ZConverter Backup & Recovery Operation Guidebook between Nutanix Cluster



ZConverter Cloud

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Contents

1. Backup & Recovery architecture between Nutanix Cluster

- 2. Backup guide(Linux)
- **3. Backup guide(Windows)**
- 4. Recovery guide(Linux)
- **5.** Recovery guide(Windows)



1. Backup & Recovery Architecture between Nutanix Cluster



ZConverter Backup & Recovery Phases(Cluster to Cluster)



Start backup job by ZDM (Cluster 1)

Boot using recovery ISO (Cluster 2) 2



Term explanation Source server: Client server for backup 1. ZDM: ZConverter Backup & DR Manager 2. З.

- ZLRM: ZConverter Linux Recovery Manager(Recovery ISO file)
- ZWRM: ZConverter Windows Recovery Manager(Recovery ISO file) 4.



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1) Source Server VM Configuration



2) Web Portal Login



ZConverter Manager web account Email ID: <u>admin@zconverter.com</u>

*ZConverter Backup & DR Manager(ZDM) is configurated in Cluster 1





3) Backup Agent Download

ZConverter Cloud Backup & DR	=				admin@zconverter.com	×
Search Q	Registration				Registration / S	ystem
Monitoring K	Agent	✓ You can downlog	bad the agent file from this li	nk		-
System	₫ Source Agent(Linux)	👌 Target Agent(Linux)	Source Agent(Windows)	Target Agent(Windows)		
◯ ZDM	Source Server list					-
₽ License	CSV Column visibility 🕶			Search		



4) Backup Agent Installation

A. Install using the agent installation file provided by ZConverter Manager. Unzip the agent file with the following command.

- tar zxvf ZConverter_CloudSource_Setup_Linux.tar.gz

- B. Start the agent installation job
- ./zconverter_install_source/install.sh

All files checked Check if the service is already installed. : zconverter	
Current set Install path : /ZConverterAgent	
In which directory do you want to install the ZConverter Agent? [/ZConverterAgent] Setting to mariadb client.	Input the ZDM IP
Enter private ZConverter DR Manager(ZDM) IP address : 192.168.2.20	
1. ZDM management port	[ОК]
Please, Enter your ZConverter email account : admin@zconverter.com	

4) Backup Agent Installation

C. Check the backup agent status

[root@zconverter-source /]# systemctl status zconverter • zconverter.service - ZConverter Cloud Agent Loaded: loaded (/etc/systemd/system/zconverter.service; enabled; vendor preset: disabled) Active: active (running) since Wed 2024-01-31 20:57:12 EST; 29s ago Process: 3361 ExecStart=/etc/init.d/zconverter start (code=exited, status=0/SUCCESS) Main PID: 3431 (ZConLinuxCloudA) CGroup: /system.slice/zconverter.service ___3431 /ZConverterAgent/ZConLinuxCloudAgent

D. Check the installed backup agent on the web screen(Web)

ZConverter Cloud Backup	p & DR	=													ac	min@zconverter	.com 🔀
Search	٩	Management														Manageme	ent / System
Monitoring	<	System															
Registration	۲																
🎎 Management	~	ZDM			Agent type				os								
O ZDM			1 selected	•		All s	selected. (2) 🗘		All selected. (2)		\$;					
System		CSV Column visib	ility *														
O Configuration															Search		
🔎 License																	
		Agent type ↑↓	Hostname	$\uparrow \downarrow$	Agent version	$\uparrow \downarrow$	OS		^↓		• ^	↓ P	rocessor	₩	Memory 🕂	Management	^↓
		𝔄 Source	zconverter-source (192.168.2.13)		v7 build 7023		CentOS Linux release 7.9.2009 (Core	e), 3.	3.10.0-1160.45.1.el7.x86_64	1	92.168.2.13	1			1.80GB	🗑 Delet	te
		10 🜩 View															
														first p	age Previous	1 Next l	ast page

