

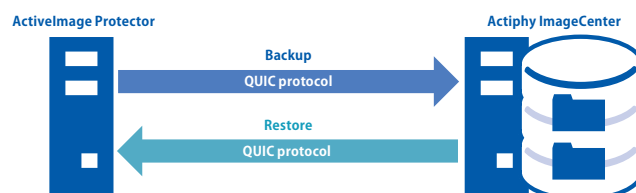
Actiphy ImageCenter™

Integrated backup storage dedicated to “ActiveImage Protector™”

Actiphy ImageCenter™ combines Actiphy StorageServer, secure storage designed exclusively for ActiveImage Protector™, with ImageCenter, Actiphy’s advanced backup image management tool. By integrating backup storage and management tool into a single solution, Actiphy delivers a secure, centralized environment for ActiveImage Protector backups, enabling Consolidation, Replication, Verify and BootCheck™.

Optimized Backup Storage

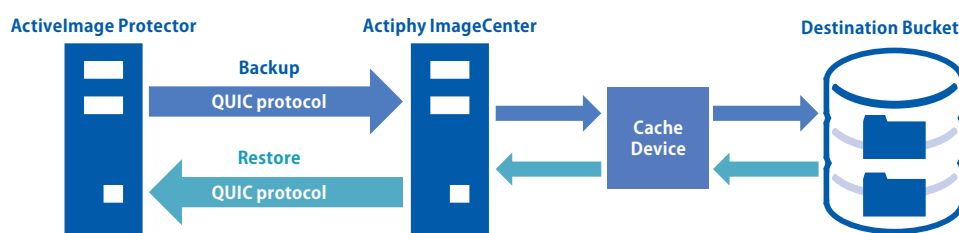
Actiphy ImageCenter™ enables to add a bucket on server of the destination storage dedicated to ActiveImage Protector™ backup operation. Since the bucket is created without using Windows network share feature, the risk of ransomware virus infection can be mitigated. Actiphy ImageCenter™ uses QUIC protocol for backup data communication and multiple concurrent QUIC connections provide efficient, high-speed backup transfers.



* A shared folder is supported to specify as the backup destination storage.

Stable backup process speed

The use of HDD storage device, delivering relatively slow read and write speeds, may cause some data in wait for writing to the storage and result in longer backup process. Actiphy ImageCenter™ is engineered to take advantage of cache device in storage server such as USB SSD, delivering faster data transfer speed than the destination storage device, that secures stable backup process and speed.



Centralized Image Management tool for backup image files

– Case Scenario –

• Save backup files in the destination bucket

ActiveImage Protector™ backups of multiple machines are destined to specified buckets.

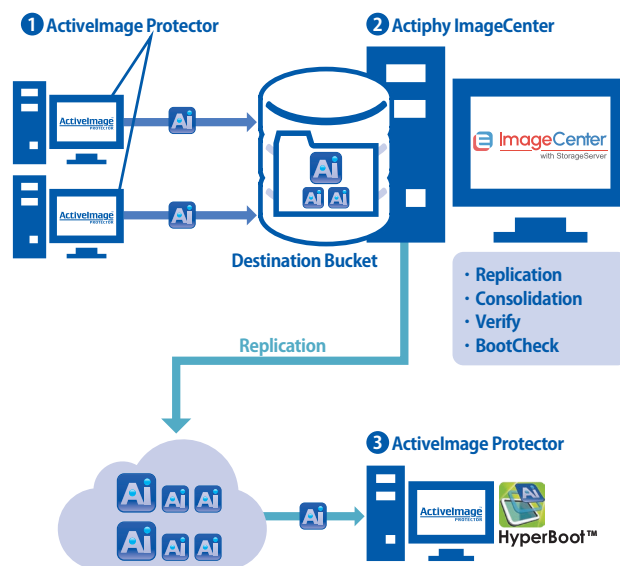
• Centralized Management and Verify Images

Actiphy ImageCenter™, installed on a dedicated server, runs scheduled consolidation and replication tasks replicating the backup image files to network storage, cloud storage, etc. These tasks automatically run according to the predefined schedules and are offloaded to the dedicated system, greatly reducing resource demands on the source machine. Use BootCheck™ for immediately ensuring that the backup images are bootable, bypassing lengthy restore process.

