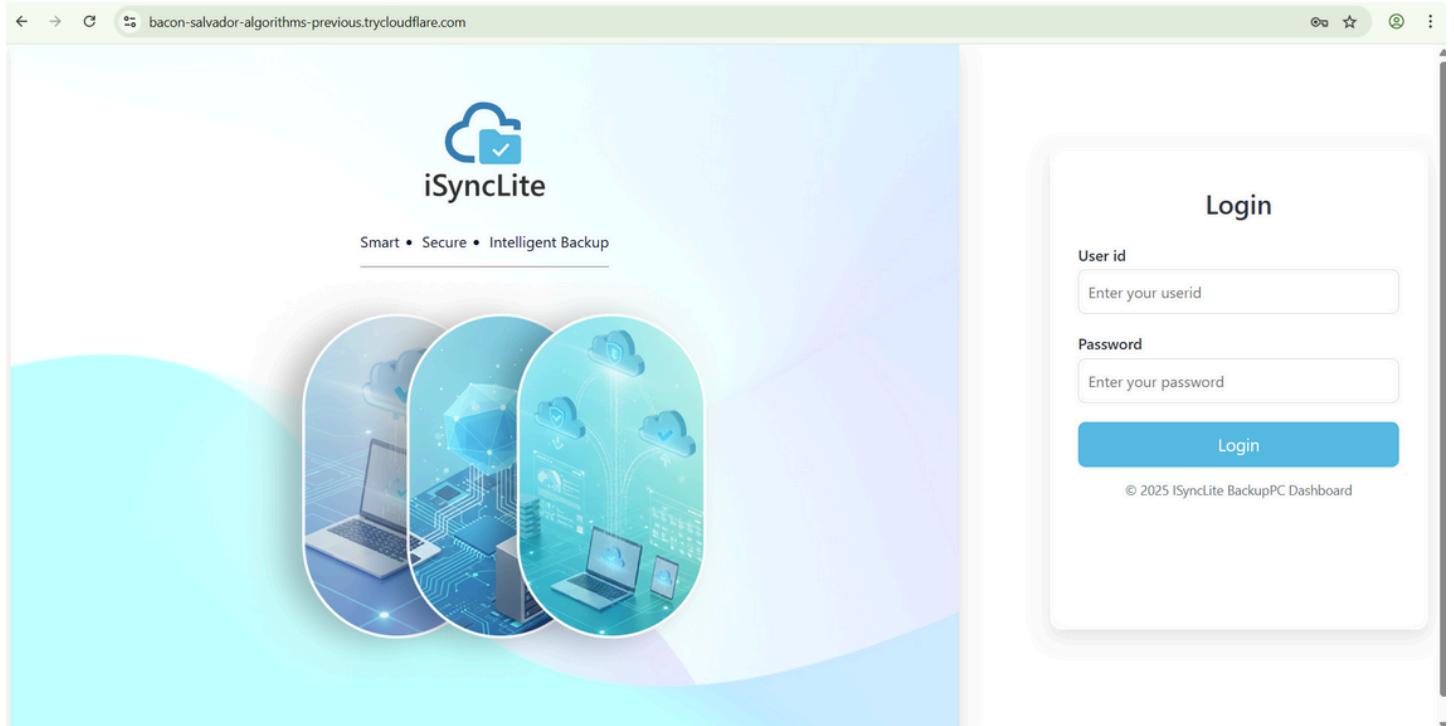


ISyncLite Backup Documentation & Testing

- Login page user can login his credential user id or password



- Backup Administration page , user can easily go throw all pages

A screenshot of the ISyncLite Backup Admin Panel. The URL in the address bar is "bacon-salvador-algorithms-previous.trycloudflare.com/home". The page has a navigation sidebar on the left with links like Overview, Global Configuration, Hosts, Backups, Restore, Reports & Logs, Notifications, Cloud Overview, Cloud Transfers, Cloud Backups, Cloud Reports & Logs, Cloud Notifications, and Cloud Settings. The main content area is titled "BACKUP HEALTH AT A GLANCE" and "ISyncLite Backup Admin Panel". It includes a sub-headline: "Configure clients, orchestrate backups, restore data and keep teams in the loop, all from a single delightful console." Below this are six cards: "Global Configuration" (Storage locations, compression and pool lifecycle), "Manage Hosts" (Register machines, owners and transfer methods), "Backups" (Monitor status and trigger full or incremental runs), "Restore" (Browse snapshots and securely recover files), "Reports & Logs" (Audit history, analyze outcomes and spot issues), and "Notifications" (Reminder cadence, email templates and routing). A "Logout" button is located in the top right corner.

