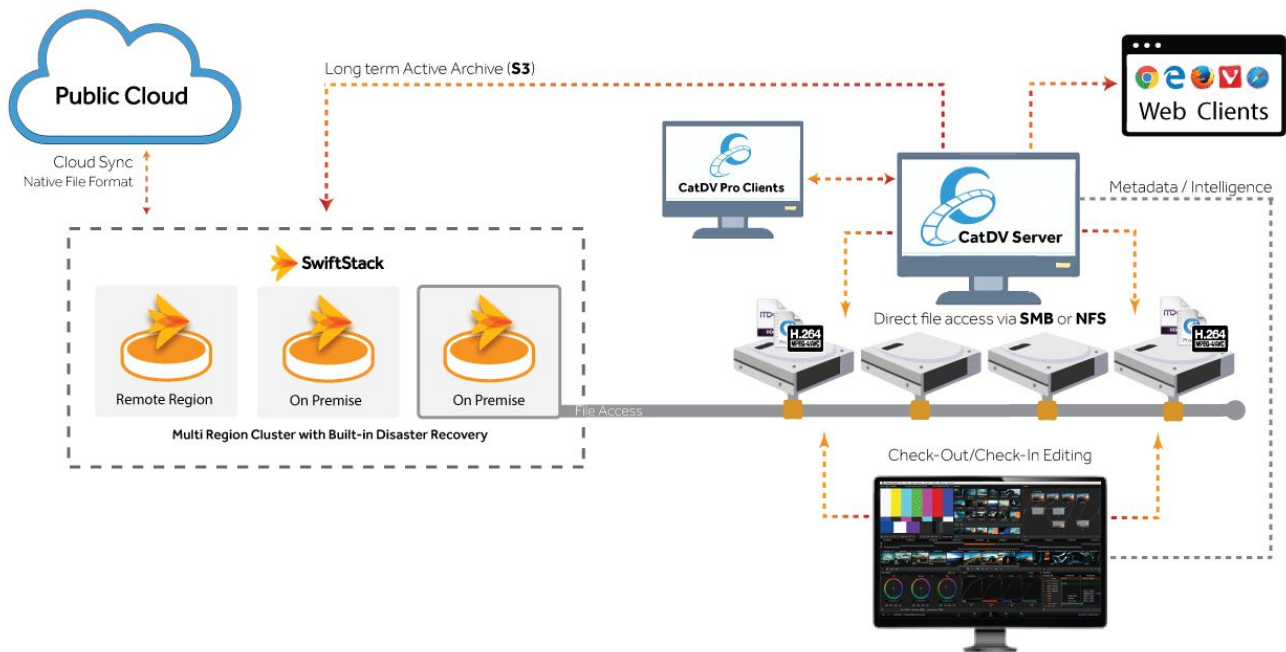
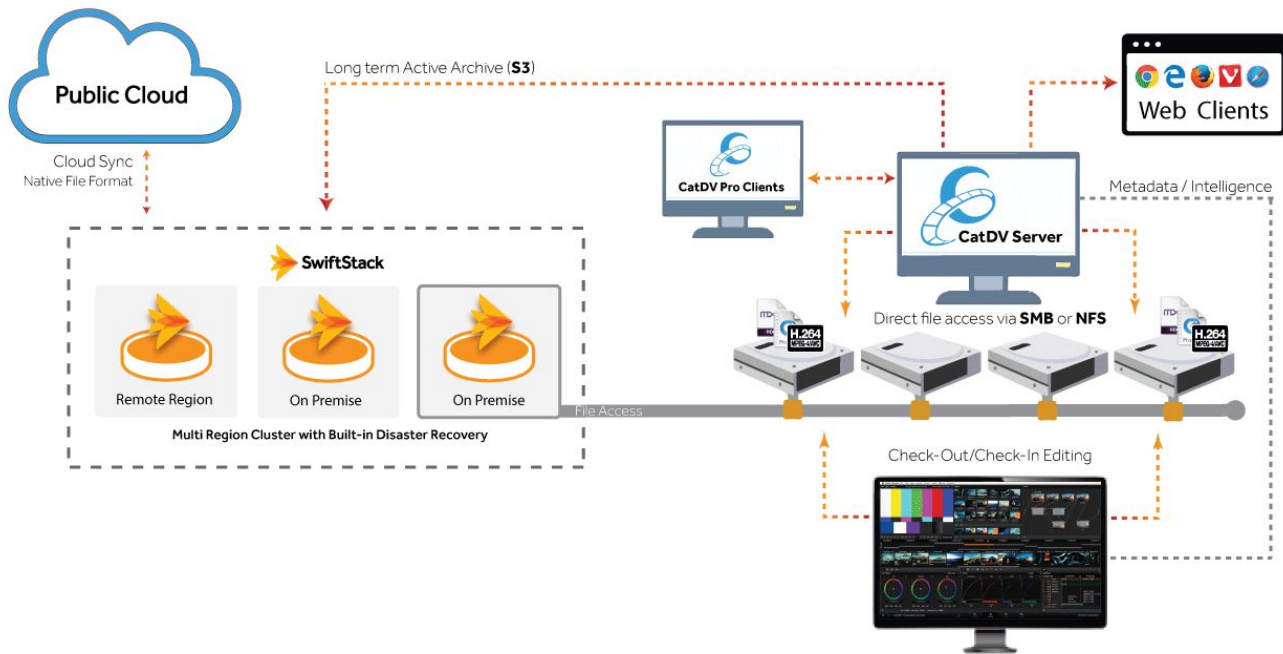