5) Backup Job Registration

E. Register backup job(Web)

ZConverter Cloud Backup	& DR	≡							a	dmin@zconverter.com
Search	٩	Registra	ition							Registration / System
Monitoring	<	Agent								_
Registration	~									
System		A Source	Agent(Linux)	👌 Target Agen	nt(Linux)	Source Agent(Windows)		🖶 Target Agei	nt(Windows)	
○ ZDM										
🎝 Management	<	Source	Server list							-
License		csv	Column visibility +						Search	
			↓ Server name	↔ License type ↔	OS	^↓	Manufacturer 🖴	IP(Public) ↑↓	IP(Private) ↑↓	Agent version 🗠
			zconverter-source (192.168.2.13)	Backup	CentOS Linux release 7.9.2009 (Core), 3.10.0-116	0.45.1.el7.x86_64	VMware, Inc.	192.168.2.13	192.168.2.13	v7 build 7023
		10 🜩	View						first page Previous	1 Next last page
										Next

Converter

** Setup for backup schedule and backup repository.



Repository

×

2. Backup guide(Linux)

Job

			0.5	Backup Type		Full Backu	up						~		Select Rep	ository						
C	kup Job I	Registratio	n & Run												Repository	type	N	etwork(SMB)				~
				Once Dai	ly Weekly	Monthly	Monthly(Sp	ecific month)						10 💠 Vie	2W						
				Date				Tim	e				_		↑ ↓	Repository	^↓	Local path	~↓ A	ccess Point 🗤	Size	^↓
•	Register ba	ckup job(Web)		i 02,	/01/2024			G	11:12 A	AM						zconverter		/ZConverter	z	Converter	0.716B/97.610	GR.
																					0.1100, 51101	
				_							A	Add	Cancel	1					first p	age Previous 1	Next last pa	ge
lob)													Дг	Network a	uthentication						
	alere (Dania)	d) Deservery																				
ва	ckup(Basic) Backup(Advance	d) Recovery											/	_	IP		19	92.168.2.20			✓ Ad	d IP
ſ										$\overline{}$	、 ———		/	_	Access Poin	t	ZC	Converter				
	zconverter-source (192.168.	.2.13)									🛱 Schedu	lule SR	epository ?≣Op	tion								
																					Add	Cancel
	Deselect All	Drive/Partition	Size		Job name	•			Back	kup type			Rotation (cycle	2)								
		/	2.64GB / 16.99GB	zconverter-source	_ROOT			Full back	ıp		~	1		~								
		/boot	0.18GB / 0.99GB	zconverter-source	_boot			Full back	ıp		~	1		~								
			Beelun Summers						×													
			Backup summary											Ne	xt							
			zconverter-source (192.168.2.1	1)					-													
			Backup information	iame	Drive		Repository															
			zconverter-s	ource_ROOT	1	\\192.1	168.2.20\ZConverter(S	SMB)														
			zconverter-	ource_boot	/boot	\\192.1	168.2.20\ZConverter(S	SMB)														
			Backup Schedule																			
			Job name	Type		Start working on Thurs	sday February 01, 202	24.11-12	- 1.													
			zconverter-source_b	oot Full Backup		Start working on Thurs	sday, February 01, 202	24 11:12	- Γ													
			Backup Option																			
			Job name	Compression	Encryption	Network limit	Email	Existing Folde	r													
			zconverter-source_RO01	Enable	Disable	Unlimit	Unselect	Not set														
			zconverter-source_boot	Enable	Disable	Unlimit	Unselect	Not set														
			🗹 Ple	ase check the space of the backup sto	rage. If there is insufficie	ent space in the backup store	age, the backup may	fail.														
								Start Register	Cancel													

