

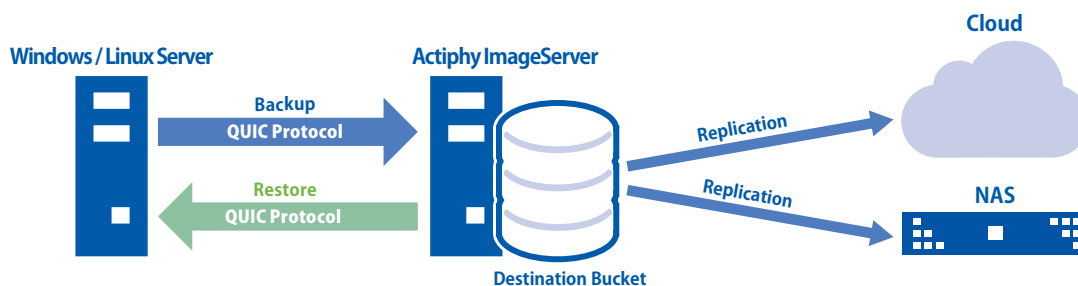
Actiphy ImageServer™

Backup Storage featured with Deduplication for backups created with ActiImage Protector™

Actiphy ImageServer™ is an integrated backup storage solution dedicated to ActiImage Protector™. Enhancing the capabilities of the existing Actiphy ImageCenter™, Actiphy ImageServer™ is featured with deduplication technology that significantly reduces the storage requirements for backups, as well as workflow feature that enables efficient management of post-backup tasks such as consolidation, replication, verification, and boot checks, thereby maximizes storage utilization and streamlines backup operations.

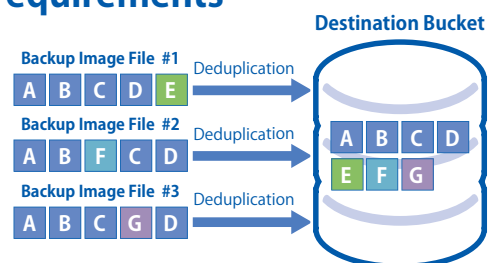
Optimized Backup Storage

Actiphy ImageServer™ enables to add a bucket on server of the destination storage dedicated to ActiImage Protector™ backup operation. Actiphy ImageServer™ uses QUIC protocol for backup data communication with ActiImage Protector™, eliminating the need to use a Windows shared folder to save backups in a bucket. This allows the backup destination to be configured without exposing it as a shared folder. In addition, backup data can be securely managed by using dedicated credentials to access the respective bucket. Moreover, supporting network shares and cloud storage as replication target, backup data can be replicated to a remote storage location for added protection.



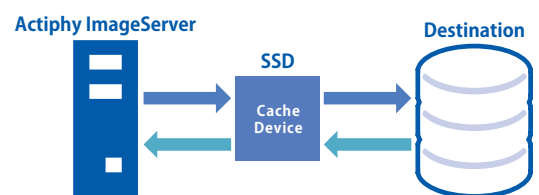
Substantially reduce destination bucket storage requirements

The deduplication feature divides backup data into blocks and saves only the blocks that are not already stored in the bucket. Thus, duplicate data are minimized and the backup storage requirements are significantly reduced. Actiphy ImageServer™ supports the combined use of its Deduplication feature with ActiImage Protector™'s Deduplication Compression feature.



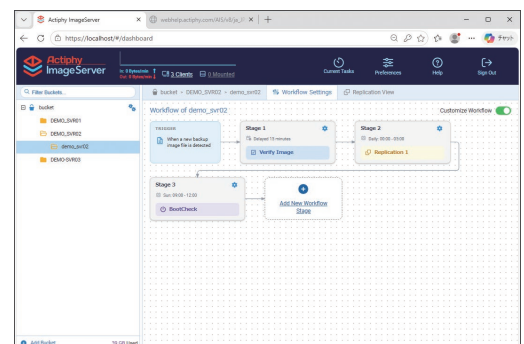
Maintain Consistent Backup Processing Speeds

When using relatively slow HDD storage devices, backup processing may take longer due to wait time spent for write operations to complete. Actiphy ImageServer™ supports a storage device such as USB SSD, as the cache device faster than the destination storage device. Caching backup data writes minimizes the impact of storage device write performance, helping maintain consistent backup processing speeds.