- Global Configuration page
- user can decide in which location he want to make backup file path

Global Configuration

Data Directory (Backup Store Root): /home/aagarwal/Anubhav/BackupVMTest

Max Full Backups to Keep: 99

Compression Level (0-9): 9

Fill Cycle (Days): 0

Save Global Configuration

Back to Home

- User can see all the host details (particular machine) and can add new host details also

Hosts List

+ Add New Host

Hostname	DHCP	User Owner	Actions
1123234	No	host	Edit Delete
123345667	No	sudheertest	Edit Delete
127.0.0.1	No	!@!@	Edit Delete
127.0.0.12	No	Alex	Edit Delete
127.0.0.18	No	Alex	Edit Delete
127.09.19.109	No	cvfdbfbfdbfv999kggj	Edit Delete
127.09.19.21	No	rgdfgf242343	Edit Delete
127.09.19.22	No	ffgfgh565643gf	Edit Delete
127.09.19.23	No	ghrt435r43t	Edit Delete

- Back-Up Management Page**
there is two option one is Full Backup and second is Incremental Backup
Full Backup : it will take the complete backup all the files
Incremental Backup : it will take only new files backup

bacon-salvador-algorithms-previous.trycloudflare.com/backups

The screenshot shows a web-based backup management interface. On the left is a navigation sidebar with various links like Overview, Global Configuration, Hosts, Backups (which is selected), Restore, Reports & Logs, Notifications, Cloud Overview, Cloud Transfers, Cloud Backups, Cloud Reports & Logs, Cloud Notifications, and Cloud Settings. The main content area has a title 'Backup Management' and a table with columns: Hostname, Last Backup, Status, and Actions. The table lists ten hosts with their last backup time and status (Status_idle). Each host row has two buttons in the Actions column: 'Full Backup' and 'Incremental Backup'.

Hostname	Last Backup	Status	Actions
1123234		Status_idle	<button>Full Backup</button> <button>Incremental Backup</button>
123345667		Status_idle	<button>Full Backup</button> <button>Incremental Backup</button>
127.0.0.1	2026-01-15 06:00:01	Status_idle	<button>Full Backup</button> <button>Incremental Backup</button>
127.0.0.12		Status_idle	<button>Full Backup</button> <button>Incremental Backup</button>
127.0.0.18	2026-01-15 06:00:01	Status_idle	<button>Full Backup</button> <button>Incremental Backup</button>
127.09.19.109		Status_idle	<button>Full Backup</button> <button>Incremental Backup</button>
127.09.19.21		Status_idle	<button>Full Backup</button> <button>Incremental Backup</button>
127.09.19.22		Status_idle	<button>Full Backup</button> <button>Incremental Backup</button>
127.09.19.23		Status_idle	<button>Full Backup</button> <button>Incremental Backup</button>
127.09.19.24		Status_idle	<button>Full Backup</button> <button>Incremental Backup</button>

- Restore File Page
- This page is working for if in my latest backup file any issue is there so user can restore the previous file backup

bacon-salvador-algorithms-previous.trycloudflare.com/restore

The screenshot shows a 'Restore Files' page. The navigation sidebar is identical to the one in the previous screenshot. The main area has a title 'Restore Files' and a section titled 'Select Host:' with a dropdown menu labeled 'Select a host'. Below this is a button 'Restore Selected (0)' with a checkbox icon. At the bottom is a 'Back to Home' button.