CatDV and SwiftStack How-To Guide



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Current Integration Capabilities

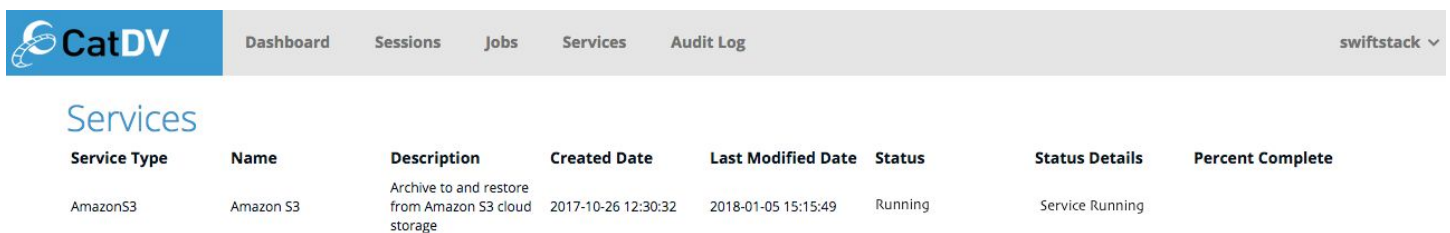


At the time of this writing, there are 2 ways CatDV can integrate with SwiftStack. First, CatDV server can utilize its S3 Plugin (Java SDK) to archive data from its storage. Both generated proxy and original source master can be archived off to SwiftStack. Second, with the release of File Access, CatDV can use SMB volume as its primary storage. Due to SwiftStack's Universal access to the same data bytes (SMB or API), you can skip the archive process since data is already securely stored on SwiftStack.

Archiving to SwiftStack via S3 guide

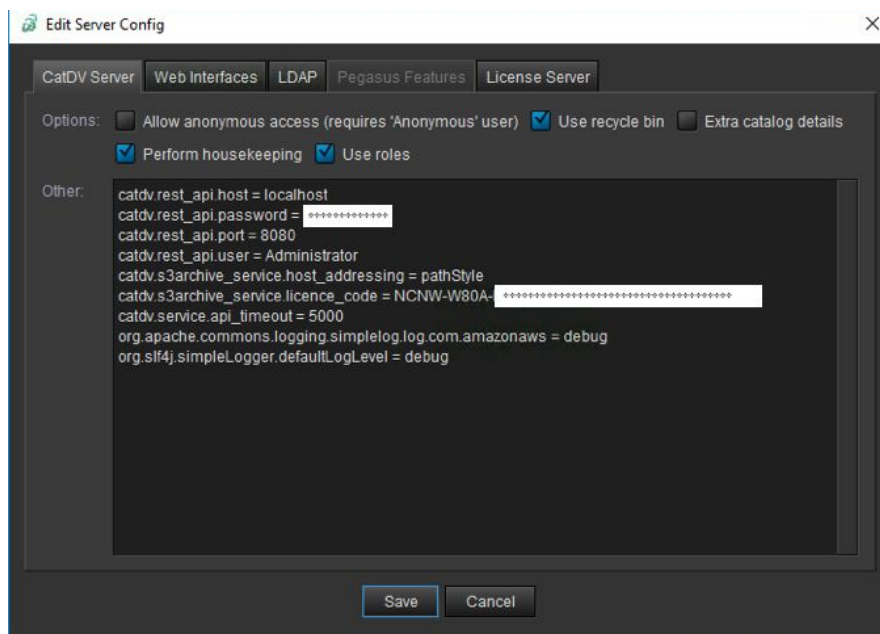
Verify S3 Plugin

This guide assumes that you have a running instance of CatDV server with the S3 Java SDK plugin. To verify that you have the plugin installed, navigate to the Web portal <http://<Server URL>:8080/> then click on the “Admin” from the top navigation and select “[Background Services](#)”.



| Service Type | Name | Description | Created Date | Last Modified Date | Status | Status Details | Percent Complete |
|--------------|-----------|---|---------------------|---------------------|---------|-----------------|------------------|
| AmazonS3 | Amazon S3 | Archive to and restore from Amazon S3 cloud storage | 2017-10-26 12:30:32 | 2018-01-05 15:15:49 | Running | Service Running | |

If you see an entry for “AmazonS3” and showing “Running” for the status, then you are ready to setup the archive configuration otherwise, please reach out to Squarebox to obtain the plugin and corresponding license for it as shown below (CatDV server configuration).