Organize Image Processing Efficiently

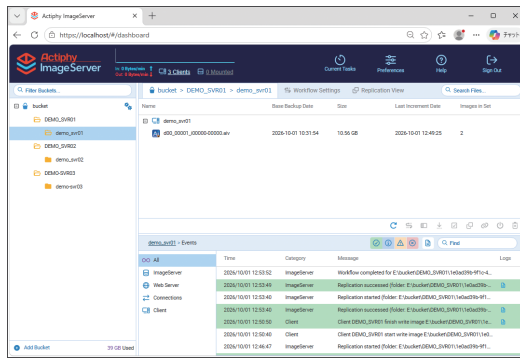
Workflow feature allows you to register image processing tasks, i.e., Verify, Replication, Consolidation, and BootCheck tasks as stages and configure their processing order and execution time windows. For example, you can schedule and configure processing to meet your requirements, such as running Verify task when a backup is created, Replication task in night-time hours, and BootCheck task on weekends. You can drag and drop the stages to reorder, providing a visual representation of the processing flow.



Backup Storage Feature

Web console for efficient centralized management

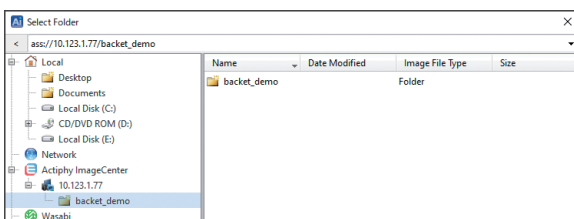
Web console provides tools for efficient centralized management of backup operation, i.e., adding a bucket in destination storage, configuring the settings for quota, monitoring storage usage, connection status, task progress, events and history. Enhancing security, console access supports TOTP-based two-factor authentication in addition to user authentication.



Actiphly ImageServer™ provides backup storage destination for ActiImage Protector™

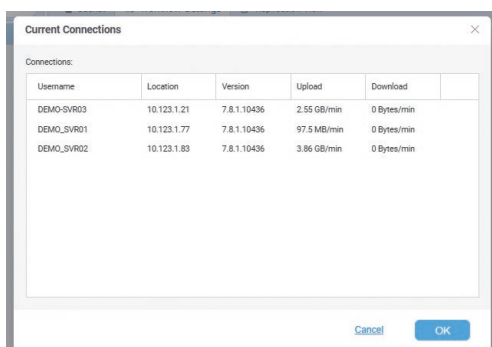
You can specify the bucket as the destination for saving backups on client since Actiphly ImageServer™ is integrated as destination storage in ActiImage Protector™. A separate authentication password can be set for each bucket, helping to keep backup data secured.

* When specifying a bucket as the destination from ActiImage Protector™ Version 7.8.1 or earlier, specify the bucket from Actiphly ImageCenter™



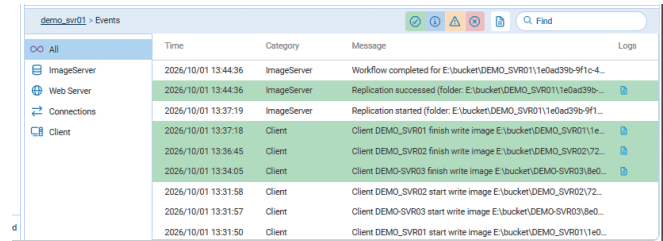
Current communication status and connected clients

This view provides real-time monitoring of the current communication (received and transmitted data) status of the connected clients.



Monitor event log records

Event pane provides real-time monitoring of the remotely connected clients, add / delete for the buckets, the status of backup tasks and history of task execution.



Alert Feature

E-Mail notification is sent when the specified event occurs, i.e., remotely connected new clients, failed / succeeded task status, insufficient available space in bucket. SSL / TLS mail server is supported.

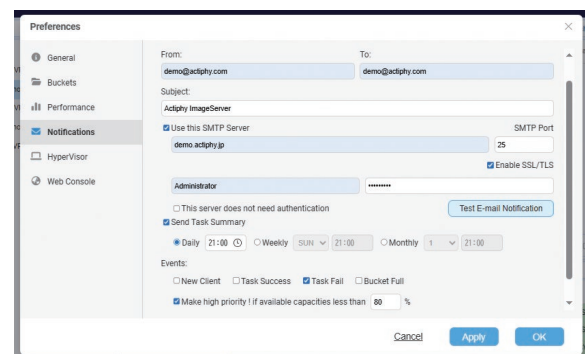


Image Mount

Actiphly ImageServer™ can quickly mount an image file as a drive, allowing to restore any files or folders from the image file.

