How to expand JBOD for NVR7800

Application Notes

Version <1.0>

Surveon
Complete Megapixel Solutions
Technical Support Team

[Pre-Procedure]

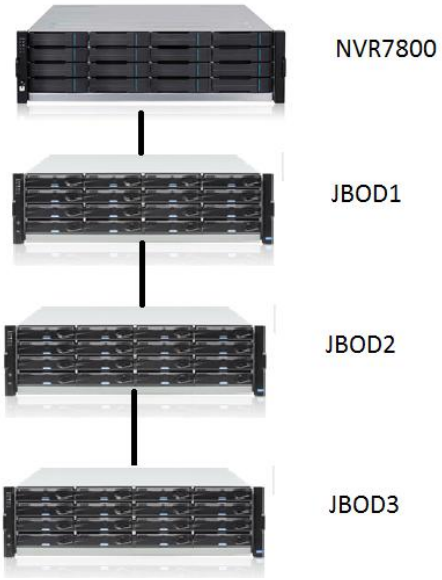
- NVR7800 supports up to 5 x 4U (60 bays) or 14 x 2U/3U(12bay/16bay) JBOD expansion.

[Notice]

- For each storage device (NVR7800 local storage and each JBODs), users can create multiple RAIDs, but do not create one RAID from cross-different storage devices, e.g. do not create one RAID cross JBOD1 and NVR7816's local storage, or do not create one RAID cross JBOD1 and JBOD2.

- When create the RAID, please start from the beginning of link.
  In this case, the sequence for creating RAID should be NVR7800 → JBOD1 → JBOD2 → JBOD3.

- When power on the devices, please boot up from the end point, e.g. JBOD3 → JBOD2 → JBOD1 → NVR7800.



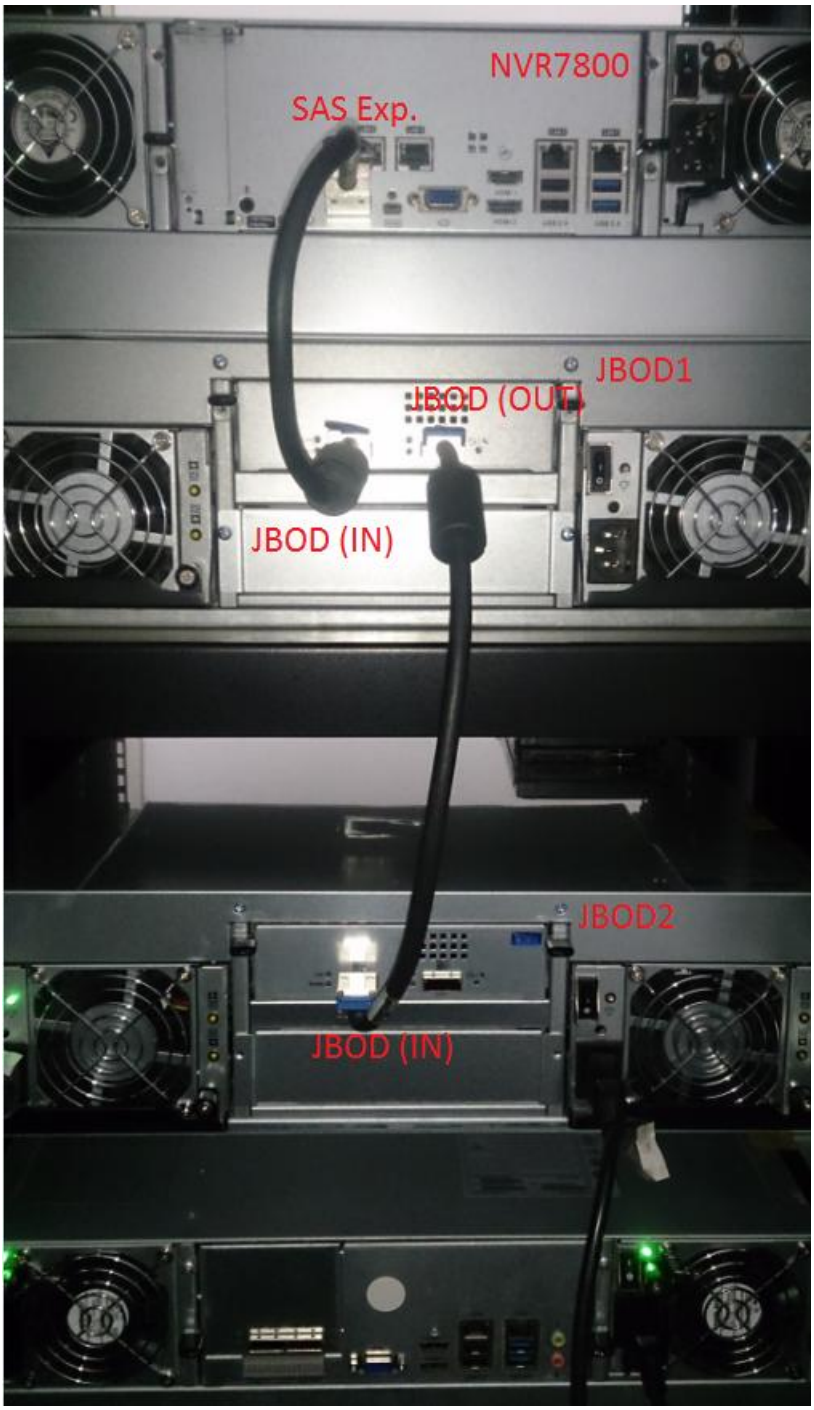
[Expand JBOD for NVR7800]

1. Setup JBOD ID

- Please switch JBOD ID for each JBOD, in this case we connect three JBOD, so our ID are 1 to 3.
  (Setup JBOD to different ID to identify system).
  In this case we recommend you can setup
  JBOD 1, ID =1.
  JBOD 2, ID =2.
  JBOD 3, ID =3.

