Arcserve ImageManager with Quantum ANZ Secure Cloud

Quantum ANZ Secure Cloud is a certified partner for <u>Arcserve Cloud Replication</u> <u>Partners</u>. Since its launch, <u>ImageManager Backup Management | Arcserve</u> has been validated for seamless integration with Quantum ANZ Secure Cloud.

Backing up data to Quantum ANZ Secure Cloud using Arcserve involves a two-step process.

- 1. Use Arcserve ShadowProtect SPX to manage backup tasks.
- 2. Configure ImageManager's replication job for its managed folder.

Assuming you already have step 1 done and well managed, this article will mainly guide you through the step 2 in detail.

Important Note: Data restoration is managed by your chosen backup software. Given the numerous factors that can influence individual environments, it is highly recommended to consult your backup software's technical support team for assistance with challenges or application-specific questions.

1. Download Arcserve ImageManger for Free from <u>Software Downloads</u> - <u>ShadowProtect | Arcserve</u> and finish installation.

ShadowProtect an	nd VirtualBoot Arcserve ImageManager download					
Recovery Environr	nent					
Granular Recovery	for Exchange	Version number: 7.9.0				
		Free backup management software for SPX or ShadowProtect backups				
ImageManager		User interface for HeadStart Restore®, intelligentFTP®, and ShadowStream® (client) technologies				
	Sector 1	Update				
Arcserve ShadowControl		.EXE INSTALLER FILE INSTALLER INSTRUCTIONS				
		ImageManager User Guide				
		ImageManager Release Notes				

Arcserve ImageManager				_	×
	View: 📄 All Folders	 Sort: • Failures First (A-Z) 	-		
	Activity/Job	Current Action	Current Progress		
localhost : 56765					
Agent Tasks					
🛃 Connect to Agent					
🛃 Disconnect Agent					
Start Processing					
Notification Settings					
Agent Settings					
See regene secondan					
Help Tasks					
View Help Contents					

2. Add Managed Folders to Arcserve ImageManager

📄 Managed Folder Setti	ngs			×
General Verification Re	tention			
Folder Path:	E:			
Description:				(optional)
Folder Type:	Normal	•		
This folder requires	authentication			
Use the default	t folder credentials defined in Age	nt Settings		
O Define specific	credentials for this folder:			
Domain or Co	omputer or NAS:			
Username:				
Password:				
Qualified Nam	ne:			
Use password to op	en images in this folder:			
Assign sort priority r	elative to other managed folders:		255 🚔 (0-2	55)
			Save	Cancel

🔜 Arcserve ImageManager				– ø ×
	View: 🚞 All Folders	▼ Sort: ● Failures First (A-Z)	- 🗐 🗐 🔊	🕱 🗹
	Activity/Job	Current Action	Current Progress	
localhost : 56765	▲ 🔂 E:\ (Auto-Manage: Off)			
	▷ 📄 E:\			
	E: (340 images)			
	E:\ (977 images)			
	E:\III (318 images)			
	E:\= (328 images)		Other: 7.4 TB Folder: 507.0 GB	Free: 8.4 TB

3. Click on Agent Setting at the bottom left and select the Locations tab.

Arcserve ImageManager				_	×
	View: 📄 All Folders	▼ Sort:) 👻 💽		
	Activity/Job	Current Action	Current Progress		
localhost : 56765					
Agent Tasks					
Sonnect to Agent					
Disconnect Agent					
Start Processing					
Licensing					
Agent Settings					
Help Tasks					
View <u>H</u> elp Contents					

Agent Settings for	84 [°]		×
General Performance Global Retention	on Locations About		
Destination Locations:			+ × /
Name	A Path		
Arcserve Cloud Replication Partners		Save	Cancel

4. Click on "+" button to define new destination location.

Agent Settings for		×
General Performance Global Retention	ocations About	
Destination Locations:		* × /
Name 🔺	Path	Define new destinction location
Arcserve Cloud Replication Partners	Save	Cancel

5. From the Type dropdown menu, select **Amazon S3 Compatible Storage**.

E Location Settin	ngs	×
Type:	📃 Local Drive	
Name:	E Local Drive	
Path:	intelligentFTP	
This location	re 🕢 VMware ESX/ESXi Server	
Username:	Amazon S3 Compatible Storage	
Password:		
	Save Cancel	

- 6. Set the **Name** of this location and specify the **S3 Endpoint** select one which is closer to your location for better performance.
 - s3-mel.quantum-anz.online
 - s3-syd.quantum-anz.online
 - s3-per.quantum-anz.online

The **Bucket** normally uses the bucket name you created for your client in the Quantum ANZ Secure Cloud S3 account. (Like: company-a-name, bucket-of-your-client, etc.)

👄 Location Setting	s		×
Type:	📤 Amazon S3 Compatible Sto	orage 🔻	
Name:	Quantum ANZ Secure Cloud		
S3 Endpoint:	s3-mel.quantum-anz.online		
Bucket:	image-manager-testing		
This location re	quires authentication		
Access Key:		AK06ULAWEAA7X5KT8C3T	
Secret Key:		•••••	
		Save Cancel	

7. Click Save, and then you can see the bucket you choose in Quantum ANZ Secure Cloud is added as your Cloud Replication Location now.