Schedule option

7) Backup Job Monitoring

F. Monitoring backup job(Web)

ZConverter Cloud Backup	& DR	=															adm	in@zconverte	er.com 🔀
Search	٩	Moni	itor	ring													Мо	onitoring / M	/onitoring(Job)
Monitoring	~	Bac	ckur	Monitoring	_		_			_							_		_
System	~			0															
Job		ZDM	1			System				A	Action								
O Schedule				1 selected		\$		All selected. (2)	\$			lanagement 👻							
O History		cs	sv	Column visibility -															
O ZDM	۲	1-3	(Tota	(; 3)												Search	h 📃		
Registration	۲																		
🏟 Management	<	U	J	System Name 🗠	J	ob Name 🗠	¥	Drive/Partition 🔸	Backup Type	1	A→ Job Status A→	Start Time ↑↓	End Time		tr Elap	sed Time	₩	Manageme	nt ↑↓
🔑 License			1	∆ zconverter-source (192.168.2.13)	Z	converter-source_boot		/boot	Full		46%	2024-02-01 09:02:35			0 daj	/, 00:00:22		Actio	n •
		0	ו	WIN-VCHFPET7EAE (192.168.0.249)	W	IN-VCHFPET7EAE_C		C:	Full		Scheduled	2024-02-01 04:20:57	2024-02-01	04:44:17	0 da	, 00:23:20		Actio	n •
)	A zconverter-source (192.168.2.13)	Z	converter-source_ROOT		1	Full		Scheduled	2024-02-01 02:18:43	2024-02-01	02:22:21	0 da	/, 00:03:38		Actio	n •
		10	\$	View											first pag	e Previo	us 1	Next	last page



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1) Backup Agent Installation

Install the agent Α.



ZConverter Clo	ud Agent (ZConverter (Cloud Backup & DR a	ge —	
Con	Installing Please wait v	/hile ZConverter Cloud	Agent is being	installed.
Extract: ZCon_S	erviceManager.exe			
Extract: Licens Extract: Option Extract: ZCon0 Extract: ZCon0 Extract: ZCon0 Extract: ZCon1 Extract: ZCon1 Extract: ZCon1 Extract: ZCon1 Extract: ZCon1	e.txt 100% ConfigAgent.zct 100% ackupimage.exe 100% loudAgentManager.exe ileSyncClient.exe 100% lieSyncServerexe 100 Agent_Manager.exe 110 Agent_Manager.exe 110 Agent_Manager.exe 110	. 100% 5 1% 10% 100%		~
nverter Cloud B	ackup ———	< Back	Nevt >	Cancel
		< Back	Next >	Cancel

			Inpu	ut the	e ZD	M IP
💭 ZConverter /	Agent Manager				×	
Connect opti	on					
Connect	192 .	168 .	2.	20		
			Port 53	306		
Run mode	source			~		
Account	admin@zconv	erter.com				
			١	/erify		
Successfu	Illy connected.					
		ОК				

2) Backup Agent Checking

B. Check the installed backup agent on the web screen

ZConverter Cloud Backup & DR	=							adı	min@zconverter.com
Search Q	Management								Management / System
Monitoring <	System								
Registration <									
🗱 Management 🗸 🗸	ZDM		Agent type	os					
O ZDM		1 selected 🗢	All	selected. (2)	All selected. (2)	\$			
😑 System	CSV Column visib	ility -							
O Configuration		_						Search	
🔎 License									
	Agent type ↑↓	Hostname 🕂	Agent version 🗛	os	$\uparrow \downarrow$	IP 🔶	Processor 🙌	Memory 🕂	Management 🗠
	𝔗 Source	zconverter-source (192.168.2.13)	v7 build 7023	CentOS Linux release 7.9.2009 (Core), 3.10.0-1160.45.1.el7.3	86_64	192.168.2.13	1	1.80GB	Telete
	& Source	WIN-VCHFPET7EAE (192.168.0.249)	v7 build 7015	Windows Server 2016 Standard[64bit]		218.145.120.34	2	4.00GB	Telete
	10 🜩 View								
							first	page Previous	1 Next last page