- Reports & Logs Page
- User can see his reports and log and is any error or issue is there find easily
- when user click on clear logs that time all previous log will be deleted
- when user click on Back to home button page will go home page

The screenshot shows a web-based administration interface for 'Backup Administration'. The left sidebar contains navigation links for Overview, Global Configuration, Hosts, Backups, Restore, and Reports & Logs (which is selected). The main content area is titled 'Reports & Logs' and 'Select Log Type: Backup Logs'. A large text box displays log entries from January 19, 2026, at 01:00:01, detailing various host and backup-related events. A red 'Clear Logs' button is located in the top right corner of the log area.

```
2026-01-19 01:00:01 127.09.19.23: host 127.09.19.23 not found
2026-01-19 01:00:01 127.09.19.26: host 127.09.19.26 not found
2026-01-19 01:00:01 127.09.19.24: host 127.09.19.24 not found
2026-01-19 01:00:02 127.09.19.21: host 127.09.19.21 not found
2026-01-19 01:00:02 127.09.19.25: host 127.09.19.25 not found
2026-01-19 01:00:02 admin1 : __bpclpidEnd__ 244927
2026-01-19 01:00:02 Finished admin1 (BackupPC_nightly -P 2 128 255)
2026-01-19 01:00:02 admin : __bpclpidEnd__ 244942
2026-01-19 01:00:02 BackupPC_nightly now running BackupPC_sendEmail
2026-01-19 01:00:02 admin : postdrop: warning: unable to look up public/pickup: No such file or directory
2026-01-19 01:00:02 admin : postdrop: warning: unable to look up public/pickup: No such file or directory
2026-01-19 01:00:03 admin : postdrop: warning: unable to look up public/pickup: No such file or directory
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2026-01-19 01:00:04 admin : postdrop: warning: unable to look up public/pickup: No such file or directory
2026-01-19 01:00:04 admin : postdrop: warning: unable to look up public/pickup: No such file or directory
2026-01-19 01:00:04 admin : postdrop: warning: unable to look up public/pickup: No such file or directory
```

• Cloud Overview Page

user can see all the cloud storage data in this page

The screenshot shows the 'Cloud Overview' page. The left sidebar includes links for Overview, Global Configuration, Hosts, Backups, Restore, Reports & Logs, Cloud Overview (selected), Cloud Transfers, Cloud Backups, and Cloud Reports & Logs. The main section is titled 'Cloud Overview' and 'At a Glance'. It displays three cards: 'Next Schedule' (Tue 2026-01-20 02:00:00 across 5 providers), 'Last Transfer' (Success on 2026-01-19T18:09:21), and 'Active Providers' (5 total, including S3 + Azure + GCS). Below this is a 'Active Providers' section with four cards: AWS (Bucket/Container: AWS, Healthy), AZURE (Bucket/Container: AZURE, Healthy), GDRIVE (Bucket/Container: GDRIVE, Healthy), and AZURE_BLOB (Bucket/Container: AZURE_BLOB, Healthy). A separate card for SURAJGDRIVE (Bucket/Container: SURAJGDRIVE, Healthy) is also shown.

• Cloud Transfer Page

user can see all the resent transfer data or status.

Cloud Transfers

Recent Transfers

Host	Size	Duration	Ended	Status	Message
1123234	0 bytes	-	1/17/2026, 2:29:16 PM	Failed	Uploaded 0 objects
192.168.1.47	1058880 bytes	341313 ms	1/17/2026, 3:38:48 PM	Success	Uploaded 1166 objects
192.168.1.59	1005236 bytes	341148 ms	1/17/2026, 3:36:04 PM	Success	Uploaded 1165 objects

Scheduled Jobs

Name	Schedule	Scope	Next Run
Cloud Backup	0 2 * * 0	All	Sun 2026-01-18 02:00:00

Action
Select Host:
192.168.1.47

Start Sync Now

- **Scheduled Jobs** show when your data is backed up, along with the date and time. There is also an **Action** option to manually sync data according to the host.