• Disaster Control and Quick Disaster Recovery

Off-site Replication replicates the backup image files in cloud storage to a remote storage for recovery. HyperBoot™ provides disaster/ recovery solution by immediately booting up the replicated backup images as virtual machines. These provides enhanced disaster countermeasures and quick system recovery.

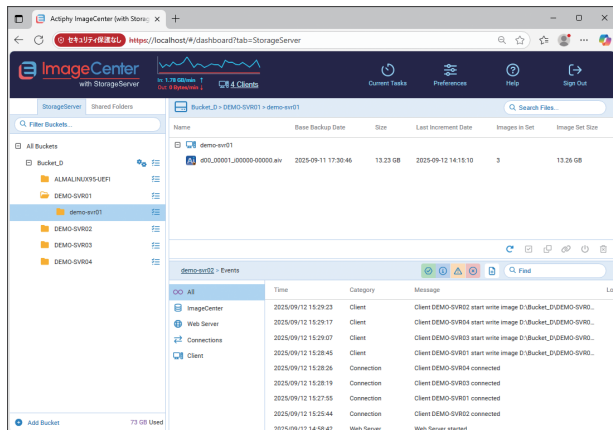
* HyperBoot™: Actiphy’s proprietary free standalone software add-on, can boot any ActiveImage Protector™ backup image as a virtual machine in minutes.



Backup Storage Feature

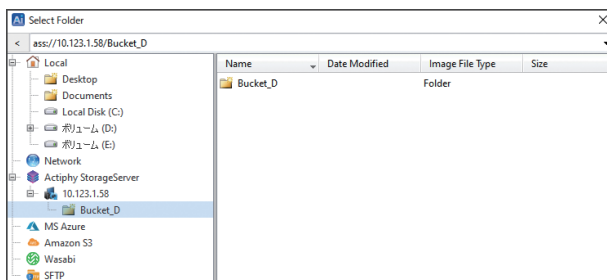
Easy installation and management

Simply install StorageServer on an existing Windows machine, and you can use StorageServer as the secure destination storage dedicated to ActiImage Protector™. Web console provides tools for efficient centralized management of backup operation, i.e., adding a bucket in destination storage, configuring the settings for the maximum limit of the storage space (quota) for the respective clients, etc.



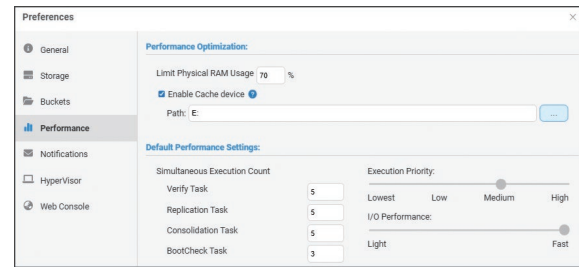
StorageServer provides backup storage destination for ActiImage Protector™

You can specify the bucket as the destination for saving backups on client since StorageServer is integrated as destination storage in ActiImage Protector™.



Add cache device

Actiphy ImageCenter™ allows you to specify the maximum physical RAM usage on system for primary cache, and cache device to add as secondary cache. The use of cache device faster than the storage which a bucket is added contributes to substantially enhance the performance of backup process.