3) Backup Job Registration

C. Register backup job(Web)

ZConverter Cloud Backup & DR	2	=						admin@zconverter.com 🛛 🔀
Search Q		Registrat	ion					Registration / System
🖵 Monitoring 🔹 🗸		Agent						_
Registration 🗸		Agent						
System		👌 Source A	gent(Linux)	👌 Target Agent	t(Linux) Source Agent(Windows)		🗮 Target Agent	t(Windows)
O ZDM								
🏟 Management 🔹 🕻		Source S	Server list					-
🔎 License	I	csv c	Column visibility +					Search
		□ ♠	Server name 🐟	License type 🛛 🛧	0S 🙌	Manufacturer 🖘	IP(Public) 🖘	IP(Private) 🖘 Agent version 🖘
			zconverter-source (192.168.2.13)	Backup	CentOS Linux release 7.9.2009 (Core), 3.10.0-1160.45.1.el7.x86_64	VMware, Inc.	192.168.2.13	192.168.2.13 v7 build 7023
			WIN-VCHFPET7EAE (192.168.0.249)	Backup	Windows Server 2016 Standard[64bit]	VMware, Inc.	218.145.120.34	192.168.0.249 v7 build 7015
		10 🗢 V	iew					
	I						f	irst page Previous 1 Next last page
								Next

Converter

** Setup for backup schedule and backup repository.



4)	Backup	Job	Registration	&	Run
----	--------	-----	--------------	---	-----

Register back	up job(Web)		Date 02/01/2024	Time Ill:12 AM
b				
Backup(Basic) Backup(Advar	rced) Recovery			
WIN-VCHFPET7EAE (192.)	168.0.249)			
Deselect All	Drive/Partition	Size	Job name	Backup type

Drive

C:

Туре

Full Backup

Encryption

Disable

Please check the space of the backup storage. If there is insufficient space in the backup storage, the backup may fail.

Compression

Enable

WIN-VCHFPET7EAE (192.168.0.249) Backup information

Backup Schedule

Backup Option Job name

Job name

WIN-VCHFPET7EAE_C

Job name

WIN-VCHFPET7EAE_C

WIN-VCHFPET7EAE_C

Schedule option

Full Backup

Repository \\192.168.2.20\ZConverter(SMB)

Schedule

Start working at 13:16 every day

Email

Unselect

Network limit

Unlimit

Existing Folder

Not set

Start Register

Once Daily Weekly Monthly Monthly(Specific month)

Backup Type

×	Repository			×
	Select Repository			
`	Repository type	Network(SMB)		~
	10 🗢 View			
	↑ ↓ Repository	∿↓ Local path	Access Point ↔	Size 🔸
	Z zconverter	/ZConverter	ZConverter	0.71GB / 97.61GB
			first page Previous 1	Next last page
Add Cancel	Network sutherstication			
/	Network authentication			
/	IP	192.168.2.20		✓ Add IP
	Access Point	ZConverter		
Schedule Repository EOption				
				Add Cancel
Rotation (cycle)				
¥ 1	*			
	Next			

5) Backup Job Monitoring

E. Monitoring backup job(Web)

ZConverter Cloud Backup & DR	=				admin@zconverter.com
Search Q	Monitoring				Monitoring / Monitoring(Job)
Monitoring V	Backup Monitoring				-
System 🗸					
Job	ZDM	System		Action	
O Schedule	1 selected	♦ All s	selected. (2) 🗢	Management 🔻	
O History	CSV Column visibility -				
O ZDM K	1 - 1 (Total : 1) (Result from : 3)				Search VC
Registration <					
🏟 Management 🛛 🔾	System Name	★↓ Job Name ★↓ Drive	e/Partition 🚸 Backup Type	A→ Job Status A→ Start Time A→ E	End Time 🔸 Elapsed Time 🛧 Management 🛧
🔎 License	WIN-VCHFPET7EAE (192.168.0.249)	WIN-VCHFPET7EAE_C C:	Full	Scheduled 2024-02-01 04:20:57 2	2024-02-01 04:44:17 0 day, 00:23:20 Action -
	10 🗢 View				first page Previous 1 Next last page



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1) Dummy VM Boot via Recovery ISO