Cloud Transfers

nayan	Full	0 bytes	239786 ms	2026-01-16 11:26:45	Success	Uploaded 0 objects
hjbuy778y89	Full	614 bytes	239786 ms	2026-01-16 11:26:45	Success	Uploaded 614 objects

Scheduled Jobs

Name	Schedule	Scope	Next Run
Cloud Backup	0 2 * * 1	All	Mon 2026-01-19 02:00:00

Action
Select Host:
192.168.1.15

Start Sync Now

- **Cloud Reports & Logs** allow users to view all cloud reports and see whether data synchronization was successful or not.
- when user click on clear logs that time all previous log will be deleted

The screenshot shows the 'Cloud Reports & Logs' section of a web-based backup administration tool. On the left, a sidebar menu includes options like Overview, Global Configuration, Hosts, Backups, Restore, Reports & Logs (which is selected), Cloud Management (with sub-options like Cloud Overview, Cloud Transfers, Cloud Backups), and Cloud Reports & Logs. The main content area has a title 'Cloud Reports & Logs' and a 'Filters' section with dropdowns for All Providers, All Hosts, and All Events, followed by an 'Apply' button. Below the filters is a log entry window containing the following text:

```
[2026-01-19 15:51:19] [INFO] Starting restore for host: 127.0.0.1
[2026-01-19 15:51:19] [INFO] Retries: 3
[2026-01-19 15:51:23] [INFO] Host 127.0.0.1 restored successfully sync/copy api
[2026-01-19 15:51:23] [INFO] Payload {sourcepath - azure:sudheer/BackupVMTest/pc/127.0.0.1, destinationpath - /home/aagarwalAnubhav/BackupVMTest/pc/127.0.0.1}
```

- **Cloud Settings**

Providers & Credentials: Users can view all server provider details that are used for cloud data backups.

The screenshot shows the 'Cloud Settings' page. The left sidebar is identical to the one in the previous screenshot, with the 'Cloud Reports & Logs' option selected. The main content area has a title 'Cloud Settings' and a 'Providers & Credentials' section. It displays a table titled 'Configured Providers' with columns: Name, Type, Bucket / Container, Region / Endpoint, Status, and Actions (Edit button). The table contains the following data:

Name	Type	Bucket / Container	Region / Endpoint	Status	Actions
aws	S3		eu-north-1	Healthy	Edit
azure	AZUREBLOB			Healthy	Edit
GDRIVE	AWS_S3	sudheer		Healthy	Edit
AZURE_BLOB	S3			Healthy	Edit
surajGdrive	DRIVE			Healthy	Edit

Below this table is a form for creating a new provider, with fields for Provider (dropdown menu with 'Select Provider'), Bucket / Container (text input), and Region / Endpoint (text input).

- **Create a New Provider:** Users can create a new provider according to their requirements.

Cloud Transfers

Cloud Backups

Cloud Reports & Logs

Cloud Notifications

Cloud Settings

Logout

surajGdrive DRIVE Healthy Edit

Provider: Select Provider Bucket / Container Region / Endpoint

Access Key: backuppadmin Secret Key: ***** Clear

+ Add Provider

Transfer Policies

Transfer Mode: After every backup Bandwidth Limit (MB/s): 50 Retries: 3

Parallel Uploads: 5

Save Policies

Set Backup Schedule Time: Users can set the backup date and time according to their requirements.

Name	Schedule	Scope	Next Run
Cloud Backup	0 2 * * 1	All	Mon 2026-01-19 02:00:00

Save Schedule

Per-Host Overrides

Host	Mode	Cron	Window	Actions
farside	Inherit global	0 2 * * *	02:00-04:00	Set custom Revert to global
larson	Custom	30 3 * * 1-6	03:00-05:00	Set custom Revert to global
apollo	Inherit global	0 2 * * *	02:00-04:00	Set custom Revert to global

Testing Scenario

Local Storage to Server Backup and Restore Scenario

1. A folder is created on the local system, and its data is backed up to the application server. The backup process completes successfully.

2. During the restore operation, a backup is selected based on a specific date. The corresponding backup file is restored to its original location, and the restore process works as expected.

3. When restoring files from a previous backup date, the existing files in the local folder are not removed, the current file data remains intact.

