

WINDOWS SERVER BACKUP BACKUP AND RESTORE USING WINDOWS SERVER BACKUP

Prepared By DIS APSCN LAN Support <u>http://apscnlan.k12.ar.us/downloads</u>

Backup Using Windows Server Backup

1. Bring up Server Manager, click on Manage, and select Add Roles and Features



2. On Before You Begin page, click Next



3. On Installation Type page, click Next



4. On Server Selection page, choose the server you want to setup and click Next

ē.	Add Roles and Features Wizard
Select destinati	ON SERVER DESTINATION SERVER WinServ2012
Before You Begin Installation Type Server Selection Server Roles	Select a server or a virtual hard disk on which to install roles and features. Select a server from the server pool Select a virtual hard disk Server Pool
Features Confirmation Results	Filter:
	WinServ2012 192.168.191.144 Microsoft Windows Server 2012 R2 Datacenter
	1 Computer(s) found This page shows servers that are running Windows Server 2012, and that have been added by using the Add Servers command in Server Manager. Offline servers and newly-added servers from which data collection is still incomplete are not shown.
	< Previous Next > Install Cancel

5. On Server Roles page, click Next

La la	Add Roles and Features Wizard		-	•	x
Select server rol Before You Begin Installation Type Server Selection Server Roles Features Confirmation Results	Add Roles and Features Wizard ES Select one or more roles to install on the selected server. Roles Active Directory Certificate Services Active Directory Certificate Services Active Directory Pederation Services Active Directory Lightweight Directory Services Active Directory Rights Management Services Active Directory Rights Management Services DHCP Server DNS Server Fax Server If File and Storage Services (1 of 12 installed) W Hyper-V (Installed) Network Policy and Access Services Drint and Document Services	Description Active Directory (AD CS) is used certification aui role services th and manage ce variety of appli ■	y Certificate 9 v Certificate 9 to create thorities and at allow you rtificates use cations.	N SERV IService relate to issu d in a	ER 12 is d
	Remote Access Remote Desktop Services	v			
	< Previous	Next > Ins	tall	Cancel	

6. On Features page, Select Windows Server Backup and click Next

L	Add Roles and Features Wizard	_ D X
ESE Select features Before You Begin Installation Type Server Selection Server Roles Features Confirmation Results	Add Roles and Features Wizard Select one or more features to install on the selected server. Features Windows Identity Foundation 3.5 Windows Identity Foundation 3.5 Windows Internal Database Windows Process Activation Service Windows Server Backup Windows Standards-Based Storage Management Windows TIFF IFilter Windows Server Windows Standards-Based Storage Management Wink Dis Server Wink Server Wink Server Wireless LAN Service Wowfed Support (Installed)	Description Windows Server Backup allows you to back up and recover your operating system, applications and data. You can schedule backups, and protect the entire server or specific volumes.
	XPS Viewer v	
	< Previous Next >	Install

7. Confirm the settings and click **Install**



8. Once finished go to Server Manager, click Tools and open Windows Server Backup



9. Under Actions choose Backup Schedule

]	
	Actions
	Local Backup
	🛬 Backup Schedule
r one time backup	Backup Once
rone-time backup.	1 Recover
	Configure Performance Sett
	View
	👔 Help
All Declares	
Ан раскиря	
Total backups: 0 copies	
Latest copy: -	

10. On Getting Started page, click Next

Ło	Backup Schedule Wizard
Getting Sta	rted
Getting Started Select Backup Configurat Specify Backup Time Specify Destination Type Confirmation Summary	You can use this wizard to configure backups to run on a regular schedule. To create a backup schedule, you should first decide: • What to back up (Full Server, System State, selected files, folders or volumes) • Where to store the to back up your server • Where to store the backups To continue, click Next.
	< Previous Next > Finish Cancel

11. On Select Backup Configuration page, click on Custom and click Next

20	Backup Schedule Wizard	
Select Back	up Configuration	
Getting Started Select Backup Configurat Select Items for Backup Specify Backup Time Specify Destination Type Confirmation Summary	What type of configuration do you want to schedule? Full server (recommended) I want to back up all my server data, applications and system state. Backup size: 30.70 GB Oustom I want to choose custom volumes, files for backup.	
	< Previous Next > Finish Cancel	

12. On **Select Items for Backup** page, click on **Add Items**. Select the items you wish to backup and click **OK**. Click **Next**

