How to reinstall SMR2000/5000/4000U/6000H/8000

Application Notes

Version <1.4>



Preface

The process of reinstall SMR has following three methods, please check your situation then to execute the corresponding steps.

- A. Reconstruct the RAID and whole system
 - A.1 Destroy the RAID: Please refer to "1. Destroy RAID"
 - A.2 Run installation wizard: Please refer to "2. Execute installation wizard"
- B. Insert new hard disks to reinstall system
 - B.1 Run installation wizard: Please refer to "2. Execute installation wizard"
- C. Keep the RAID and reinstall the system
 - C.1 Take off the existed hard disks before power on the SMR
 - C.2 Run installation wizard: Please refer to "2. Execute installation wizard"

Note:

- 1. User can't use the hard disks which were configured RAID by other vendor's RAID system.
- If user uses other disks to reinstall the SMR, please ensure those hard disks are non-RAID and unformatted disks.

Scope

Version
2.4.7A10/2.4.8A02
2.4.7A10/2.4.8A02
2.4.7A10/2.4.8A02
2.4.7A10/2.4.8A02
2.4.7A09 only

1 Destroy RAID

- 1.1 Boot up SMR.
- 1.2 Press "Ctrl + I" get into RAID bios.

Note: User will see the RAID bios main view after press "Ctrl + I".

1.3 Select "3. Reset Disks to Non-RAID" then press "Enter".



IW191A	Intel(R) Rapid Sto Copyright(C) 2003-	rage Technology - Opt 11 Intel Corporation.	ion ROM - 10.6.0.1091 All Rights Reserved.	
RA ID	 Create RAID Vo Resetting RAI and revert it WARNING: Resetting a 	lume 4. [RESET RAID DATA D disk will remove it to a non-RAID disk. disk causes all data	Recovery Volume Options RAID structures on the disk to be lost.	le
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	Select ──[↑↓]-Previous/Next	the disks that should [SPACE]-Selects [EN	l be reset. HTER]-Selection Complete	
	[↑↓]-Select	[ESC]-Exit	[ENTER]-Select Menu	

1.4 Click Space on the keyboard to select all hard drives.

	1. Create RAID Resetting I	Volume 4. E RESET RAID DATA	Recovery Volume Options] s RAID structures
A D	and revert NARNING: Resetting (This does no <u>t ap</u>)	it to a non-RAID disk. a disk causes all data bly to Recovery vo <u>lumes</u>	on the disk to be lost. or Cache disks)
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	Selec	t the disks that should	be reset.

1.5 Click Enter then click Y to reset disk to Non-RAID.



Note: User will see "Non RAID Disk" after deleted RAID.

V191A	Intel(R) Rania	Storage Technology	- Antion DAM - 19 6 8 1991
	Copyright(C)	2003-11 Intel Corpora	tion. All Rights Reserved.
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1.6 Click ESC to exit then shut down SMR.

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2 Execute installation wizard

- 2.1 If user doesn't destroy the RAID and want to keep the RAID data, please take off the existed hard disks before power on SMR.
- 2.2 Power up SMR and you will see the "System started from DOM" message. ClickOk to go to log in page.



- 2.3 Login VMS.
- 2.4 You will see a popup dialog to ask you to configure video path. Click No.



- 2.5 If the Install Wizard doesn't launch automatically, then click F4 to launch it.
- 2.6 After click **F4**, you will see the installation wizard show up.
- 2.7 In Step 1, insert unformatted hard disk into SMR and click "Next" button. If you

have already inserted the unformatted hard disk, you can directly click "Next" button.

Step 1: Install Wizard Step 2: Storage Manager Step 3: Initialize the System	Step 1: Install Wizard Please insert hard disks due to limited storage space.
Step 4: Display Resolution Step 5: Change Pasaword Step 6: Time Settings Step 7: Network Settings Step 8: Add Cameras	Image: Contract of the case and lease if the reserved space.
	Rend Log

- 2.8 In Step 2, if you RAID system already existed , please ignore this step and directly go for **2.9**
- 2.8.1 Click "Setting".

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2.8.2 Select RAID level.

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2.8.3 Click "Create Logical Drive".

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2.8.4 Click "Ok" to restart SMR.

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3: Initialize	storage Man	ager								×
	Storage L	lsage								
4: Display										
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7: Network	USB	D		94	0	YES	NO	Enable	Normal	24GB
	RAID	E	5	3807126	3750709	YES	LOG,VIDEO	Enable	Normal	
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2.8.5 After restart the SMR, you need to Log into SMR.

Note: System will start initialize when you login.

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2.9 In the step 3, once initialize process is finished. A panel will show to ask you to shutdown SMR. Click "Ok" to shutdown SMR.

Note: User needs to boot up SMR manually.

2.10 In the step 4, you can select desired resolution. If you don't want to change display resolution, just click "Next" button.

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2.11 In the step 5, you can change the administrator password. If you want to keep the old password, please check on the "Use old password"

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2.12 In the step 6, you can setup the time zone. Please ensure the time zone is the same as your region. Otherwise, it will make the system VI and playback function encounter time sync issues. Then click "Next" button.

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2.13 In the step 7, you can configure the network setting. Once the setting is setup, please click "Next" button.

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2.14 In the step 8, please click "Scan for Cameras" to search all the cameras in this network segment.

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2.15 Once cameras are setup, please click "OK" button to close the dialog. Then click "Finish" button to finish the installation wizard.



Appendix

If your SMR version is 2.4.8A02 and you have changed the RAID type before reinstalled, you can login the SMR and press F7 to remove the old storage information and update the storage information to the latest one.

1. After press F7, you will see a confirm dialog.



2. Please press **Yes** button to restart the SMR and after restarting, the storage configuration will be up to date.

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?	NVR Server must rest effect. Restart now?	art before settings wil	l take
	Yes	No	