S3 Setup

From the main page of the CatDV web portal, click on Tools and select “Manage Amazon S3 Archive Service”. Here you can the SwiftStack credentials and endpoint as shown.

Manage Amazon S3 Archive Service

UID: squarebox.catdv.plugin.s3archive.in_server
Description: Amazon S3 - Archive to and restore from Amazon S3 cloud storage
Status: Running
Status Details: Service Running

Connection details:

| | |
|-------------------|---|
| Region / Endpoint | <input type="text" value="https://demo.swiftstack.tech"/> |
| Access Key | <input type="text" value="S3 Username Here"/> |
| Secret Key | <input type="text" value="S3 Secret Key Here"/> |

WARNING: Changing the connection details may cause some pending transfers to fail. Any interrupted transfers will be auto-failed. Queued transfers will proceed using the new location. However, restores will fail unless the files were previously archived to the new location.

| | |
|----------------------|--|
| Default Bucket Name) | <input type="text" value="container"/> |
|----------------------|--|

[Save and Start](#) [Close](#)

Click “Save and Start”. Initial setting verification will occur followed by a notification that the service is running and is ready to send media data to a SwiftStack cluster for archives.

Archiving an asset to SwiftStack

Click on the asset you want to archive and click “Schedule Copy to Amazon S3”. CatDV will add this asset to the archive queue and will immediately push data to the SwiftStack cluster. You can always see the archiving process via Tools > “View Amazon S3 Archive Service Job Queue”.

View Amazon S3 Archive Service Job Queue

Service: Amazon S3 - squarebox.catdv.plugin.s3archive.in_server
Status: Service Running

Filter: Pending

| Date | Description | Status | % |
|---------------------|--|--------|----|
| 2018-01-05 15:15:50 | Move "GOPR0620.mov" to Amazon S3:container | Queued | 0% |

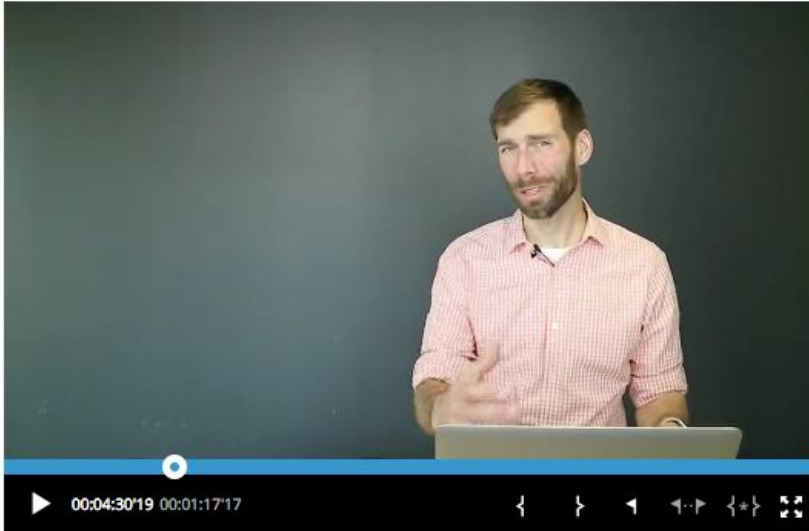
[Cancel Job](#)

Job Results Job Details

| Date | Result | Output | Date |
|---------------------|--------|--------|------|
| No data to display. | | | |

Once the asset has been successfully archived, CatDV will update the archive status as depicted here.

MVI_0090.mov.sub01



Amazon S3 Archive

| | |
|--------------------------|------------------------|
| Amazon S3 Archive Type | AmazonS3 |
| Amazon S3 Archive Name | Amazon S3 |
| Amazon S3 Archive Status | Archive complete |
| Amazon S3 Date Updated | 12/12/2017 10:42:43 am |

That's it, this particular asset has been archive to a SwiftStack Cluster. If ever this piece of media will get corrupted or accidentally deleted, all you have to do is to restore it from SwiftStack via Tools > "Schedule Restore from Amazon S3" and data will be restored with just a few clicks from within the CatDV web portal.