

Creating Hyper-V Rapid Recovery Backup Sets

https://campus.barracuda.com/doc/93197954/

To create a Hyper-V Rapid Recovery backup set, perform the following steps.

1. Navigate to the **Computer** page. The **Computer** page is displayed.

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+ View Computer (Bi	irracuda)						C Support	Search for an account	t. I
Computer Information									📝 Edit
Backup agent:	Connected 2							04/14/2017	- 07/14/291
Computer name:	Physical				5.0 KB-				
Computer ID:	0001				4.0 KB-				
Email address:					3.0 KB-				
Phone number:	1111111111				2.0 KB-				
Group: Local backup subscription:	Enabled				10 KB-				
(60) (6					0.05*	6220	17 6/162	017 7/7/2	017
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3. In the **Backup Type** pane, click **Hyper-V Rapid Recovery**. The **Select** page is displayed.

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1-2 of 2 items



Select Schedule I	Retention	Advanced Summary	
Select Storage Location			
I Local	Path:	E/\	Browse
Select the location where yo	ur backups are sti	ored. Be sure there is enough available space t	to host the entire backup (and its future revisions).
Select Your Virtual Machines: Current selection:			Select the virtual machines on the left that you want to include in this backup set.
		Windows 2012 R2 small L Windows 7 Windows 8.1 L Windows10_Recovery	
¢			Next

- 4. Click the **Backup Name** to provide a new name for your backup set or accept the default.
- 5. At the **Select Storage Location Path** field, type a path, or click the **Browse** button to select the storage location of your backup.

Ensure there is enough space available to host the entire backup and its future revisions. Changed locations of the destination hosts of the recovery VMs, are not changed until the next backup set is run.

- In the Current selection pane, select the virtual machines you would like to back up.
 Notes
 - Any VMs that already are included in other backup sets are grayed out.
 - A warning icon is displayed for VMs that have not been upgraded.
 - Multiple VMs can be included in the same backup set.

Clicking the arrow 🗋 at the right of the VM displays more revisions of the VM.

Your selections are displayed in the far-right pane. Click the remove icon \bowtie to remove any selections or clear the item check box.

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# Local	Path:	E:\	Browse	
Select the location where yo	ur backups are st	ored. Be sure there is enough available space	to host the entire backup (and its future revisio	ns).
What Virtual Machines Wo Select from the available Virtual M Select Your Virtual Machines:	uld You Like to fachines below to	backup? backup.		
Current selection:			🖶 win-tn7pj0pt0)
■ 番 win-tn7pj0pt0)	HYPER-V2012R2-4 Windows 2012 R2 small Windows 7 Windows 8.1 Windows10_Recovery	HYPER-V2012R2-4	د

- 7. At the **Name** field, type a unique name for the backup set.
- 8. After making your selections, click **Next**.
 - The **Schedule** page is displayed.

Recurrence	Pattern					Schedule	_
○ By Minute ● By Hour(s) ○ By Day ○ By Week	(5)	Every 1	+ Hou	ur(s)	Time of day Start At: 1 hour(s) after Creation of Backup I Allow To Finish	Schedule 1 Every 1 hour(s) after creation of backup and allowed to finish before starting the next schedule occurrence.	×
Information • Multip • Minut • There	le Weekly sche ely and Hourly can only be on	dules are p and Daily re e Minutely (ermitted ecurrences or Hourly o	cannot be mi or Daily sched	xed with Weekly recurrences ule configured		

9. Accept or edit the default schedule.

Notes

- $\circ\,$ The default schedule is every hour.
- Multiple weekly schedules are permitted (if they do not overlap).
- By the minute, hourly or daily recurrences cannot be mixed with weekly recurrences.
- \circ There can only be one by the minute, hourly, or daily schedule configured.
- The **Allow to Finish** check box is always selected and grayed-out.

Your schedule is displayed in the **Schedule** column. Click the remove icon \bowtie to delete schedule.

10. After setting your schedule, click **Next**. The **Retention** page is displayed.

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Archiving Rules		
Determine how many vers retain.	ons of each data you would like to Keep 96 🔹 recoverable versions of ba	ckups at the destination.
otes —		
 You can retain up to up to 4 day(s) of reci 	9 revisions per virtual machine. With your chosen schedule of backing up every 1 erable versions at the destination.	hour(s) and keeping 96 version(s), you will reca
 You can retain up to up to 4 day(s) of reci The backup set press 	Previsions per virtual machine. With your chosen schedule of backing up every 1 erable versions at the destination. ves the current state of the virtual machine(s) only. User generated snapshots are	hour(s) and keeping 96 version(s), you will reca e not saved.
 You can retain up to up to 4 day(s) of rec The backup set press 	9 revisions per virtual machine. With your chosen schedule of backing up every 1 rerable versions at the destination. ves the current state of the virtual machine(s) only. User generated snapshots are	hour(s) and keeping 96 version(s), you will reca e not saved.