2. Connection SAS port

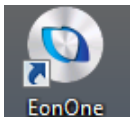
- Please connecting as below:
  NVR7800 SAS Exp.➔JBOD1's IN Port
  JBOD1's OUT Port➔ JBOD2's IN Port
  JBOD2's OUT Port➔ JBOD3's IN Port



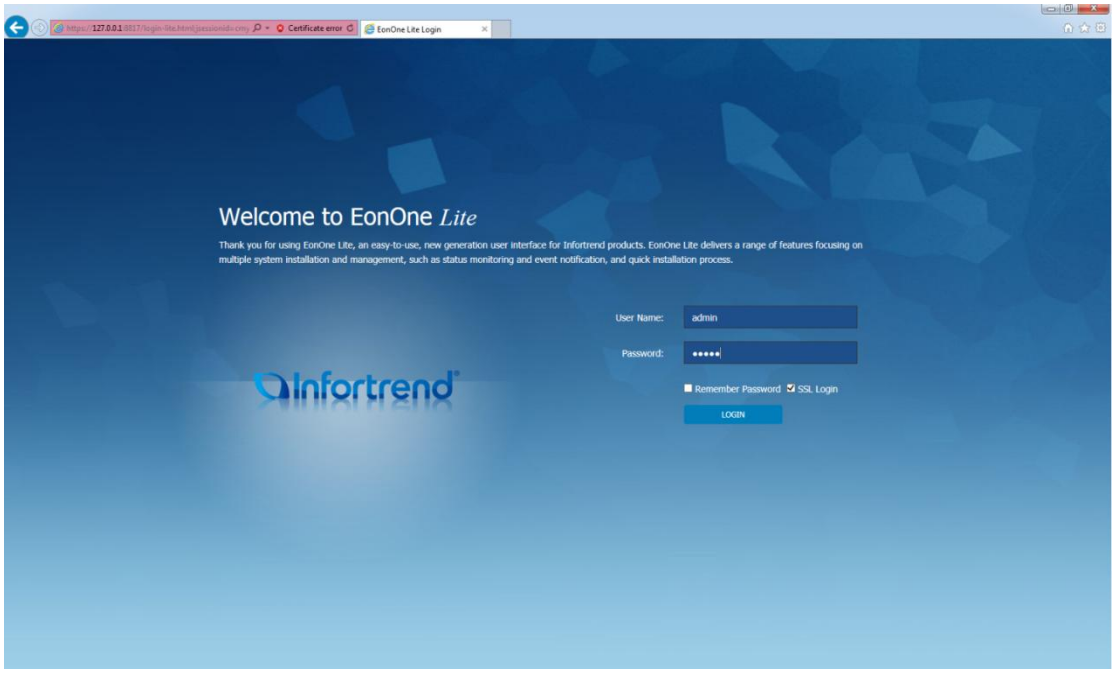
3. Create RAID in NVR7800 Local

- Please insert HDDs to NVR7800.

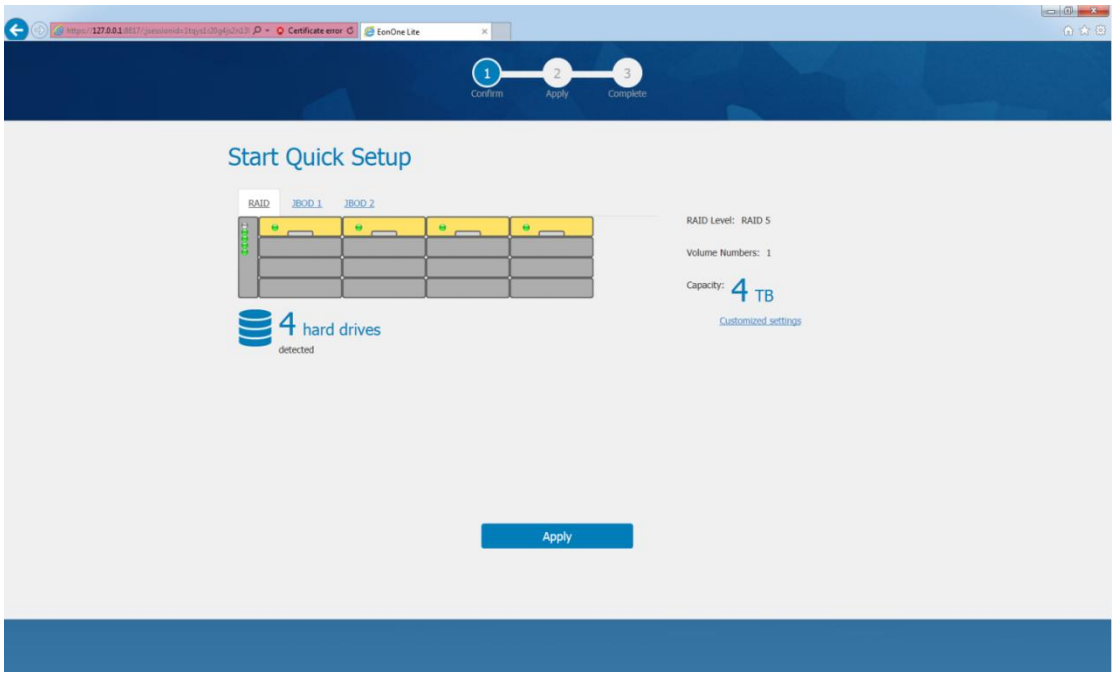
- After about 2.5 minutes, press “EonOne”.



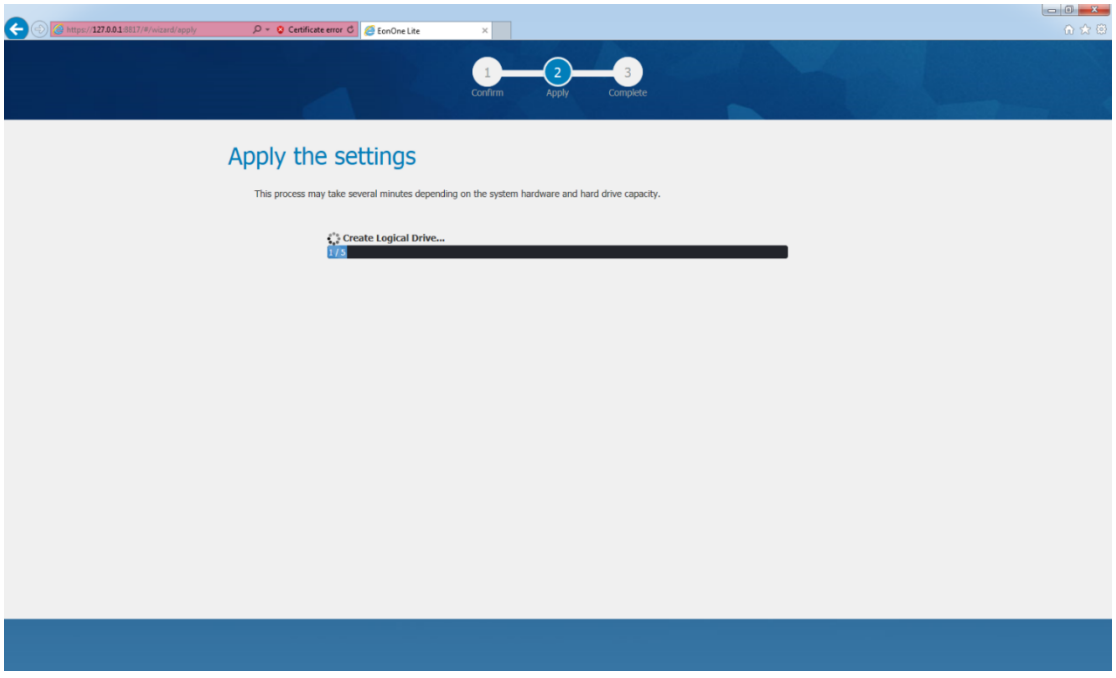
- Enter (admin / admin) to login EonOne.



