code>	<code><string></code>	Account name.	
<code>AuthcodesGCP[AuthcodeGCP].project_id</code>	<code><string></code>	Account project id.	

Status: GCP status

Get GCP Status.

```
GET https://{device}/api/npm.gcp_config/1.0/status
```

Authorization

This request requires authorization.

Response Body

On success, the server returns a response body with the following structure:

JSON

```
{
  "enabled": string,
  "error_text": string,
  "last_sync_ts": number,
  "last_success_ts": number,
  "error_id": number,
  "state": string
}
```

Example:

```
{
  "last_sync_ts": 1606234492,
  "enabled": true,
  "last_success_ts": 1606234492,
  "state": "SYNC_SUCCEEDED",
  "error_id": 0,
  "error_text": "OK"
}
```

Property Name	Type	Description	Notes
<i>CloudStatus</i>	<object>	Object containing synchronization information.	
<i>CloudStatus.enabled</i>	<string>	Flag indicating if synchronization is enabled.	
<i>CloudStatus.error_text</i>	<string>	Error description.	
<i>CloudStatus.last_sync_ts</i>	<number>	Last attempted synchronization time.	
<i>CloudStatus.last_success_ts</i>	<number>	Last successful synchronization time.	
<i>CloudStatus.error_id</i>	<number>	Error ID.	
<i>CloudStatus.state</i>	<string>	Synchronization status.	Values: SYNC_INITIALIZING, SYNC_FAILED, SYNC_SUCCEEDED, SYNC_SUCCEEDED_WITH_WARNING, SYNC_DISABLED, SYNC_NA

Error Codes

In the event that an error occurs while processing a request, the server will respond with appropriate HTTP status code and additional information in the response body:

```
{
  "error_id": "{error identifier}",
  "error_text": "{error description}",
  "error_info": {error specific data structure, optional}
}
```

The table below lists the possible errors and the associated HTTP status codes that may returned.

Error ID	HTTP Status	Comments
INTERNAL_ERROR	500	Internal server error.
AUTH_REQUIRED	401	The requested resource requires authentication.
AUTH_INVALID_CREDENTIALS	401	Invalid username and/or password.
AUTH_INVALID_SESSION	401	Session ID is invalid.
AUTH_EXPIRED_PASSWORD	403	The password must be changed. Access only to password change resources.
AUTH_DISABLED_ACCOUNT	403	Account is either temporarily or permanently disabled.
AUTH_FORBIDDEN	403	User is not authorized to access the requested resource.
AUTH_INVALID_TOKEN	401	OAuth access token is invalid.
AUTH_EXPIRED_TOKEN	401	OAuth access token is expired.
AUTH_INVALID_CODE	401	OAuth access code is invalid.
AUTH_EXPIRED_CODE	401	OAuth access code is expired.
RESOURCE_NOT_FOUND	404	Requested resource was not found.
HTTP_INVALID_METHOD	405	Requested method is not available for this resource.
HTTP_INVALID_HEADER	400	An HTTP header was malformed.
REQUEST_INVALID_INPUT	400	Malformed input structure.
URI_INVALID_PARAMETER	400	URI parameter is not supported or malformed.
URI_MISSING_PARAMETER	400	Missing required parameter.