

How to enable AV-media mode

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White Paper# **QWP200921-F200C**



Introduction

This article provides a quick setting about enabling “**AV-media mode**” of VD (Virtual Disk) in **F200C**. Enable “**AV-media mode**” can improve stability test of AJA video system tool.

Contents

Part 1: Enable when creating

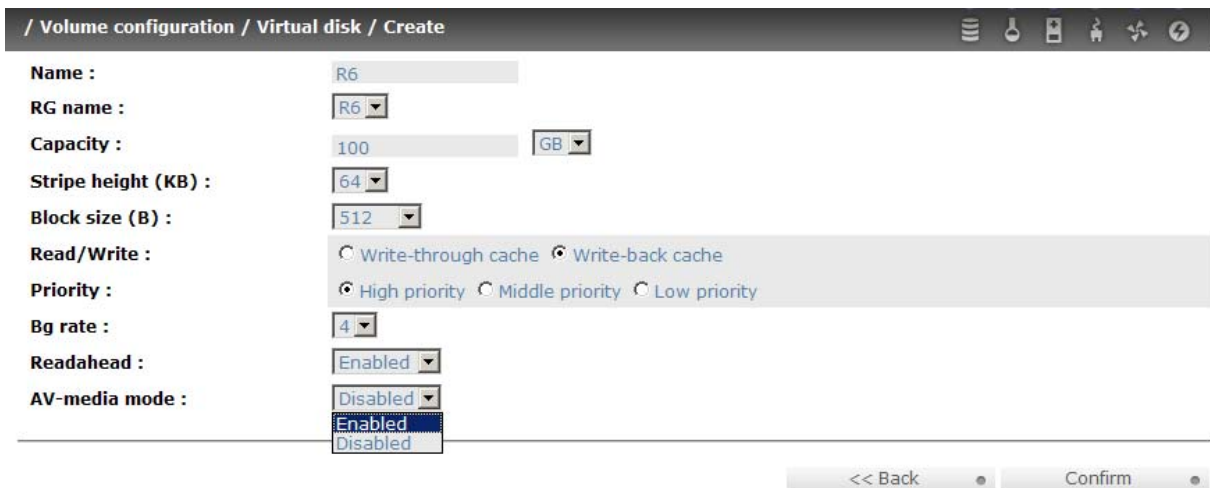
1. Create a RAID group (RG) in advance.



The screenshot shows the 'Volume configuration / RAID group' page. It features a table with columns: No., Name, Total (GB), Free (GB), #PD, #VD, Status, Health, RAID, and Enclosure. A single RAID group is listed with Name 'R6', Total '3725', Free '3625', #PD '4', #VD '1', Status 'Online', Health 'Good', RAID 'RAID 6', and Enclosure 'Local'. A 'Create' button is visible at the bottom right.

No.	Name	Total (GB)	Free (GB)	#PD	#VD	Status	Health	RAID	Enclosure
1	R6	3725	3625	4	1	Online	Good	RAID 6	Local

2. Enable “**AV-media mode**” when creating a virtual disk (VD), and then click “**Confirm**” button.



The screenshot shows the 'Volume configuration / Virtual disk / Create' page. It contains various configuration fields: Name (R6), RG name (R6), Capacity (100 GB), Stripe height (KB) (64), Block size (B) (512), Read/Write (Write-back cache selected), Priority (High priority selected), Bg rate (4), Readahead (Enabled), and AV-media mode (Enabled). A 'Confirm' button is at the bottom right.

3. Move mouse to the grey button next to VD name and click “**More information**”.

/ Volume configuration / Virtual disk

No.	Name	Size (GB)	Right	Priority	Bg rate	Status	Health	R %	RAID	#LUN	Snapshot space (GB)	#Snapshot	RG name
1	R6	100	WB	HI	4	Online	Optimal		RAID 6	1	0/0	0	R6

- Extend
- Scrub
- Delete
- Set property
- Attach LUN
- Detach LUN
- List LUN
- Set snapshot space
- Cleanup snapshot
- Take snapshot
- Auto snapshot
- List snapshot
- More information

Create

4. Check status.

Virtual disk :

No.	Name	WWN	Size (MB)	Size (GB)	Right	Priority	Bg rate	Readahead	AV-media mode	Status	Health	%	Stripe height (KB)	RAID	#LUN	Snapshot space (MB)	#Snapshot	Type	RG name	Block size (B)
1	R6	2086001378ac0058	102400	100	WB	HI	4	Enabled	Enabled	Online	Optimal		64	RAID 6	1	0/0	0	RAID	R6	512

Part 2: Enable when using

1. If "AV-media mode" function is not enabled when creating a VD, it can be enabled by clicking "Set property".

/ Volume configuration / Virtual disk

No.	Name	Size (GB)	Right	Priority	Bg rate	Status	Health	R %	RAID	#LUN	Snapshot space (GB)	#Snapshot	RG name
1	R6	100	WB	HI	4	Online	Optimal		RAID 6	1	0/0	0	R6

- Extend
- Scrub
- Delete
- Set property
- Attach LUN
- Detach LUN
- List LUN
- Set snapshot space
- Cleanup snapshot
- Take snapshot
- Auto snapshot
- List snapshot
- More information

Create

2. Enable "AV-media mode", and then click "Confirm" button.

/ Volume configuration / Virtual disk / Set property

Name : R6

Read/Write : Write-through cache Write-back cache Read-only

Priority: High priority Middle priority Low priority

Bg rate : 4

Readahead : Enabled

AV-media mode : Disabled
Enabled
Disabled

<< Back Confirm

Applies to

- **F200C** FW 1.0.5p1 (20090625_1800)
- **S510C** FW 1.0.5p1 (20090625_1800)