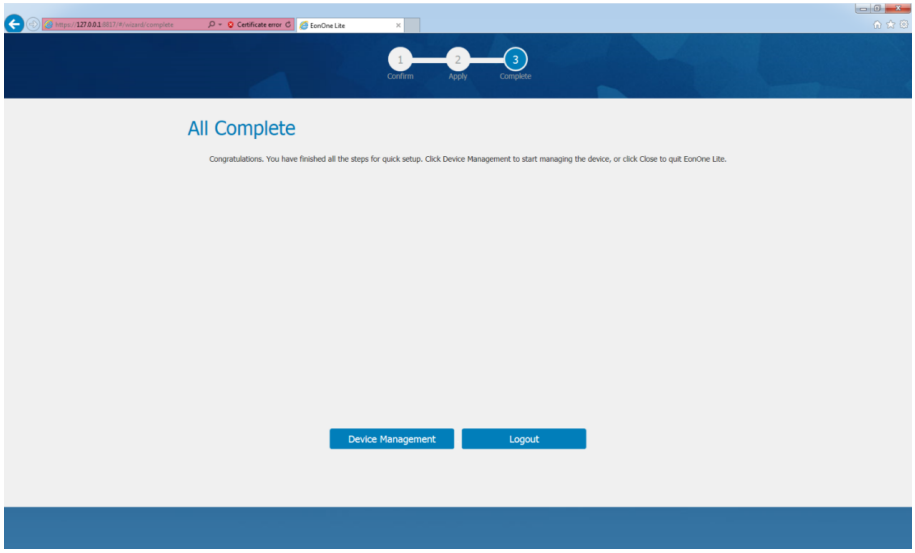
- You can see HDD has online, you can press “Customized settings” to select your RAID Level, and press “Apply” to create RAID.



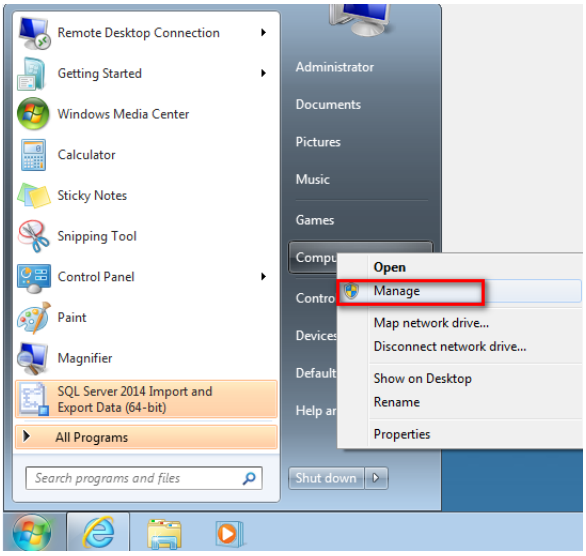
- Please wait for a while.



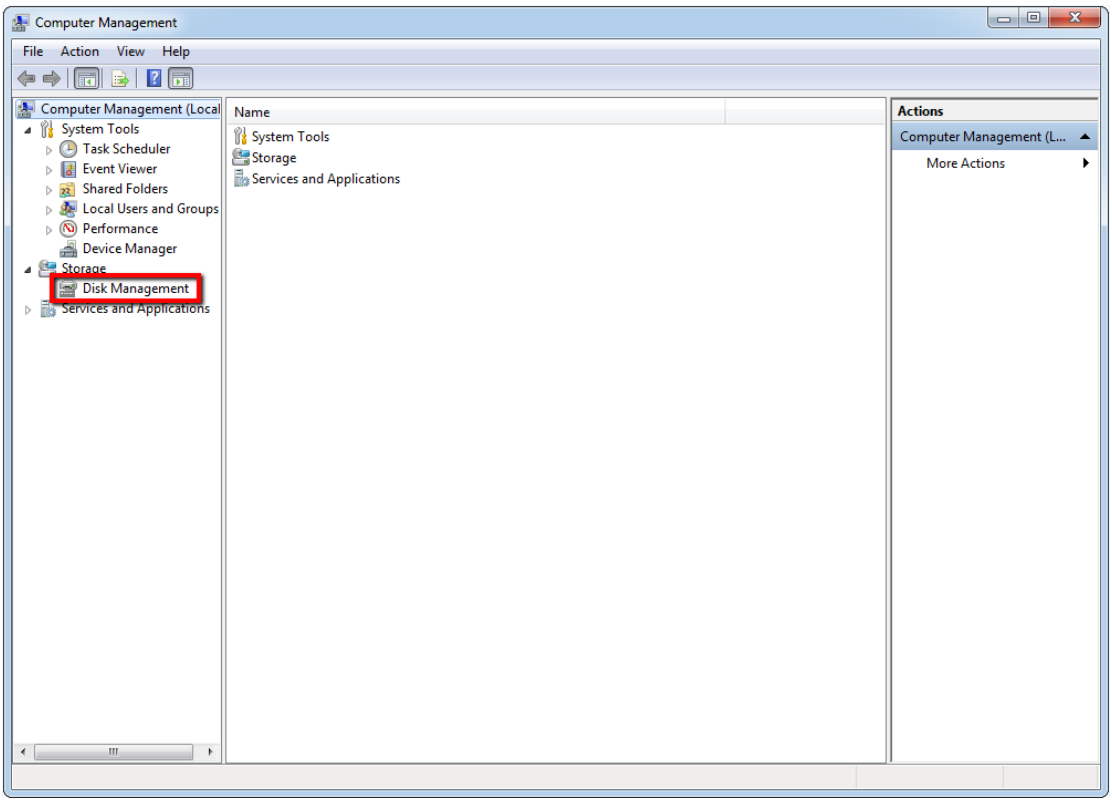
- When it finished, please close it.



