How to expand to JBODs for NVR5316

Application Note

Version <1.0>

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[Pre-Procedure]

■ NVR5316's firmware version must be **3.2.0.A02 or later version.**

■ NVR5316 supports up to **2 x 16 bays** or **3 x 12 bays JBOD expansion.**

■ The capacity of one single RAID is **64TB**.

[Notice]

■ For each storage device (NVR5316 local storage and expanded JBOD), users are able to create multiple RAIDs but cannot create just one RAID for different storage devices. For example, it's not possible to simultaneously create one RAID for JBOD1 and NVR5316's local storage or create one RAID for JBOD1 and JBOD2 at the same time.

■ Please start to create the RAID by following sequence: NVR5316 → JBOD1 → JBOD2 → JBOD3
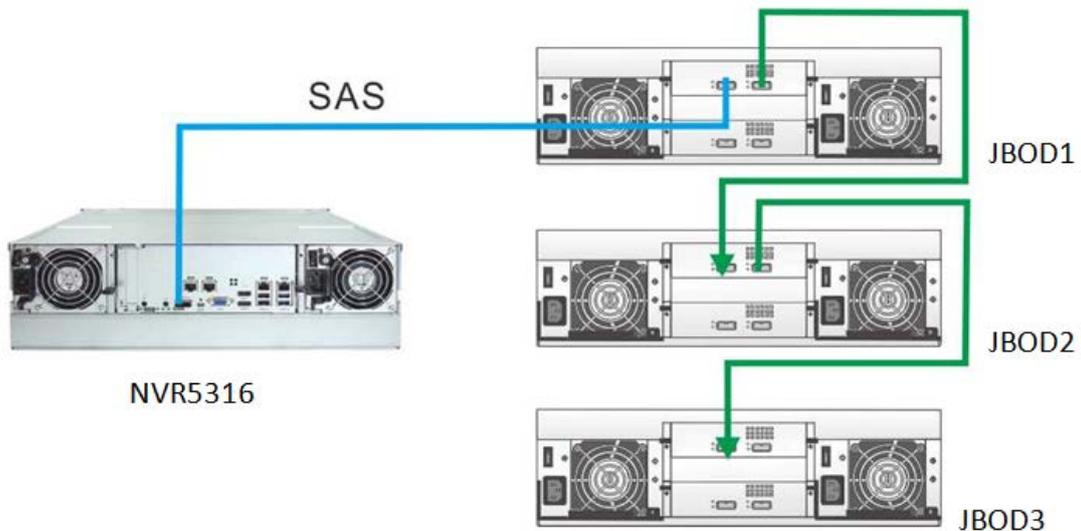
[Expand to JBOD for NVR5316]

1. Setup JBOD ID

■ All JBOD ID shall be switched to the correct position. Please turn the JBOD ID to 1 for 1st JBOD, JBOD ID to 2 for 2nd JBOD, and JBOD ID 3 for 3rd JBOD.

2. SAS port Connection

■ Connect NVR5316 and JBODs as below:
NVR5000 CH1➔JBOD1's IN Port
JBOD1's OUT Port➔ JBOD2's IN Port
JBOD2's OUT Port➔ JBOD3's IN Port
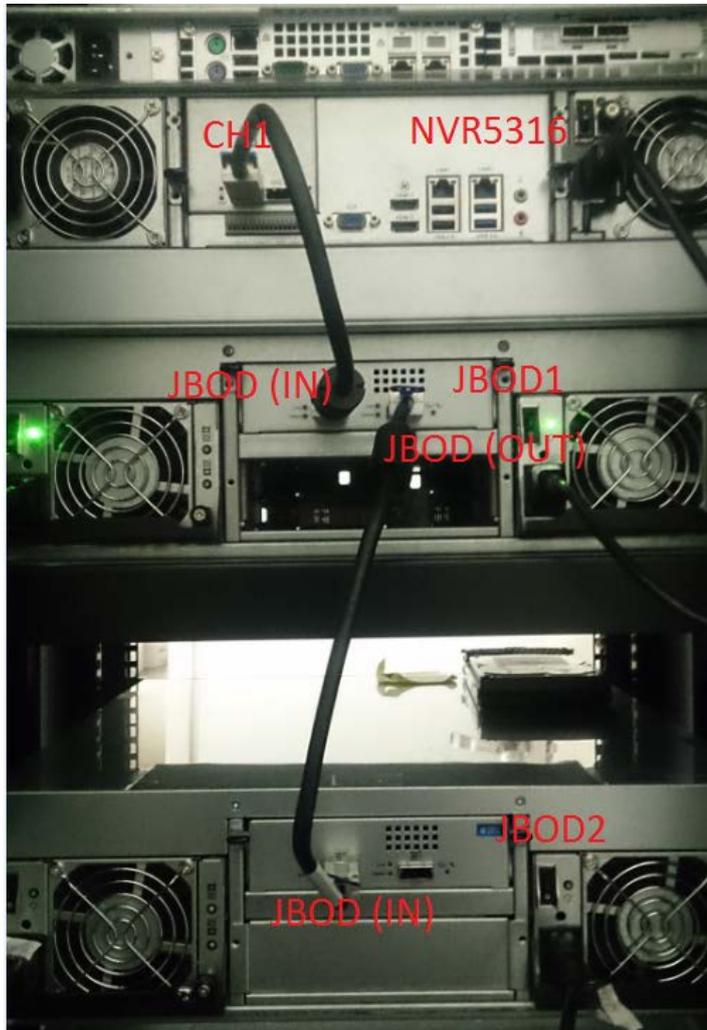
3. Create RAID in JBOD1