🗐 Agent Settings for				×
General Performance Global Retention	locations About			
Destination Locations:		÷	\times	1
Name 🔺	Path			
Amazon S3 Compatible Storage				
ಎ Quantum ANZ Secure Cloud	s3-mel.quantum-anz.online/image-manager-testing			
Arcserve Cloud Replication Partners	Save	Cano	el	

8. Right-click a managed folder to Create a **Replication Job** for it.

🔜 Arcserve ImageManager				– 0 ×
	View: 📜 All Folders	 Sort:	- 🚛 🛅 🛤 🖦 😻	¥. 🗹
	Activity/Job	Current Action	Current Progress	
localhost : 56765	E:\ (Auto-Manage: Off)			
	E:V (285 images)			
	▷ 🧰 E:* 🛋 (340 images)			
	E:\ (977 images)			
	E:\ (318 images)			
	E: E: (328 images)			
	Expand All		Other: 7.4 TB Folder: 507.0 GB	Free: 8.4 TB
	Collapse All			
	Start Managing			
	📷 Stop Managing			
	Start Processing			
	Create Job +	🍪 Replication		
5.5555 	Properties	HeadStart Restore Create Replication Jo	do	

9. Select **Amazon S3 Compatible Storage** and the **Replication Location** created in the previous steps from the drop-down menu. **Subdirectory** will normally be your managed folder name.

📤 Replication Target for backu	up images of ACA017	\times
General		
Name: Replicate back	up images of FolderName	
- Destination		
Type:	📥 Amazon S3 Compatible Storage 🔹 👻	
Location:	s3-mel.quantum-anz.online/image-manager-testi 🔹 🥒	
Subdirectory:	FolderName	
- Performance & Security		
🔲 Don't replicate Base ir	mage files	
Start replicating in	ncremental backup images immediately	
Arcserve Cloud Replication Pa	artners Cancel	

10. The ImageManger will start the Replication process to the Quantum ANZ Secure Cloud now.

F() (331 images)								
⊿ 📄	c. (Jorninag	(3)		Other: 7.4 TB	Folder: 507.1 GB	Free: 8.4 TB		
0	Verification	ldle						
	Consolidation	ldle						
Ĩ	Retention	Idle						
4	놀 Replicate backup im	ages Idle (Queued Files: 0)						
	territoria carrier	4						
1.000								
	Type:	Amazon S3 Compatible Storage		File Waiting to Re	plicate	File Size		
	Location:	3-mel.quantum-anz.online/image-man						
	Status:	Ready						
	Last Transfer:	Recovery_VOL-b002-i3910-cd.spi						
	Finished at:	28/11/2024 3:31 AM						

- S3 Compatible Storage: Replicate to a user account using an S3 bucket.
- Note: S3 only sends -cd (daily) and -cm (monthly) files so you should not sync the Managed Folder with the S3 files. When a -cm file is replicated, the -cd files for that period can be removed. Retention always keeps the -cd files older than the most recent -cm file. When a new -cm file is replicated all -cd files older than the next most recent -cm file will be removed. This way it always retains at least one month of -cd files.

Please refer to the link <u>Replicate Backup Images</u> for more information about how the Arcserve ImageManager handle the replication job.

11. When the replication job is finished the file transfer. You can see those files in the created folder in the bucket you select.

Pleesense bucket Pleesense bucket	Path: /			☆ .	/ I 7 5
acapacific	Name	Size	Туре	Last Modified	
image-manager-testing	🛅				
	C_VOL-b002.md5	80 bytes	MD5 File	30/04/2024 10):38:52 AM
	C_VOL-b002.spf	9.74 GB	SPF File	30/04/2024 10):01:30 AM
and printing the other	C_VOL-b002.spf.bitmap	18.00 KB	BITMAP File	30/04/2024 10):38:52 AM
a gant Artash	C_VOL-b003.md5	80 bytes	MD5 File	28/06/2024 3:	58:25 PM
- A data O Chailing	C_VOL-b003.spf	9.74 GB	SPF File	30/04/2024 10):38:53 AM
	C_VOL-b003.spf.bitmap	17.50 KB	BITMAP File	28/06/2024 3:	58:26 PM
	C_VOL-b003-i1180-cd-cm.md5	62 bytes	MD5 File	30/06/2024 7:	07:23 AM
	C_VOL-b003-i1180-cd-cm.spi	1.59 GB	SPI File	30/06/2024 7:	03:19 AM
	C_VOL-b003-i1180-cd-cm.spi.bit	63.50 KB	BITMAP File	30/06/2024 7:	07:23 AM
	C_VOL-b003-i1411-cd-cm.md5	62 bytes	MD5 File	30/06/2024 8:	22:05 AM
	C_VOL-b003-i1411-cd-cm.spi	4.37 GB	SPI File	30/06/2024 8:11:29 AM	
Tasks (4) Permissions Headers Tag	Upload - Download	Delete 🙀 Ne	w Folder 🛛 🕞 Refre	543 files (466.	93 GB) and 0 folder:
Task		Size	%	Progress	Status