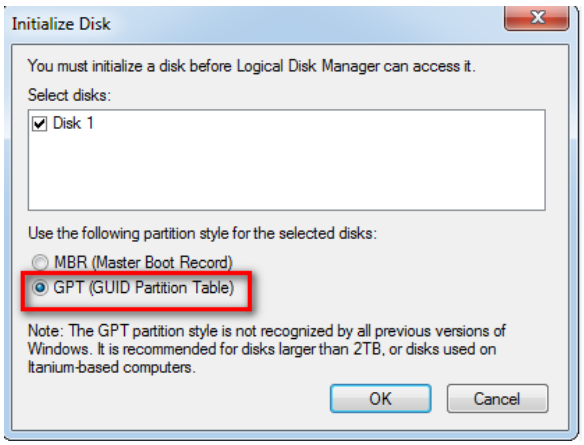
- Press “Start” ➔ “Computer” ➔ Right click “Manage”.



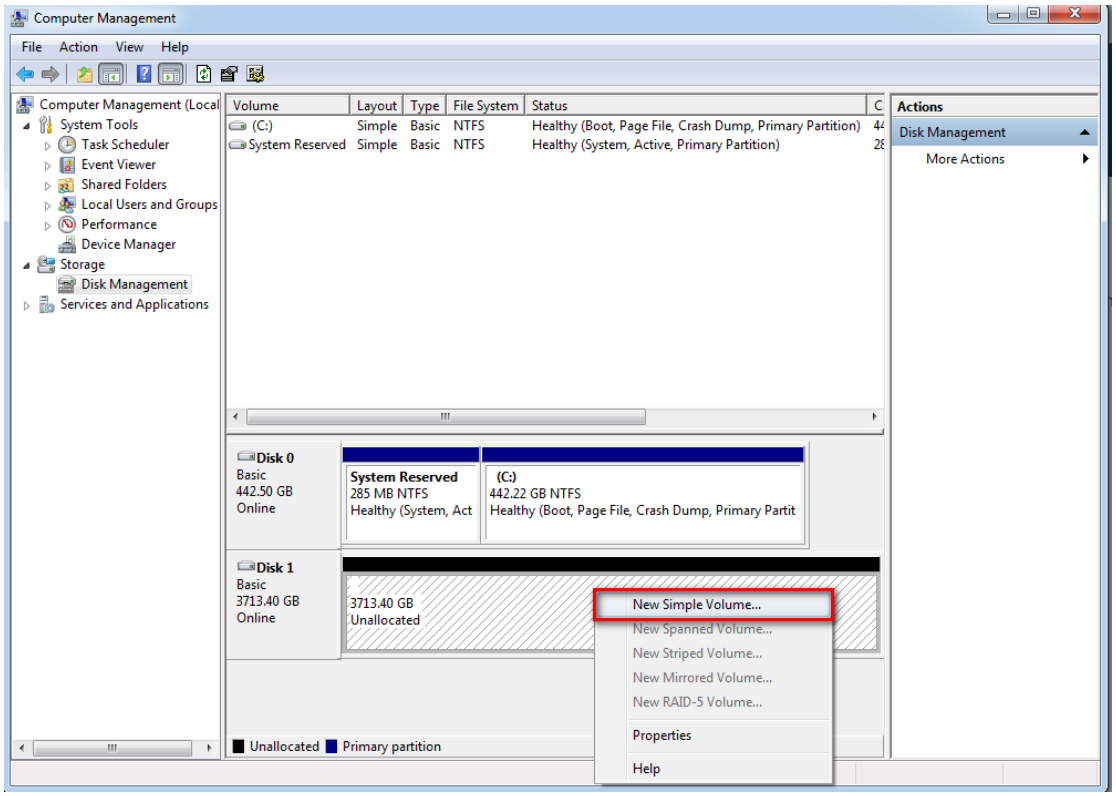
- Press “Disk Management”.



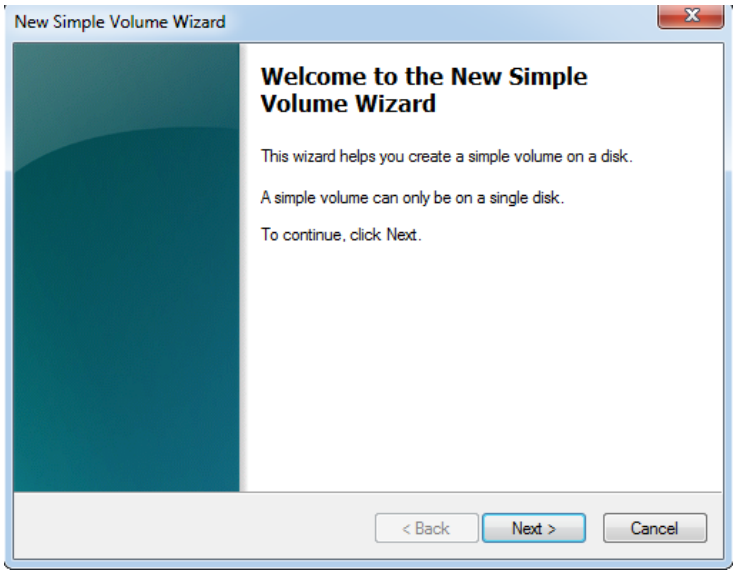
- It will show windows, select “GPT (GUID Partition Table)” and press “OK”.



- Right click “Unallocated” and select “New Simple Volume…”.



- Press “Next >”.