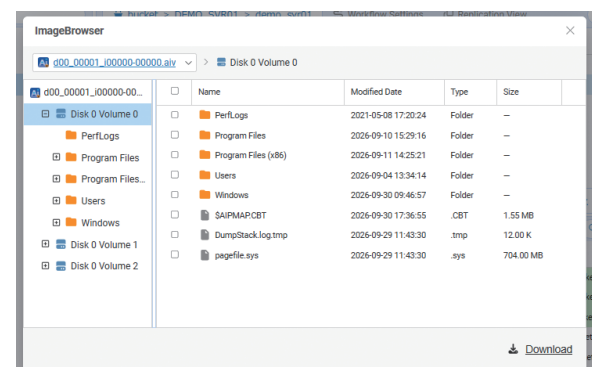


Image Management Feature

Centralized Image Management tool for backup files

Use Actiphly ImageServer™s management console enabling you to centrally manage scheduled execution of the tasks to consolidate multiple incremental backup files, to replicate backup image files to a remote site, as well as Verify tasks and BootCheck™ tasks. In addition, Workflow feature allows you to register multiple image processing tasks as stages and configure their processing order and execution time windows.

New Workflow Stage: Stage 2

Stage Name:

Folder Name:

Folder Path:

Folder Capacity:

☐ Schedule ☒ Verify

Task Type:

☒ Verify Image Task ☐ Consolidation Task

☐ BootCheck Task ☐ Replication Task

☒ Schedule 1

Execute Workflow Tasks with some delay when a new backup image is available.

Wait before starting.

[Add new time range](#)

☐ Continue workflow on failure

[Cancel](#) [Add Stage](#)

A variety of replication targets are supported

You can select a replication target from a variety of replication targets (local storage, shared folder, cloud storage, etc.) You can also select an option according to your replication policy to replicate only the latest generation or incremental backup files only, or so that synchronization occurs according to the specified schedule.

Remote File Explorer

Please select storage destination to save backup images below.

- Secure Storage
- File System
- Cloud Storage
 - Wasabi
 - Amazon S3**
 - Azure
 - SFTP
 - FTP
 - WebDAV

Connect to New Amazon S3

Credentials

Access Key:

Secret:

End Point Configuration

Region:

☐ Specified Provider

[Connect...](#)

Destination Paths

[Save Connection](#)

[Cancel](#) [Select Folder](#)

Compare and Manage Replication Data

Replication View allows you to compare backup image sets at the replication source and target to check for missing or different data. If necessary, you can copy or delete backup files between the replication source and destination.

Replication View

Replication Source: [Refresh](#) [Replicate Now](#) Replication Destination:

Name	Source Date	Size	Process	Remote Date	Remote Size
demo_svr01					
d00_00001_00000-00000.alv	2026/10/07 15:12	10.5 GB	Completed	2026/10/07 15:12	10.5 GB
d00_00001_00001-00001.a1i	2026/10/07 16:00	21.8 MB	Completed	2026/10/07 16:00	21.8 MB
d00_00001_00002-00002.a1i	2026/10/07 21:00	197.9 MB	Completed	2026/10/07 21:00	197.9 MB
d00_00001_00003-00003.a1i	2026/10/08		Completed	2026/10/08 01:00	399.1 MB

[Copy to Destination](#) [Delete from source](#)

Base Images ☐ Keep Target same as source ☐ Hide Excluded

Category Message [Find](#) Logs

Verify backup image files

Verify task is executed to check if internal tampering of the image file has occurred.

New Workflow Stage: Verify Image

Stage Name:

Folder Name:

Folder Path:

Folder Capacity:

☐ Schedule ☒ Verify

Task Type:

☒ Verify Image Task ☐ Consolidation Task

☐ BootCheck Task ☐ Replication Task

☒ Schedule 1

Execute Workflow Tasks with some delay when a new backup image is available.

Wait before starting.

[Add new time range](#)

☐ Continue workflow on failure

[Cancel](#) [Add Stage](#)

Consolidation of incremental image files

You can configure the settings for the Consolidation task to be executed to efficiently manage backup data. The consolidation process allows you to specify the number of the latest incremental backups to retain and automatically removes older backups according to the predefined policy.

Quick bootability check

BootCheck™ provides confidence that your backup images are bootable on local or remote Hyper-V host. BootCheck™ boots up a virtual machine directly from a backup image file for quick bootability check without the need for restoring the backup file.



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