Current communication status and connected clients

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

Username	Location	Version	Upload	Download
DEMO-SVR01	10.123.1.75	7.5.3.9722	2.76 GB/min	0 Bytes/min
DEMO-SVR02	10.123.1.58	7.5.3.9722	1.86 GB/min	0 Bytes/min
DEMO-SVR03	10.123.1.13	7.5.3.9722	2.94 GB/min	0 Bytes/min
DEMO-SVR04	10.123.1.81	7.5.3.9722	1.85 GB/min	0 Bytes/min

Monitor event log records

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

Time	Category	Message
2025/09/12 14:19:23	Client	Client DEMO-SVR02 start write image D:\Bucket_D\DEMO-SVR0...
2025/09/12 14:19:17	Client	Client DEMO-SVR04 start write image D:\Bucket_D\DEMO-SVR0...
2025/09/12 14:19:07	Client	Client DEMO-SVR03 start write image D:\Bucket_D\DEMO-SVR0...
2025/09/12 14:18:46	Client	Client DEMO-SVR01 start write image D:\Bucket_D\DEMO-SVR0...
2025/09/12 14:18:26	Connection	Client DEMO-SVR04 connected
2025/09/12 14:18:19	Connection	Client DEMO-SVR03 connected
2025/09/12 14:17:55	Connection	Client DEMO-SVR01 connected
2025/09/12 14:15:44	Connection	Client DEMO-SVR02 connected
2025/09/12 14:15:42	Client	Client DEMO-SVR01 start write image D:\Bucket_D\DEMO-SVR0...
2025/09/12 14:15:23	Connection	Client DEMO-SVR04 connected

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.

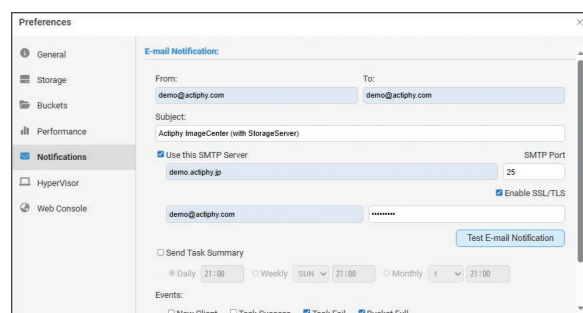
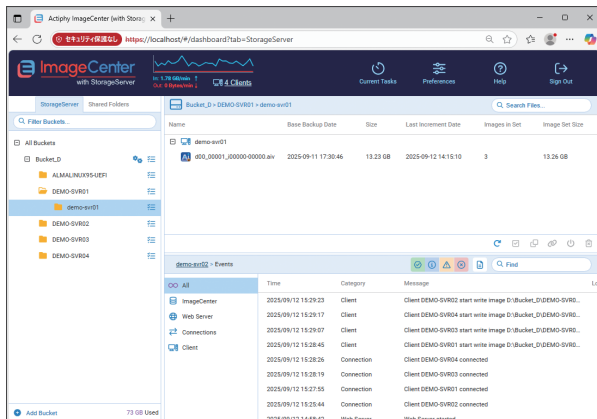


Image Management Feature

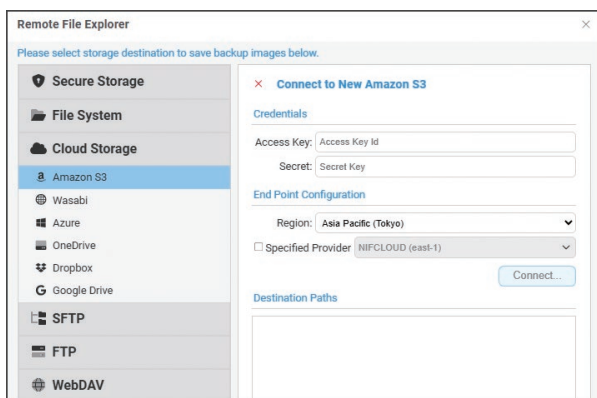
Centralized Image Management tool for backup files

Use Actiphy ImageCenter™'s management console enabling you to centrally manage scheduled execution of the tasks to consolidate multiple backup files of Windows / Linux machines, to replicate backup image files to a remote storage, as well as Verify tasks and BootCheck™ tasks. Folder-Based Backup Management streamlines administration of backup files of multiple clients.