Ło	Backup Schedule Wizard	x
Select Item	s for Backup	
Getting Started Select Backup Configurat	Select the items that you want to back up. Selecting bare metal recovery will provide you with the most options if you need to perform a recovery.	
Select Items for Backup	Name	
Specify Backup Time		
Specify Destination Type		
Confirmation		
Summary		
	Add Items Remove Items	
	Advanced Settings	1
		1
	< Previous Next > Finish Cancel	

Select Items
Specify items to include in the backup by selecting or clearing the associated check boxes. The items that you have included in the current backup are already selected.
Bare metal recovery System state Hyper-V SCCM(Online) System Reserved Local disk (C:) Virtual Disk (V:)
Any virtual machines included in the backup might be temporarily placed into a saved state when the backup runs.
OK Cancel

Fo	Backup Schedule Wizard	x
Select Item	s for Backup	
Getting Started Select Backup Configurat	Select the items that you want to back up. Selecting bare metal recovery will provide you with the most options if you need to perform a recovery.	
Select Items for Backup Specify Backup Time Specify Destination Type Confirmation Summary	Name Host Component SCCM(Online)	
	Add Items Remove Items Advanced Settings]

13. On **Specify Backup Time** page, select the specified time you want the backup to run. Click **Next**

1	Backup Schedule Wizard
Specify Bac	kup Time
Getting Started	How often and when do you want to run backups?
Select Backup Configurat	Once a day
Select Items for Backup	Select time of day: 9:00 PM V
Specify Backup Time	O More than once a day
Specify Destination Type	Click an available time and then click Add to add it to the backup schedule.
Confirmation	Available time: Scheduled time:
Summary	12:00 AM ▲ 12:30 AM ■ 1:30 AM ■ 1:30 AM ▲ 2:00 AM ▲ 2:30 AM ▲ 3:00 AM 3:30 AM ✓ 4:30 AM ✓
	< Previous Next > Finish Cancel

14. On **Specify Destination Type** page, choose where you want to store the backup and click **Next**



15. On the next page, click **Add** to add either the **Destination Volume**, **Disk**, or **Remote Share Folder**

	Add volumes			X
Volume	Disk	Capacity	Free Space	
Virtual Disk (V:)	VMware, VMware Virtual	100.00 GB	77.30 GB	
				_
		OK	Cancel	

16. Verify your settings and click Finish

Po	Backup Schedule Wizard
Confirmatio	n
Modify Scheduled Backu Select Backup Configurat Select Items for Backup Specify Backup Time Specify Destination Type	You are about to create the following backup schedule. Backup times: 9:00 PM Files excluded: None Advanced option: VSS Copy Backup Backup destinations
Keep or Change Backup Confirmation Summary	Name Size Used Space Virtual Disk (V:) 100.00 GB 19.72 GB
	Backup items Name Host Component SCCM(Online)

17. Once your backup has been successfully created, click Close

	Backup Schedule Wizard
Summary	
Modify Scheduled Backu Select Backup Configurat Select Items for Backup Specify Backup Time Specify Destination Type Keep or Change Backup Confirmation Summary	Status: You have successfully modified the backup settings. Your first scheduled backup will happen at 5/18/2015 9:00 PM.
	< Previous Next > Close Cancel

Restore Using Windows Server Backup

1. Open Windows Server Backup and Under Actions choose Backup Schedule

								-		×
						Act	ions			
						Lo	cal Backup			-
						1	Backup Sche	dule		
						10	Backup Onc	e		
r one-time backup.						1	Recover			
							Configure P	erform	ance Se	ett
			 	 	 		View			•
						?	Help			
	лії раскиря									
	Total backups:	0 copies								
	Latest copy:	-								

2. On Getting Started page, choose the location of your backup and click Next



3. On **Select Backup Date** page, choose the **Date** and **Time** of the latest backup to restore. Click **Next**

10	Recovery Wizard	x
Select Back	up Date	
Getting Started Select Backup Date Select Recovery Type Select Items to Recover Specify Recovery Options Confirmation Recovery Progress	Oldest available backup: 5/18/2015 9:00 PM Newest available backups Select the date of a backup to use for recovery. Backups are available for dates shown in bold. Image: Select the date of a backup to use for recovery. Backups are available for dates shown in bold. Image: Select the date of a backup to use for recovery. Backups are available for dates shown in bold. Image: Select the date of a backup to use for recovery. Backups are available for dates shown in bold. Image: Select the date of a backup to use for recovery. Backups are available for dates shown in bold. Image: Select the date of a backup to use for recovery. Backups are available for dates shown in bold. Image: Select the date of a backup to use for recovery. Backups are available for dates shown in bold. Image: Select the date of a backup to use for recovery. Backups are available for dates shown in bold. Image: Select the date of a backup to use for recovery. Backups are available for dates shown in bold. Image: Select the date of a backup to use for recovery. Backups are available for dates shown in bold. Image: Select the date of a backup to use for recovery. Backups are available to use for recovery. Backup date: Select the date of a backup to use for recovery. Backup to use for reco	
	< Previous Next > Recover Cancel]

