

Bare Metal Backup

Bare Metal Backup (BMR) Overview

Backup Modes

- Local: backup to local storage device
- Local + Replication: backup to local storage device, then replicate to a cloud

Backup Type

- Full: full image of hard drive is backed up
- Differential: difference from last FULL backup is backed up



DataSet



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Backup

Schedule Backup

Recurring backup is essential to protect file

Step 1 – Log into RingStor Explorer

Step 2 – On left pane, select community, DataAgent, and click File Backup to bring up DataSets in right pane Schedule

Step 3 – Right click a DataSet in right pane, click Backup and Recover menu

Step 4 – On Backup tab, click Backup button

Step 5 – Set schedule details, notification if needed

		RingStor DataAgent Console
		Backup Recovery
		DataSet
		DataAgent: rswin10
		DataSet: bmr
		Backup Mode: Local Backup
tiles	5	Backup Types
		Full O Differential
		Provide folder for backup data
		Backup to this folder for all local backups on DataAgent
		1/192.168.0.111/localbackups
		ex: c:\mydata, \\myserver\sharedpath
		Create a second copy in folder below for base line import:
		Post Backup
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General No



Backup

Monitor Backup

RingStor Explorer Task List tab shows all jobs

Auto Refresh: On	✓ Filters:	All Communities	V All Data	Agents 🗸 All A	gents	 ✓ All job sta 	ates 🗸 🗸	Last 12 hours 🗸	Total	1 < >		
Start Time	End Time	Community	DataAgent	Agent Type	DataSet	Task Type	Task State	Processed / Total	Progress	Transmit Size	User	Reas
8/2/2021 2:56:25 PM	8/2/2021 6:44:08 PM	Tax & Service	rswin10	Bare Metal Backup	bmr	Backup (Full)	Completed	93.32 GB / 93.32 GB	100%	N/A	taxadmin	

Step 1 – Log into RingStor Explorer

- Step 2 Click Task List tab to view recent jobs
- Step 3 Right click a job to view details

Failure Reason: error encountered

íask ID:	AD41CBE2-46	24-6FA1-3C5F-154A7E243783		
Agent Type:	Bare Metal Bac	kup		
Task Type:	Backup (Full)			
Task State:	Completed			
DataSet:	bmr			
Start Date:	8/2/2021 2:56:2	5 PM		
End Time:	8/2/2021 6:44:0	8 PM		
Duration:	3 Hour(s), 47 M	inute(s)		
Progress:	100%			
Processed Objec	cts / Total Objects:	53/53		
Processed Size /	Total Size:	93.32 GB / 93.32 GB		
New Objects Det	ected:	0		
Total Size for Nev	v Objects:	0 Bytes		
Transmit Size:	N/A			
DataAgent:	rswin10			
Jser:	taxadmin			
Failure Reason:				

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Restore

BMR Restore Overview

Mount Backup Image

- Mount backup image from local storage device
- Browse and select file(s) to restore to local

Browse backups from:	Local Backup	~
Select a backup to restore:	Backup on 8/2/2021 2:56:00 PM	~
rowse and Restore		

Restore Backup Image to VHD or VHDX

- Restore backup images to a VHD or VHDX at local site or cloud
- Create VM from VHD or VHDX in Hyper-V

- Option to create VHD or VHDX right after backup complete to eliminate recovery time

\\192.168.0.111\vhd	s\c27db3fd	-348f-41cb-	abfd-dda7f06	
Virtual disk format:	VHD	~		

Restore Backup Image to Physical Hard Drive

- Restore backup images from local storage to a hard drive of physical server



Troubleshooting

Logs

RSDataAgent.log - DataAgent service logs

RSAgentFileSystem_<DataSet> - Logs for DataSet. DataSet's name is appended to the log file name

Download Logs

Log into RingStor Explorer, open Task List tab on right pane, right click the job, select Download Logs from DataAgent

Logs			
01000			
O Logs	since a specifi	ed date	
Date:	01/23/2021]-
All			
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