Testing Scenario Re-Tries

4. I have tested the retries scenario dynamic if user changes the retries value like first time 5 time and second time 3 times so it's working properly according this.

user can see in Cloud Reports & logs menu

The screenshot shows the 'Cloud Reports & Logs' page of the Backup Administration interface. The left sidebar has a 'NAVIGATION' section with links for Overview, Global Configuration, Hosts, Backups, Restore, Reports & Logs (which is selected and highlighted in blue), Notifications, Cloud Overview, Cloud Transfers, Cloud Backups, Cloud Reports & Logs (selected), Cloud Notifications, and Cloud Settings. The main content area is titled 'Cloud Reports & Logs' and contains a 'Filters' section with dropdowns for All Providers, All Hosts, and All Events, and a 'Apply' button. Below the filters is a large text block displaying log entries:

```
[2026-01-15 17:12:22] [INFO] Sync completed successfully for host 192.168.1.15 by sync/copy api
[2026-01-15 17:12:22] [INFO] Payload {sourcepath - /home/aagarwalAnubhav/BackupVMTest/pc/192.168.1.15, destinationpath - azure:sudheer/BackupVMTest/pc/192.168.1.15}
[2026-01-15 17:13:25] [INFO] Starting restore for host: 192.168.1.47
[2026-01-15 17:13:25] [INFO] Retries: 3
[2026-01-15 17:13:30] [INFO] Host 192.168.1.47 restored successfully sync/copy api
[2026-01-15 17:13:30] [INFO] Payload {sourcepath - azure:sudheer/BackupVMTest/pc/192.168.1.47, destinationpath - /home/aagarwalAnubhav/BackupVMTest/pc/192.168.1.47}
[2026-01-15 17:27:50] [INFO] Starting sync for host 192.168.1.15
[2026-01-15 17:27:50] [INFO] Retries: 5
[2026-01-15 17:27:59] [INFO] Sync completed successfully for host 192.168.1.15 by sync/copy api
[2026-01-15 17:27:59] [INFO] Payload {sourcepath - /home/aagarwalAnubhav/BackupVMTest/pc/192.168.1.15, destinationpath - azure:sudheer/BackupVMTest/pc/192.168.1.15}
[2026-01-15 17:29:10] [INFO] Starting sync for host 192.168.1.15
[2026-01-15 17:29:11] [INFO] Retries: 3
[2026-01-15 17:29:19] [INFO] Sync completed successfully for host 192.168.1.15 by sync/copy api
[2026-01-15 17:29:19] [INFO] Payload {sourcepath - /home/aagarwalAnubhav/BackupVMTest/pc/192.168.1.15, destinationpath - azure:sudheer/BackupVMTest/pc/192.168.1.15}
```

Testing Scenario: Cloud Upload

5. I created a cloud server and added my Google Drive as cloud storage. When I synchronized my backup, all the data files were uploaded correctly to my Drive storage.

My Drive > BackupVMTest > pc

Name	Owner	Date modified	File size
192.168.1.47	me	10:38 AM	—
192.168.1.15	me	10:34 AM	—

Testing Scenario: Linux Host

Local Storage to Server Backup and Restore Scenario

1. I tested the same process on a Linux host (IP-based), and the data was successfully backed up and restored according to the requirements.

Select Host:

192.168.1.59

Select Backup:

2026-01-16 15:33:55

Root Folder

rhelshare

Inside: rhelshare

New Text Document.txt

testfile.txt

- **Testing Scenario:** Special Character Files and Data

A folder containing special characters in its name was created, and it included a .txt file with special character data. The backup operation completed successfully. After restoring the file, the data special characters were restored correctly.

← → ⌂ bacon-salvador-algorithms-previous.trycloudflare.com/restore

All Bookmarks

Logout

Backup Administration

NAVIGATION

- Overview
- Global Configuration
- Hosts
- Backups
- Restore**
- Reports & Logs

CLOUD MANAGEMENT

- Cloud Overview
- Cloud Transfers
- Cloud Backups
- Cloud Reports & Logs

Select Backup:

2026-01-19 17:21:28

Root Folder

Inside: rhelshare

← Back

-  !@#\$
-  ISyncLite Backup Documentation (1).pdf
-  ISyncLite Backup Documentation.pdf
-  New Text Document.txt