4. On Select Recovery Type page, select the type of recovery and click Next



5. On Select Items to Recover page, choose the item(s) you want to recover and click Next

10	Recovery Wiza	rd		x
Select Items	to Recover			
Getting Started Select Backup Date Select Becovery Type	Browse the tree in Available items to find in the tree or under Name to select it for r Available items:	the files or folders that you w ecovery.	ant to recover. Click an item	1
Select Items to Recover Specify Recovery Options Confirmation Recovery Progress	WinServ2012 Wintual Disk (V) DO NOT DELETE!!! O Previous	Name DO NOT DELETE!!	Date Modified 5/28/2015 2:1	

6. On Specify Recovery Options page, choose a Recovery Destination and click Next

10	Recovery Wizard	x
Specify Rec	covery Options	
Getting Started Select Backup Date Select Recovery Type Select Items to Recover Specify Recovery Options	Recovery destination Original location Another location Browse	
Confirmation Recovery Progress	 When this wizard finds items in the backup that are already in the recovery destination Create copies so that you have both versions Overwrite the existing versions with the recovered versions Do not recover the items that already exist on the recovery destination 	
	Security settings	
	< Previous Next > Recover Cancel	

7. Verify the files you are wanting to recover and click **Recover**

10		Recovery Wizard	
Confirmatio	on		
Getting Started	From backup:	5/28/2015 2:15 PM	
Select Backup Date Select Recovery Type Select Items to Recover Specify Recovery Options Confirmation Recovery Progress	V:\DO NOT DELETE!!!		
	Recovery destination: Recovery option: Security settings:	Original location Create copies of recovered files Recover	
		< Previous Next > Recover Cancel	

8. Depending on the size of the file you are recovering, the process can take a few minutes. When it is complete, click **Close**

10	Recovery Wizard	x
Recovery P	rogress	
Getting Started Select Backup Date Select Recovery Type Select Items to Recover Specify Recovery Options Confirmation Recovery Progress	File recovery progress: Status: Completed. Recovery details: Items Item Destination Status: Data transferred V:\D0 NOT V:\ Completed. 0 KB of 0 KB To close the wizard, click Close — the recovery operation will continue to run in the background To view the progress of this operation, open the backup in progress message from the Windows Server Backup console.	
	< Previous Next > Close Cancel]

You will receive a message showing you have successfully recovered your data!

1			
You can perform	a single backup or sche	dule a regular backup using this application.	
A scheduled backup b	as not been configured for this	computer. Use the Backup Schedule Wizard to set up a regular, autom	ated backup to protect your data
	as not been conligated for this	computer, ose the backup schedule wizard to set up a regular, autom	ated backup to protect your data.
essages (Activity from last	week, double click on the me	ssage to see details)	
Time	Message	Description	
5/28/2015 2:27 PM	File recovery	Successful	
5/28/2015 2:21 PM	File recovery	Successful	
E /20 /2015 2.15 DMA			
J 3/28/2013 2:13 PWI	васкир	Successful	
5/26/2015 2:15 PM	васкир	Successful	
D 5/26/2015 2:15 PM	васкир	Successful	
2/20/2015 2:15 PW	васкир	Successful	
2/20/2015 2:15 PW	Баскир	Successful	
5/20/2013 2:13 PM	Баскир	Successful	
5/20/2013 2:13 PM	Баскир	Successful	
atus	Баскир	Successful	
ntus Ist Backup	Баскир	Next Backup	
ntus atus: 🕐 Successful	Баскир	Next Backup Status: Not scheduled	
tus st Backup atus: ② Successful me: 5/28/2015 2:15 FW	м	Next Backup Status: Not scheduled Time: -	
tus st Backup atus: ② Successful me: 5/28/2015 2:15 P	М	Next Backup Status: Not scheduled Time: -	
tus st Backup stus: Successful me: 5/28/2015 2:15 P	М	Next Backup Status: Not scheduled Time: - View details	