Notes

- You can retain up to 99 revisions per virtual machine. With the default schedule of backing up every 1 hour and keeping 96 versions, up to 4 days of recoverable versions are retained at the storage location.
- The backup set preserves the current state of the virtual machines only. Usergenerated snapshots are not saved.
- 11. Specify how many recoverable versions of backups at the storage location you would like to retain, and then click **Next**.

The Advanced page is	aispiaye	30.
Select Schedule Retention	Advanced	Summary
Ten Define where the temporary folder that's o VM(s) resides. Manually type in a path or brow	nporary Folder used in backing up wse to the desired location.	Path: C:\Windows\TEMP\BackupAgent Browse
This software will attempt to make an app backup first. If unable, a crash-consistent l	Backup Mode lication-consistent backup is created.	Allow Crash-Consistent Backups AIMPORTANTI Crash-consistent backups do not preserve data integrity of open files of transactional applications on the VM guest OS and may result in data loss.
< Previous		Next >

Requirement

You must specify a temporary folder located on a disk with sufficient space. Temporary space of 1 GB is recommended for Hyper-V backups.

- 12. In the **Temporary Folder** field, accept the default, type a new path, or click the **Browse** button to locate the temporary folder that is used during backing up.
- 13. Optionally, in the **Backup Mode** section, select the **Allow Crash-Consistent Backups** check box.

Crash-consistent backups do not preserve the integrity of data for open files of transactional applications on the VM guest OS and may result in data loss.

- Definitions: A crash-consistent backup captures all the virtual machine's data at the same time.
- An application-consistent backup captures all the data including the data in memory and all transactions in process.

Notes

• When crash-consistent backups are enabled, the virtual machine may become



unavailable during the snapshot process.

 The software attempts to make an application-consistent backup. If unable, a crashconsistent backup is created

Pre-Windows Server 2016 versions display a different backup mode option as shown below.

I	Backup Mode	E-
I	This software will attempt to make an online backup first. If	Enable Offline Backup Support
	unable, an offine backup is created, pausing the virtual machine into a saved state while the snapshopt is taken and the virtual	When enabled, the virtual machine may become unavailable during the snapshot process.
I	machine is resumed.	

When enabled, the virtual machine may become unavailable during the snapshot process. The software attempts an online backup first. If unable, an offline backup is created. The virtual machine is paused and put into a saved state while the snapshot is taken, and then the virtual machine resumes operation. VMs in a saved or a paused state can be backed up. The imported recovery VMs are in a saved state in both cases.

Tip: This mode is useful if an online backup cannot be taken. For instance, if the guest VM has dynamic disks, this mode allows guest VMs to be backed up in a non-quiesced, offline state.

14. Click Next.

The **Summary** page is displayed.

Select	Schedule	Retention	Advanced Summ	עי			
Select		Contains:	1 VM(s) selected, size This host (hyperv201	8.4 GB (estimated). dawn-) is subject to a Hy	per-V host license.		
		Destination	C:\Recovery				
Schedule		Schedule 1	Every 1 hour(s) after occurrence.	reation of backup and a	allowed to finish before st	arting the nex	at schedule
Retention	1	You will be able	e to recover up to 96 ver	ons(s) from the past 4 d	ay(s).		
Advanced	l.	Temp Location	C:\Windows\TEMP\B	ckupAgent			
		Allow Crash-Co	onsistent Backups				
< Previous							
						Cancel	Create Backup Set

15. After reviewing your selections, click the **Create Backup Set** button.

Your scheduled backup is displayed on the **Backup Selections** page.

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Figures

- 1. image002.jpg
- 2. image004.jpg
- 3. image006.jpg
- 4. image008.jpg
- 5. image010.jpg
- 6. image012.jpg
- 7. image014.jpg
- 8. image016.jpg
- 9. image018.jpg
- 10. image020.jpg
- 11. image022.jpg
- 12 image022.jpg
- 12. image024.jpg

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