A. Boot the ZConverter Linux Recovery Manager(ZLRM) in Nutanix Cluster 2

Na cluster_test VM	🗆 💩 🖉 Cluster 1	Q, ? ∨ ✿ admin v	Na Unnamed VM · 🗢 🔺 🕑 Cluster 2 . admin ~ ^
Overview · Table		+ Create VM Network Config	Overview · Table + Create VM Network Config
VM	Include Controller VMs · 📀 1 VM (filter	red from 16) 🧿 · 🌣 - · Source ×	VM □ Include Controller VMs · ③ 1 VM (filtered from 3) ③ · ♀ · recovery_VM
^ VM Name Host IP Address	Corea Memory Character Storage Usage Usage Usage 1005	Controller IO Controller IO Controller Avg IO Bac Flash IOPS Bandwidth Latency	VM Name Host Host Host Host Host Host Host Host
NTNX- • Source_Nuta fd57e139 192 -A/AHV	1.73 GIB 0. 19. 1 2 GIB / 26 34 6 - GIB % %	Yes Yes	NTNX- 954.38 MiB / 0. 21. * ZConverter b9b7a82 192 2 4 GiB 61 15 - - - Yes 7-A/AHV MiB % % % % % %
			Recovery VM in Cluster 2
VM SUMMARY	Performance Summary	All VM Tasks	
Total VMs 16 VM State Powered On 13 Powered Off 3 Suspended 0	Cluster-wide CPU Usage	Peak: 25.8% Current: 17.71% of 24 GHz	Summary ZConverter_recovery_VM Manage Guest Tools -2 Launch Console Power Off Actions Take Snapshot Migrate Clone ✓ Update > VM DETAILS /M Performance Virtual Disks VM NICs VM Snapshots VM Tasks I/O Metrics Co
Total Provisioned vCPU 40 Total Reserved CPU 0 Hz Total Provisioned Memory 68 GiB	Cluster-wide Memory Usage	Peak: 89.16% Current: 89.16% of 62.59 GiB	Name • ZConverter_recovery_VM Description Peak: 1.58% Current

2) Launching the Recovery ISO UI

B. ZConverter Linux Recovery Manager main screen







3) Connecting between ZDM and ZLRM (Recovery ISO UI)

A. Network connection(connect to backup repository)

Network Man.	ager					
NIC	ens192			*		
		NIC				Active Status
📀 ens192						yes
Remote Repository SMB/CIFS - Enter the account to connect	e network p repository.	ath a	ind			
Remote Address	//19	92.16	8.2.20/zconv	erter		
Account	zco	nvert	er			
Password		••••	•••••			
Mount Point		/	zconverter			Search
Optionsec 👻	vers 👻		🛟 Conne	ct Rem	ote Rep	oository
List of connected R	emote Repo	sitor	ies		_	
File Syst	em		Mount Poir	nt		Disconnect
//192.168.2.20/2	converter	/zcon	verter			
					3	Refresh
C Ping Test			🚫 cl	ose		

B. Disk partitioning(Using ZPT utility)



4) Disk Partitioning for the target VM

B. Disk partitioning(Using ZPT utility)

uuons			
Device	File System	Mount Point	Size
File			pen)
k			
Current Device	S	ze	From
v/sda	20.00 GiB		

** Partition information gathering from the source server.

Device	File System	Mount P	oint Size	
/dev/sdal	xfs	/boot	1.00 GiB	
/dev/sda2	LVM2_member	-	19.00 GiB	
/dev/sdb1	xfs	-	5.00 GiB	
/dev/mapper/centos	xfs	1	17.00 GiB	
/dev/mapper/centos	swap	-	2.00 GiB	
File [verter/zconverter-sou	rce (192.168.2.1	3).zpt Open	
File Disk	verter/zconverter-sou	rce (192.168.2.1	3).zpt Open	
File [Disk Current Device /dev/sda	verter/zconverter-sou 20.00 GiB	rce (192.168.2.1 Size	3).zpt] Open From /dev/sda	

** If the partitioning job has been done, click the 'Close'





5) Backup Image loading

Recovery job Α.