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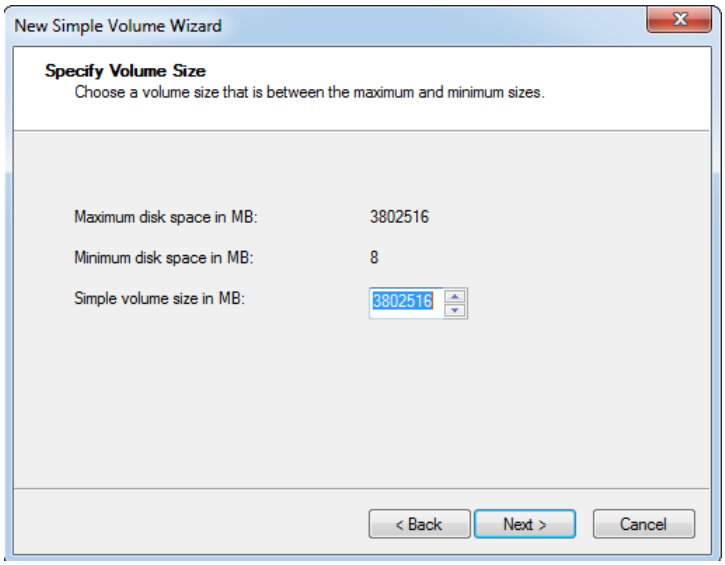
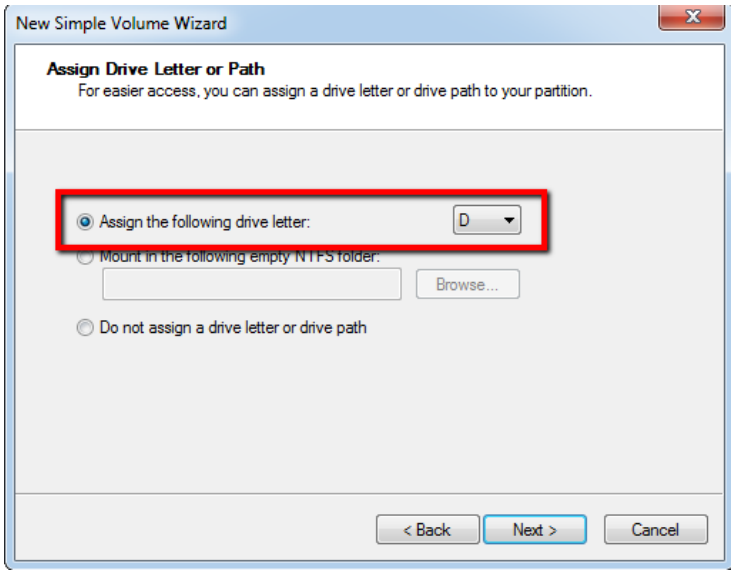
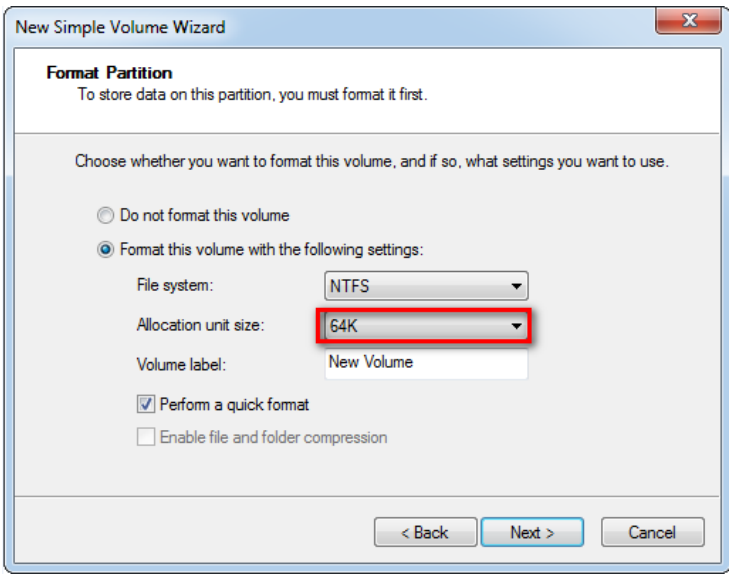


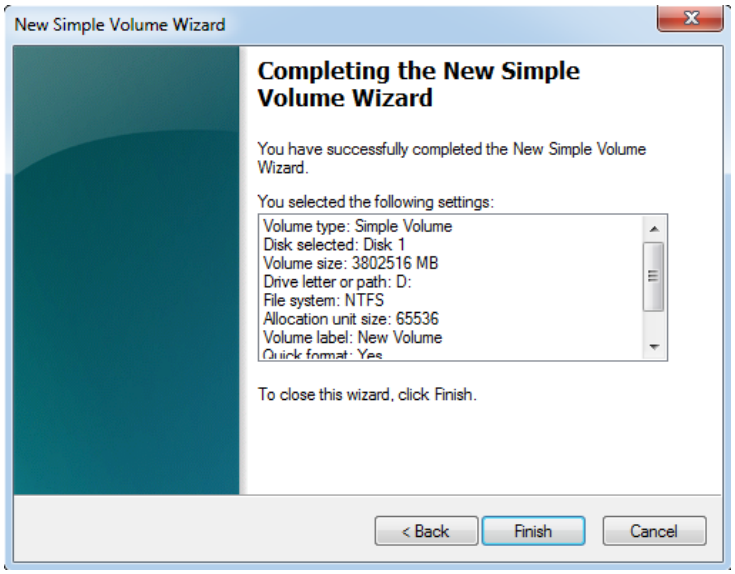
- Select your drive letter in “Assign the following drive letter” and press “Next >”.



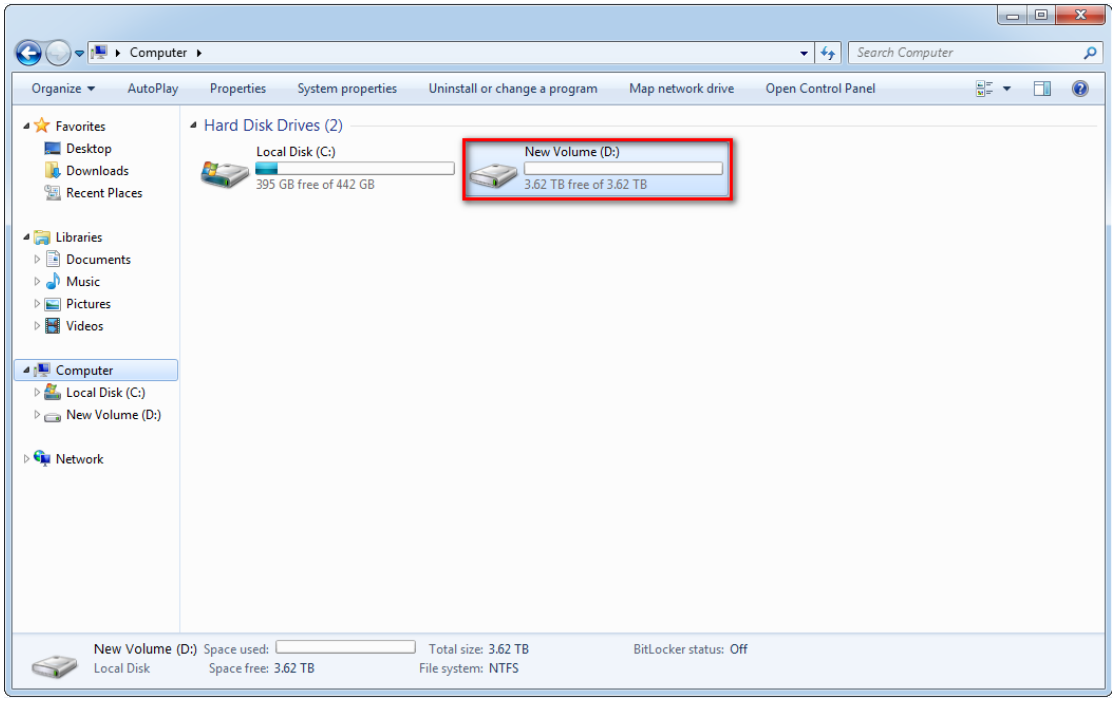
- Select “64K” and press “Next >”.



- After finished, press “Finish”.