- Insert HDDs to JBOD1.
- Press "Setting"➔"Record"➔"Storage".
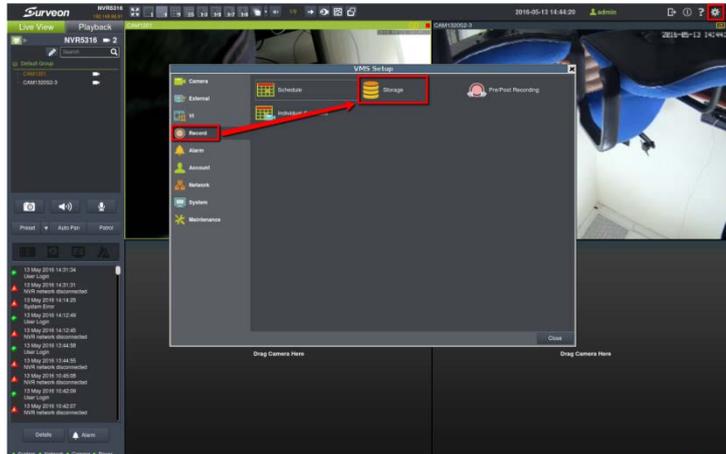
- Press "Setting".
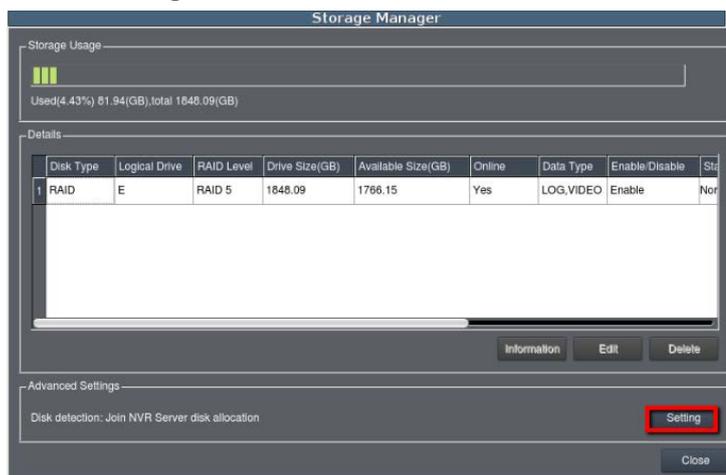
■ Select the "RAID Level" and press "Create Logical Drive".
(In this case, we create RAID5).
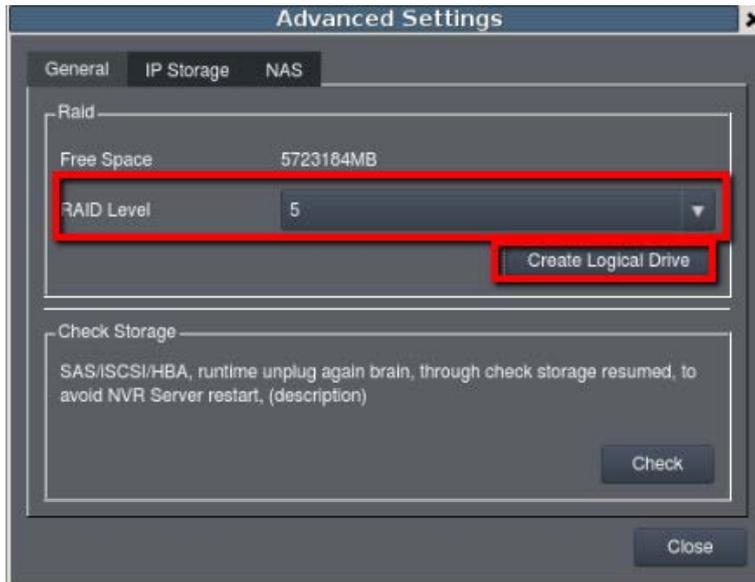
■ System will show below information and please press "Continue".
