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Title:	TB How To Restore HikCentral Server 121219NA	Version:	v1.0	Date:	12/12/2019
Product:	HikCentral-VSS-Base/HW			Page:	1 of 10
Action Required:	Information Only				

This guide will instruct you on how to restore a HikCentral server and its Windows Server Operating System in case your original files are corrupted and will not boot. There are a total of nine major steps, and the procedure is similar to a desktop/laptop computer restoration process.

Before starting, make sure that you have your HikCentral configuration backed up and stored in a remote location. We can use the backup configuration to restore the settings so you don't have to start all over again. You should regularly back up your HikCentral configuration.

Please save a copy of your HikCentral Activation Code (Product Key). If you do not keep a record, contact <u>productteam.usa@hikvision.com</u> with your server's MAC address.

- 1. Download the Windows image file.
 - For a Dell R230 PowerEdge server, click the following address to download Windows Server 2012:

https://www.microsoft.com/en-us/evalcenter/evaluate-windows-server-2012-r2

- Download the ISO version.

Ξ	Wind Evalua	dows Server 2012 R2 ntions 180 days
	Θ	Start your evaluation
		Please select your evaluation file type:
		O Azure
		Virtual Lab
		VHD
		Continue

• For a Dell R240, click the following address to download Windows Server 2016:

https://www.microsoft.com/en-us/evalcenter/evaluate-windows-server-2016

- Download the ISO version.



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Θ	Windows Server 2016 Evaluations 180 days
	Start your evaluation
	Please select your evaluation file type:
	O Azure
	ISO
	Virtual Lab
	Continue

- You will be asked for information before being presented with the download prompt.
- 2. Create a bootable USB drive.
 - A. Download the ISO to USB tool by clicking the following address:

http://www.softsea.com/download/ISO-to-USB.html

- B. Launch the tool.
- C. Browse the Windows server ISO file.
- D. Assign a USB drive that is at least 16 GB.
 - **WARNING:** All files on the USB drive will be overwritten.
- E. Check the "Bootable" checkbox.
- F. Click the "Burn" button.



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ISO to USB	×
ISO File	
d:\Users\timmy.tsai\Des	sktop\iso\9600.16384.V Browse
USB Drive	
Drive (WARNING: Bur	ning will erase ALL data on USB)
E: [15.12 GB]	✓ Refresh
USB disk capacity mu	ist be larger than iso file.
File System	Volume Label (max 11 chars)
FAT32 V	IRM_SSSO_X6
For bootable, only support For bootable, USB dis Do not use it on USB dis If create failed and US	orts Windows bootable ISO image. k should have only one partition. disk which has multiple partitions. SB be unusable: <u>recovery quide.</u>
Status	
Reading I	SO info is complete.
Freeware, use at your ow www.isotousb.com	n risk. USB disk will be formatted. Burn Close

- 3. Boot from the USB drive.
 - A. Insert the USB drive into the USB port on the back of the server.
 - B. Power up the server.
 - C. Press F11 to enter the Boot Manager.



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- D. Highlight "[Hard drive] Disk connected to back USB1:"
- E. Press the "Finish" button to continue. Server will reboot and enter the Windows installation.

W Boot Manager	Help	About Exit
Boot Manager		
oot Menu		
elect Legacy Boot Option		
[Hard drive] RAID Controller in Slot 1: PERC H330 Adapter(bus 02 dev 00)		
* [Hard drive] Disk connected to back USB 1: DS-UUSB-M100B16G		
* Embedded NIC 1 Port 1 Partition 1: BRCM MBA Slot 0300 v20.2.0		
ikvision Management Server		et tot
ervice Tad + HKQ7C 12		Finish

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- 4. Install the Windows Server.
 - **NOTE:** The Windows Server installation process is no different from Windows 10, etc. There are a few processes that need to be noted.
 - A. Click on "Custom: Install Windows only (advanced)."