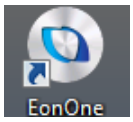
- You can see new drive (D:) in Computer.



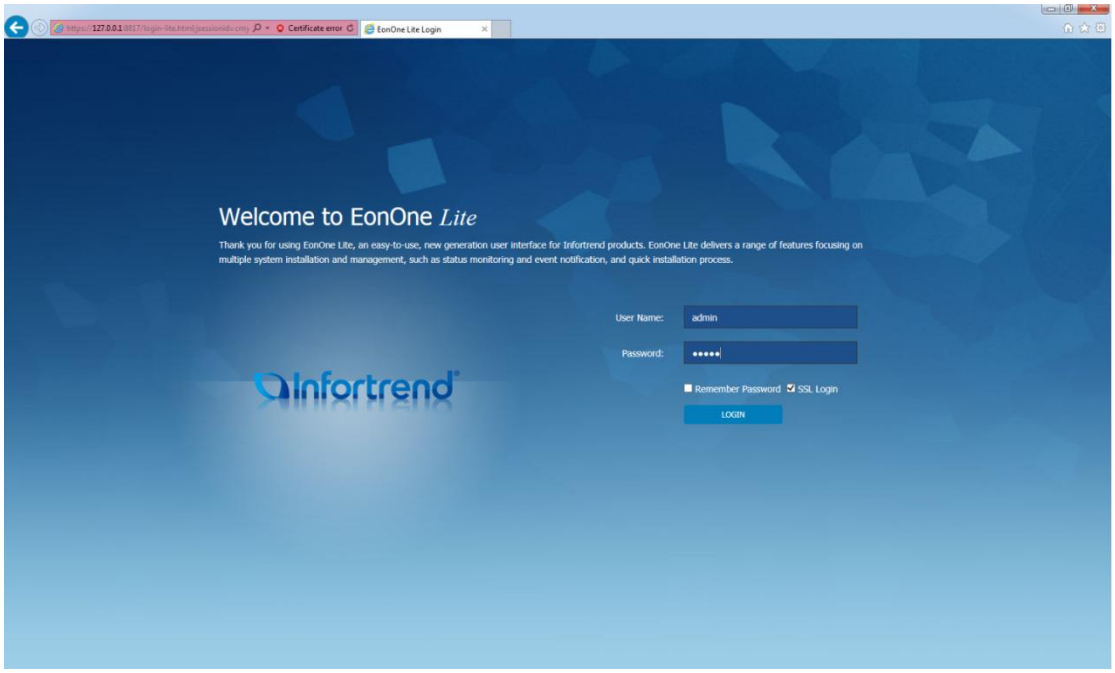
4. Create RAID in JBOD1

- Please insert HDDs to JBOD1.

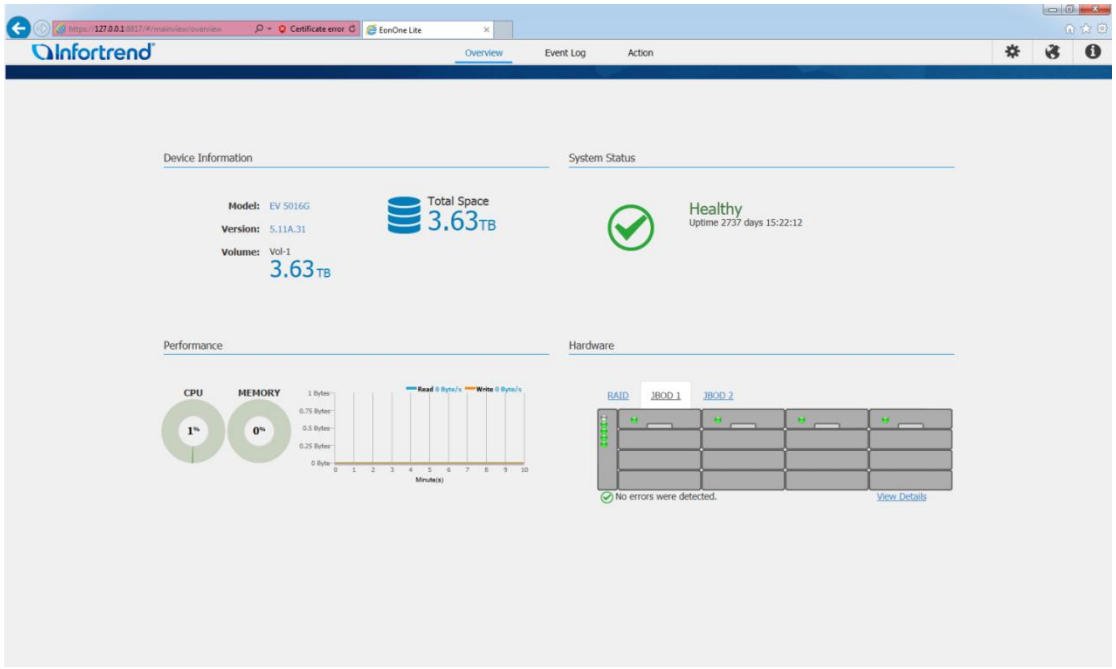
- After about 2.5 minutes, press “EonOne”.



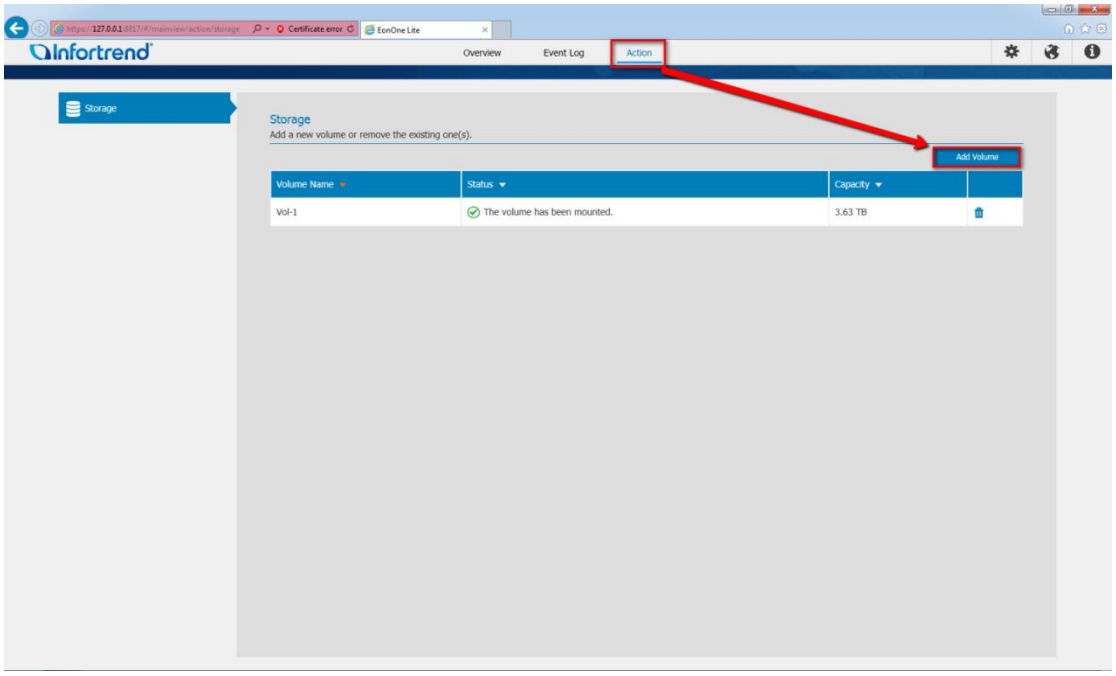
- Enter (admin / admin) to login EonOne.