Select Backup File to	Recover		
Summary	∫Search Repository——		
ecovery Information	Search Default Direct	ory [/zconverter]	Search
imber of Total : 0	Search Another Direct	ory	
	Repo Path		Search
	List of backup files		
	Recovery Point	Backup Filename	Туре
	Information of selected	backup file	
	Information of selected Category	oackup file Information	
	Information of selected Category & Backup Type	backup file Information	
	Information of selected Category Packup Type Last Backup Time	backup file Information	
	Information of selected Category Backup Type Last Backup Time Device	backup file Information	
	Information of selected Category Backup Type Cast Backup Time Device Compression Le File Size	backup file Information	
	Information of selected Category Backup Type Cast Backup Time Compression Le File Size Composition Le	backup file Information	

< Open Look In: 🤞

< Open				
Look In:	👔 zconverter	- 🎱 🌰		
Folder <u>n</u> am	ie: /zconverter			
Files of <u>T</u> yp	e: All Files		*	
		×	Open Cancel	
/				
		Select Backup File to	Recover	
		Summary	Search Repository—	
		Recovery Information	Search Default Di	acten (frequestor)
			Search Derault Di	ectory [/zconverter]
		Number of lotal: 2	Search Another Di	rectory
		 File Info 	Repo Path /zconv	erter Search
		2024 02 01 02:18:43	List of backup files	
			Recovery Poir	t Backup Filename Type
			2024.02.01 0.	zconverter-source ROOT [2 Full Ba
		< 1. File Info	2024.02.01 0.	zconverter-source_boot_[2 Full Ba
		 zconverter-source_boo 2024.02.01 02:18:43 		
			Information of select	ed backup file
			Category	Information
			൙ Backup Type	Full Backup
			🕑 Last Backup Time	2024.02.01 02:18:43
			Device	-
			Compression Le	Normai
				CentOS Linux release 7.9.2009 (Core)
			Comments	/boot;/dev/sda1;xfs
				· · · · · · · · · · · · · · · · · · ·
				Prev Next Cancel



6) Recovery partition mapping and job run

A. Recovery job



END disable selinux (RedHat/CentOS) reconfiguring file system table 0 chrooting grub install update grub config 0 rebuild driver set 8f45b8d3802c0154.img ٥isk WARNING: Failed to connect to lymetad. Falling back to device 🔍 Run Program. nager scanning. WARNING: Failed to connect to lymetad. Falling back to device Settings . work scanning. Accessories ▶ iager done umount rest 📑 File Manager umount /disk/centos-root/dev /dev Internet ▶ У umount /disk/centos-root/sys /sys System umount /disk/centos-root/proc /proc . umount /disk/centos-root/run /run Terminal Emulator umount /disk/centos-root/boot /dev/sda1 END PROCESS + About Xfce 🕒 Log Out Done 💥 💷 Z ZCon