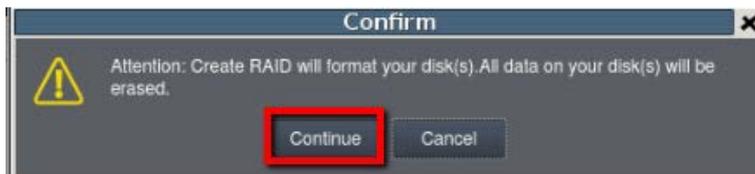
■ Press "Check" when it's finished.
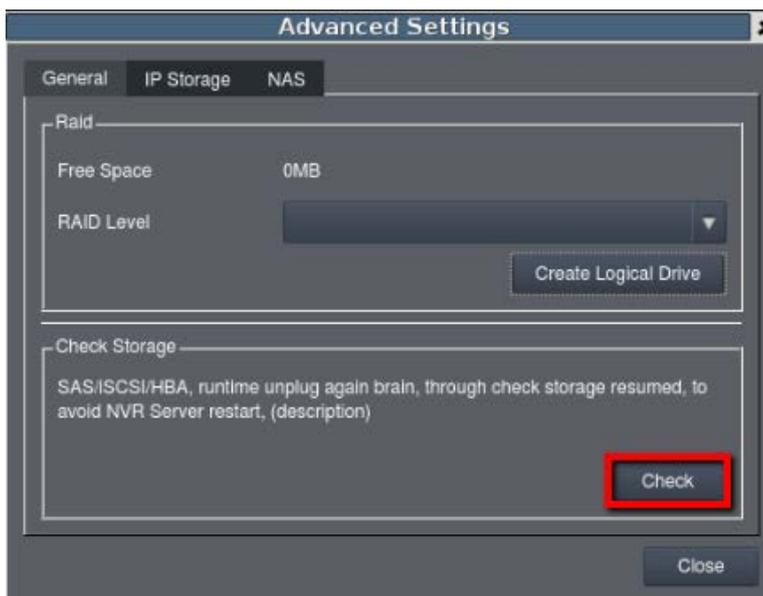
■ After finishing the RAID building, please close the tab and the Storage Manager will show a new RAID.
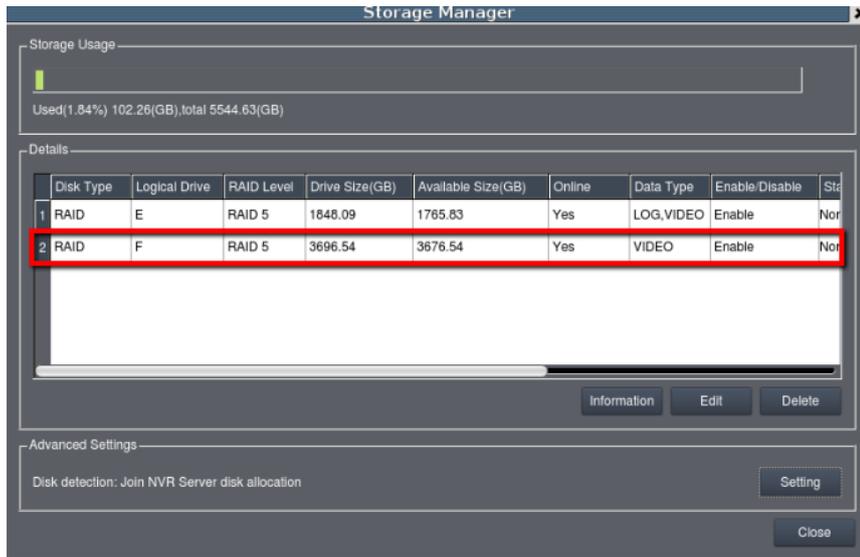
※ If you need to expand to more JBODs, please follow the same procedure as above.