- You can see HDD in JBOD1 has online.



- Select “Action” and press “Add Volume”.



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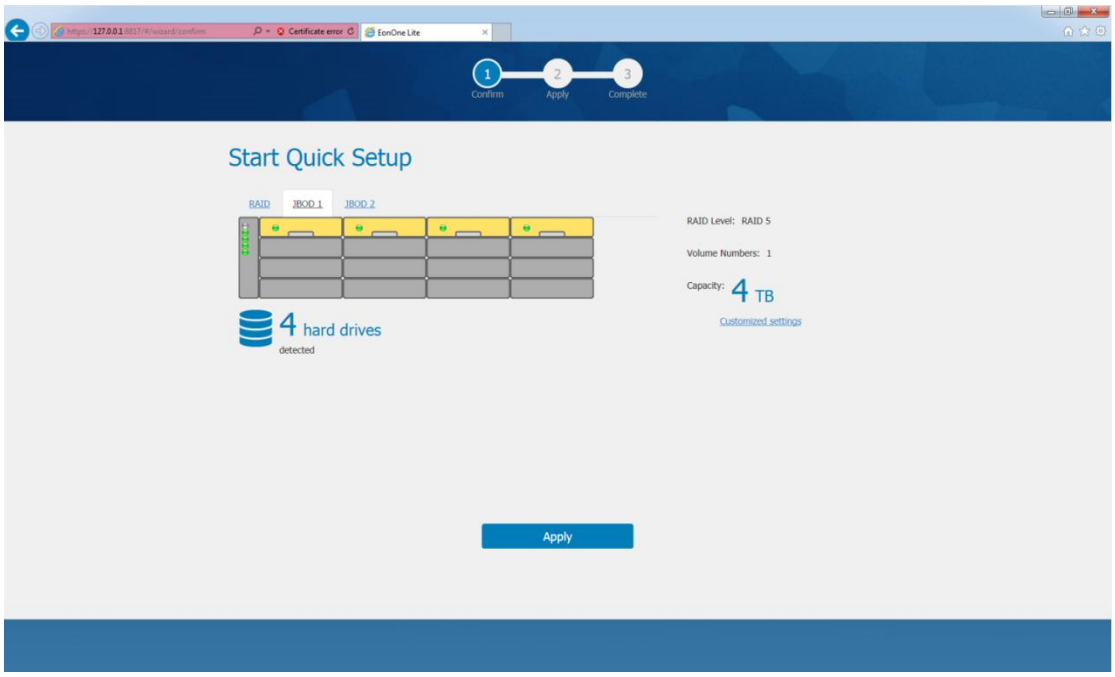

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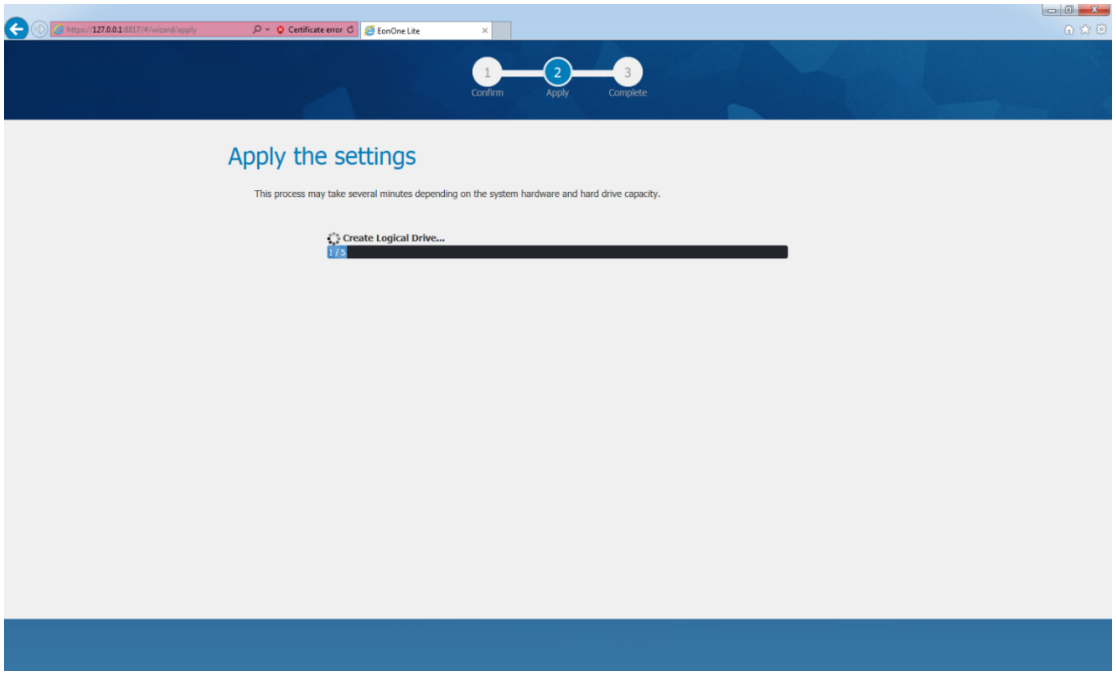