	Windows Setup Which type of installation do you want?	
	Upgrade: Install Windows and keep files, settings, and applications The files, settings, and applications are moved to Windows with this option. This option is only available when a supported version of Windows is already running on the computer.	
	Custom: Install Windows only (advanced) The files, settings, and applications aren't moved to Windows with this option. If you want to make changes to partitions and drives, start the computer using the installation disc. We recommend backing up your files before you continue.	
	Help me decide	
_		

- B. Highlight the second option, "Windows Server 2012 R2 Standard Evaluation (server with a GUI)."
- C. Click the "Next" button.



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- D. Highlight "OS" partition (unless you would like to change to a different partition).
- E. Click the "Next" button to start the installation. "Installing Windows" will be displayed.

Drive 0 Partition 1: RECOVERY	3.0 GB	2.7 GB	System
Drive 0 Partition 2: 05	228.0 GB	214.5 GB	Primary
f <u>a B</u> efresh ★ Delete	✓ Format	HE New	
Load driver 🔐 Extend			
			Next



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- 5. Activate the Windows Product Key once the installation has finished.
 - A. Right-click the Command Prompt icon on the Apps screen.
 - B. Left-click "Run as administrator" in the pop-up menu.



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C. Input the following command (your Product Key is on a label on top of the HikCentral server).

NOTE: Note that there is a space before each /.

DISM /Online /Set-Edition:ServerStandard /ProductKey:XXXXX-XXXXX-XXXXX-XXXXX-XXXXX/ /AcceptEula" Title



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ion Required:	Information Only					
•						
C:\Users	<u>s\Administrator>DISM</u> _/Online_/Set-Edit	ion:ServerStan	dard /Product	tKey:		
	∕AcceptEula					
Da	t Income Commission and Management to	1				
levsion	: 6 3 9600 17031	1				
VCFS ION.	0.5.7000.11051					
Image Ve	ersion: 6.3.9600.17031					
Starting	y to update components					
Starting	y to install product key					
Finished	i installing product key.					
Removing	y mackage Microsoft-Windows-ServerStar	dardEualEditio	n~31hf3856ad	364e35~am		
d64~~6.	3.9600.16384					
[======	100.0%	==================]			
Finished	l updating components.					
P4					=	
Finished	f to apply edition-specific settings	-				
I TH TOHOU	a approxing careton spectric sectings.					
The oper	nation completed successfully.					
Restart	Windows to complete this operation.					
Do you v	vant to restart the computer now? <y m<="" td=""><td>\diamond</td><td></td><td></td><td>\sim</td><td></td></y>	\diamond			\sim	

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D. Reboot the server after updating the Product Key.

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- 6. Update the device driver.
 - A. Download the Windows 2012 R2 Driver specifically for R230.

https://dl.dell.com/FOLDER03873781M/4/Chipset Driver GKXMM WN64 10.1.2.77 J00 03.EXE

- B. Run the downloaded file on the HikCentral server.
- 7. Install HikCentral server.
 - A. Download and install the version of your HikCentral Professional from the link below.

https://www.hikvision.com/en/support/download/software/

- B. Run the HikCentral installation.
- 8. Upload the license key (Activation Code).
 - If your system crashes unexpectedly, it is most likely you didn't deactivate the license. In this case, send e-mail to <u>productteam.usa@hikvision.com</u> with the HikCentral Activation Code (license key) or your HikCentral server's MAC address.
 - Once you have deactivated the Activation Code (license key) from the license server, input your code here to activate the license.



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C C d http://127.0.0.1/#/home	D + C B Web Flow	- - ×
🔶 HikCentral Professional Web Client	Site Map Hjadmin 🗸	
Configuration This section offers functions used to configure the system.	Physical View Logical View Event & Alarm Access Level	
	Person Online Activation * Activation Code +	
Applications This section offers various applications to help security professionals:	Hot Spare Hot Spare	
	Download Installation Package Control Client(V1.4.2.1)	
		12084

9. Restore the backup settings.

Please refer to below "How To" guide on how to restore your backup configuration:

https://ca.hikvision.com/sites/default/files/how-to/how to migrate hikcentral data 010320na.pdf