** Needs disk mapping

** Recovery is completed then just reboot



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1) Boot via Recovery ISO

A. ZConverter Windows Recovery Manager(ZWRM) main screen in Nutanix Cluster 2

Converter



** If need to change the language

2) Connecting between ZDM and ZMM

A. Network connection(connect to backup repository)

Home ZConverter Network Manager Work Disk Management Wetwork Information Management Wetwork Information Adapter Intel(R) 82574L Gigabit Network Connection Management Wetwork Manager Disk Management P Address 192 · 168 · 0 · 129 Network Information Wetwork Manager Disk Manager Intel(R) 82574L Gigabit Network Connection Management Network Disk 255 · 255 · 252 · 0 Network Disk Map drive Wigration Subnet mask 255 · 255 · 252 · 0 Ouse the following IP address Ouse the following IP address Ouse the following IP address Once test on the disk Withing Using Disk Ouse the following IP address Wetmask Connected network drive list. Disconne Ouse the following IP address Ouse the following IP address Wetmask Connected network drive list. Disconne Ouse the following IP address Ouse the following IP address Ouse the following IP address Utility Utility Disconne Ouse the following IP address Ouse the following IP	ZConverter P	Migration Manager(UEFI)	Ethernet Adapter Intel(R) 82574. Gigabit Network Status Name Connected Intel(R) 82574. Gigabit Network	k Connection V 영
IP Setting IP Setting IP Address IP Address <th>Home Home Backup Recovery Kecovery Lisk Manager</th> <th>ZConverter Network Manager You can manage your network settings from "management" Management Network Information Adapter Intel(R) 82574L Gigabit Network Connection</th> <th>IP Address Setting</th> <th>Network Drive Mapping Enter a network path and select a drive letter to map the drive Method Basic Connection (WORKGROUP) Network path \\192.168.2.20\zconverter Account name zonverter Password Drive letter Z: Map drive</th>	Home Home Backup Recovery Kecovery Lisk Manager	ZConverter Network Manager You can manage your network settings from "management" Management Network Information Adapter Intel(R) 82574L Gigabit Network Connection	IP Address Setting	Network Drive Mapping Enter a network path and select a drive letter to map the drive Method Basic Connection (WORKGROUP) Network path \\192.168.2.20\zconverter Account name zonverter Password Drive letter Z: Map drive
Арру	Network Manager	IP Setting IP Address 192 . 168 . 0 . 129 Subnet mask 255 . 255 . 252 . 0 Gateway 192 . 168 . 0 . 1	Use the following IP address IP Address Netmask Gateway Apply	Connected network drive list. Drive Path 2: \\192.168.2.20\pconv Refresh

3) Disk Partitioning

B. Disk partitioning



 ✓ You should know in advance that disk boot options are divided into MBR and GPT.



4) Backup Image loading

C. Recovery job



Summary	Select backup file to recov	er	
Recover information	O Auto Search (Default :	ZConverter folder)	🔮 Find
	Manual Search (Specific	: folder)	
Backup file(s) to recover: Total 1	Path Z:		📛 Browse
 Recovery information 	Backup files(s) to recover		
WIN-VCHFPET7EAE_C.ZIA	Recovery Time-point	Backup Name	Backup Type
 2024-02-01 13:21:01 Diek 0. Partition 4 	2024-02-01 02:18:4	43 zconverter-source ROOT [2024-0)2-0 ⁻ Full Backup
- Disk 0, Faltition 4	2024-02-01 09:02:	35 zconverter-source boot [2024-02-	01 Full Backup
	2024-02-01 13:21:0)1 WIN-VCHFPET7EAE C.ZIA	Full Backup
	Category	Information	
	൙ Task Type	Full backup	
	🕑 Time	2024-02-01 13:21:01	R
	Sackup Drive	C Drive (Disk 0 Partition 4)	0
	隊 Compression Level	Normal	
	🎐 Image Size	6.308 GB	
	灯 Operating System	Windows Server 2016 Standard[64	4bit];WIN-VCHFPET

** Click the backup image(.ZIA file)



5) Partition mapping and Recovery job run

C. Recovery job



** Select a recovery partition ex) C:₩ to C:₩ (Disk 0 Partition 2)

6) Recovery job monitoring

C. Recovery job

Recovery	Status					
asks						
Backup Name	Recovery Time	Recovery Partiti	Status	Elapse	Start Time	Complete
WIN-VCHFPE1	2024-02-01 13:21:	Disk 0 Partition 2	37%	00:00:54	2024.02.01 08:33	
ackup file informatio	n					
Category			Details			
൙ Task Type	Full backup					
🕑 Time	2024-02-01	13:21:01				
Backup Drive	C Drive (Dis	< 0 Partition 4)				
Compression L	evel Normal					
V Image Size	6.308 GB	2010 0		(100 100 0	240	
Vperating System	em vvindows Se	erver 2016 Standard[64	HDITJ; VVIIN-VCHEPET /EAE	: (192.168.0.	249)	
F	Recoverv	iob is cor	nnlete just	reho	ot 👩	OK
	(CCOVCI y	100 15 001	ipiece, just	1000		UK



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