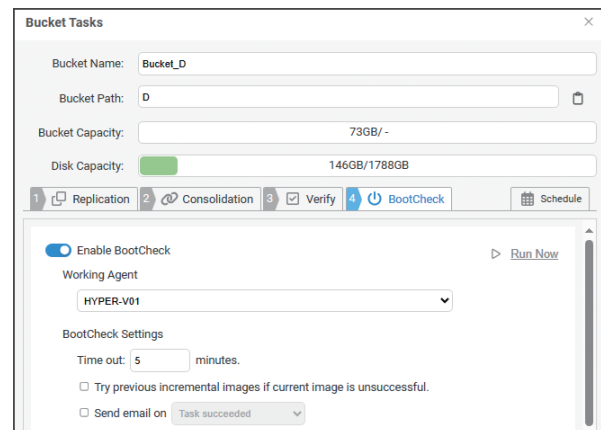
A variety of replication targets are supported

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.



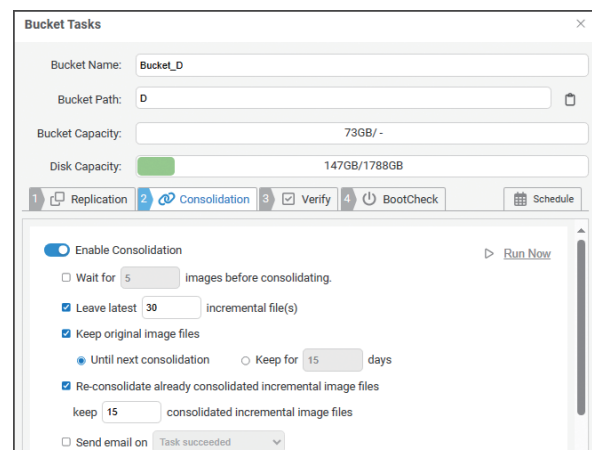
Quick bootability check

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



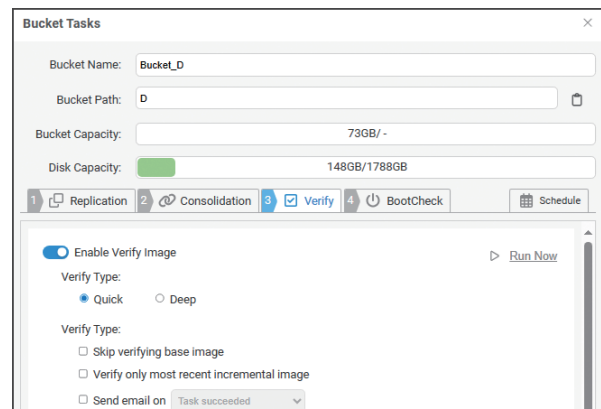
Consolidation of incremental image files

You can configure the settings for the Consolidation task to be executed, retaining specified number of the latest incremental files after consolidation.



Verify backup image files

Verify task is executed to check if internal tampering of the image file has occurred. You can select an option to verify only the last created image file or incremental backup image in an image set.



Scheduled execution of tasks

Replication, Consolidation, BootCheck™, Verify tasks can be performed immediately or when a specified number of incremental files have been created or scheduled at a specified time (on monthly / weekly basis). Schedule network-intensive tasks, such as replication tasks, outside business hours to minimize their impact.

Exclusion Settings

Monthly

Weekly

Day of the Week

Specified Date

Month:

1

2

3

4

5

6

7

8

9

10

11

12

Week1:

Sun

Mon

Tue

Wed

Thu

Fri

Sat

Week2:

Week3:

Week4:

Week5:

Final Week:

Exclude Time:

09:00

~

21:00

Cancel

OK



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