

Riverbed Profiler Backup API. v1.0

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Overview

Resources

Restore: Start new Restore

Get Restore Status.

```
POST https://{device}/api/npm.profiler_backup/1.0/restore
```

Authorization

This request requires authorization.

Request Body

Provide a request body with the following structure:

JSON

```
{
  "security_pwd": string,
  "exclude_logs": string,
  "password": string,
  "path": string,
  "username": string,
  "email": string,
  "include_precomputed": string,
  "exclude_reports": string,
  "host": string
}
```

Example:
[]

Property Name	Type	Description	Notes
<i>ApplyRestore</i>	<object>	Start restoring from a backup image.	
<i>ApplyRestore.security_pwd</i>	<string>	Password protecting the sensitive data in the backup file.	Optional
<i>ApplyRestore.exclude_logs</i>	<string>	Exclude flow, rollup and identity logs. Default value: true.	Optional
<i>ApplyRestore.password</i>	<string>	SSH password to connect to the remote system.	Optional
<i>ApplyRestore.path</i>	<string>	Directory path on the remote system.	Optional
<i>ApplyRestore.username</i>	<string>	SSH username to connect to the remote system.	Optional
<i>ApplyRestore.email</i>	<string>	Notify this email address when the restore is completed.	Optional
<i>ApplyRestore.include_precomputed</i>	<string>	Include Precomputed tables. Default value: false.	Optional
<i>ApplyRestore.exclude_reports</i>	<string>	Exclude saved reports. Default value: false.	Optional
<i>ApplyRestore.host</i>	<string>	Remote system: host name or IP Address.	Optional

Response Body

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

Restore: Restore status

Get Restore Status.

```
GET https://{device}/api/npm.profiler_backup/1.0/restore
```

Authorization

This request requires authorization.

Response Body

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

JSON

```

{
  "last_successful": {
    "path": string,
    "username": string,
    "subdir": string,
    "timestamp": string,
    "host": string
  },
  "running": {
    "path": string,
    "username": string,
    "status": string,
    "message": string,
    "timestamp": string,
    "host": string
  }
}

```

Property Name	Type	Description	Notes
<i>Restore</i>	<object>	Restore Status.	
<i>Restore.last_successful</i>	<object>	Information for last successful restore.	
<i>Restore.last_successful.path</i>	<string>	Directory path on the remote system.	
<i>Restore.last_successful.username</i>	<string>	SSH username to connect to the remote system.	
<i>Restore.last_successful.subdir</i>	<string>	Sub-directory path on the remote system. It's in form: {datetime}_{hr}{min}.	
<i>Restore.last_successful.timestamp</i>	<string>	Unix time (epoch) of when the restore was started.	
<i>Restore.last_successful.host</i>	<string>	Remote system: host name or IP Address.	
<i>Restore.running</i>	<object>	Information for currently running or last running restore.	
<i>Restore.running.path</i>	<string>	Directory path on the remote system.	Optional
<i>Restore.running.username</i>	<string>	SSH username to connect to the remote system.	Optional
<i>Restore.running.status</i>	<string>	Status of currently running or finished restore.	Values: COMPLETED, EXECUTING, ERROR, NONE
<i>Restore.running.message</i>	<string>	Error message if the restore has failed.	Optional
<i>Restore.running.timestamp</i>	<string>	Unix time (epoch) of when the backup was started.	Optional
<i>Restore.running.host</i>	<string>	Remote system: host name or IP Address.	Optional

Backups: Backup status

Get Backup Status.

```
GET https://{device}/api/npm.profiler_backup/1.0/backups
```

Authorization

This request requires authorization.

Response Body

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

JSON

```

{
  "last_successful": {
    "path": string,
    "username": string,
    "subdir": string,
    "timestamp": string,
    "host": string
  },
  "running": {
    "path": string,
    "username": string,
    "status": string,
    "message": string,
    "timestamp": string,
    "host": string
  }
}

```

Example:

```

{
  "running": {
    "status": "EXECUTING",
    "username": "testing",
    "timestamp": "1595875578",
    "host": "bach",
    "path": "/test/nas/mybackup"
  },
  "last_successful": {
    "username": "testing",
    "path": "/test/nas/mybackup",
    "host": "bach",
    "subdir": "20200727_1430",
    "timestamp": "1595874702"
  }
}

```

Property Name	Type	Description	Notes
<i>Backup</i>	<object>	Backup Status.	
<i>Backup.last_successful</i>	<object>	Information for last successful backup.	
<i>Backup.last_successful.path</i>	<string>	Directory path on the remote system.	
<i>Backup.last_successful.username</i>	<string>	SSH username to connect to the remote system.	
<i>Backup.last_successful.subdir</i>	<string>	Sub-directory path on the remote system. It's in form: {datetime}_{hr}{min}.	
<i>Backup.last_successful.timestamp</i>	<string>	Unix time (epoch) of when the backup was started.	
<i>Backup.last_successful.host</i>	<string>	Remote system: host name or IP Address.	
<i>Backup.running</i>	<object>	Information for currently running or last running backup.	
<i>Backup.running.path</i>	<string>	Directory path on the remote system.	Optional
<i>Backup.running.username</i>	<string>	SSH username to connect to the remote system.	Optional
<i>Backup.running.status</i>	<string>	Status of currently running or finished backup.	Values: COMPLETED, EXECUTING, ERROR, NONE
<i>Backup.running.message</i>	<string>	Error message if the backup has failed.	Optional
<i>Backup.running.timestamp</i>	<string>	Unix time (epoch) of when the backup was started.	Optional
<i>Backup.running.host</i>	<string>	Remote system: host name or IP Address.	Optional

Backups: Start new Backup

Get Backup Status.

POST https://{device}/api/npm.profiler_backup/1.0/backups

Authorization

This request requires authorization.

Request Body

Provide a request body with the following structure:

JSON

```

{
  "security_pwd": string,
  "exclude_logs": string,
  "password": string,
  "path": string,
  "username": string,
  "email": string,
  "include_precomputed": string,
  "exclude_reports": string,
  "host": string
}

```

Example:

```

{
  "exclude_logs": true,
  "username": "testing",
  "security_pwd": "test",
  "exclude_reports": true,
  "include_precomputed": false,
  "host": "bach",
  "path": "test/nas/mybackup",
  "password": "testing",
  "email": ""
}

```

Property Name	Type	Description	Notes
<i>CreateBackup</i>	<object>	Start new backup.	
<i>CreateBackup.security_pwd</i>	<string>	Password to protect the sensitive data in the backup file. Restoring the appliance from this backup will require the user to enter this password.	Optional
<i>CreateBackup.exclude_logs</i>	<string>	Exclude flow, rollup and identity logs. Default value: true.	Optional
<i>CreateBackup.password</i>	<string>	SSH password to connect to the remote system.	Optional
<i>CreateBackup.path</i>	<string>	Directory path on the remote system.	Optional
<i>CreateBackup.username</i>	<string>	SSH username to connect to the remote system.	Optional
<i>CreateBackup.email</i>	<string>	Notify this email address when the backup is completed.	Optional
<i>CreateBackup.include_precomputed</i>	<string>	Include Precomputed tables. Default value: false.	Optional
<i>CreateBackup.exclude_reports</i>	<string>	Exclude saved reports. Default value: false.	Optional
<i>CreateBackup.host</i>	<string>	Remote system: host name or IP Address.	Optional

Response Body

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

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.