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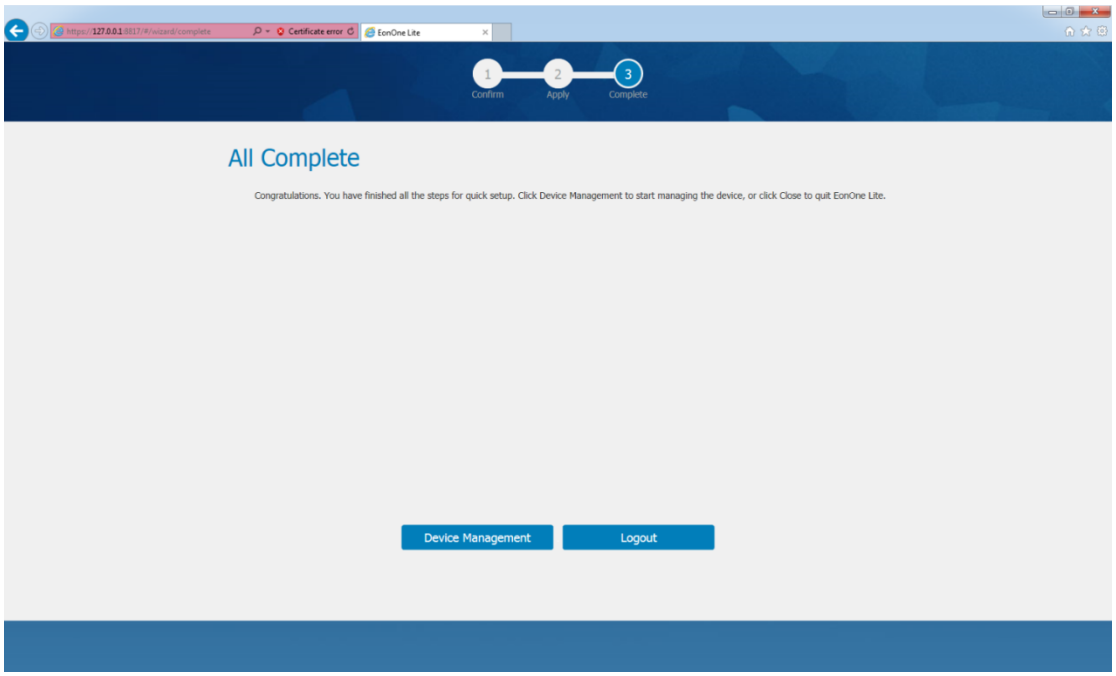

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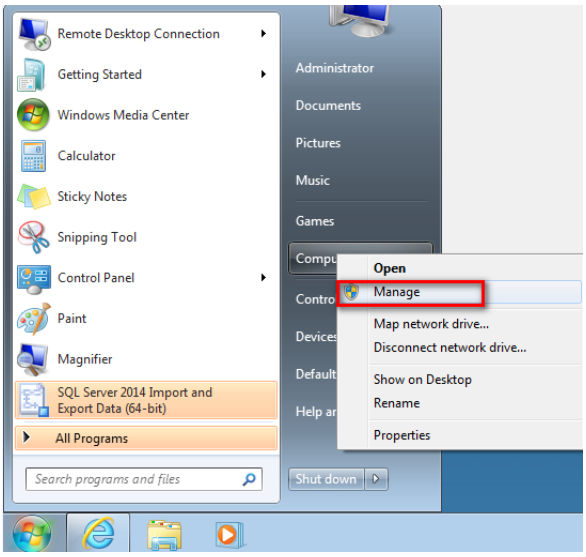

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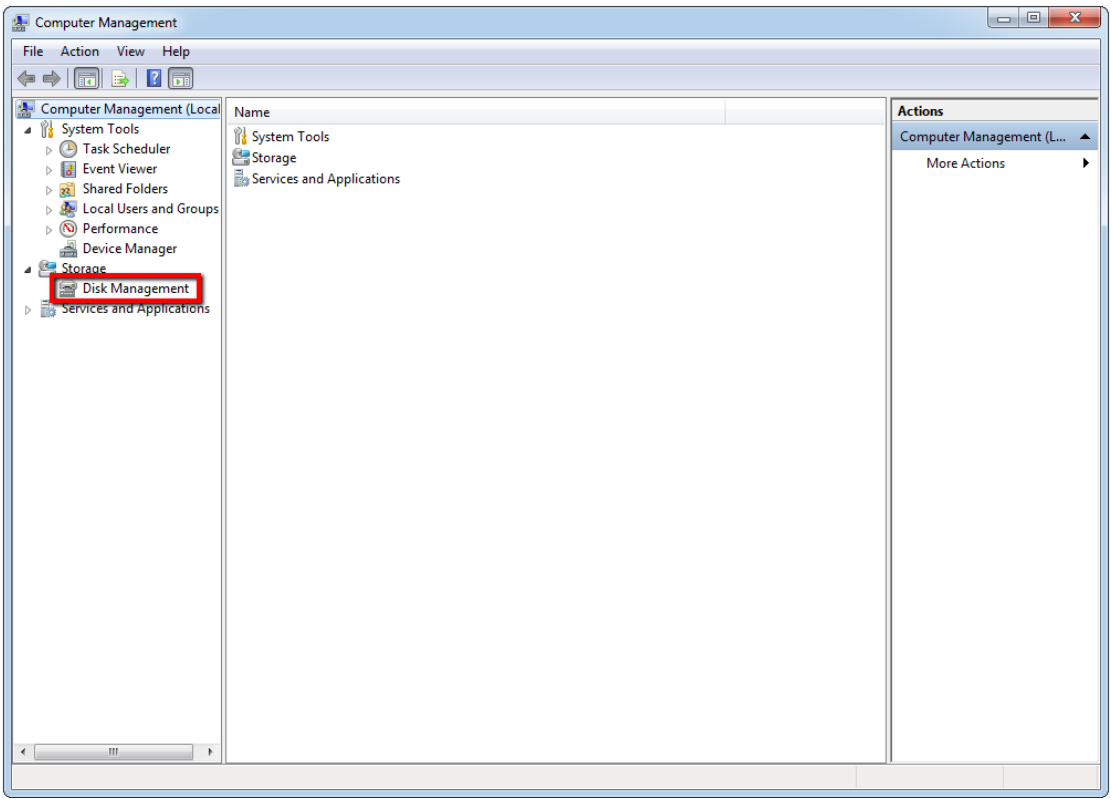

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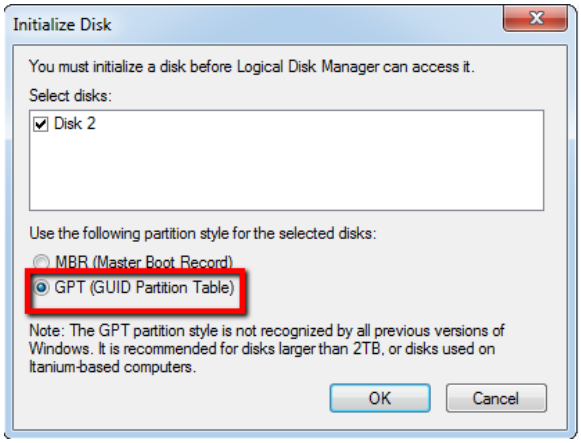

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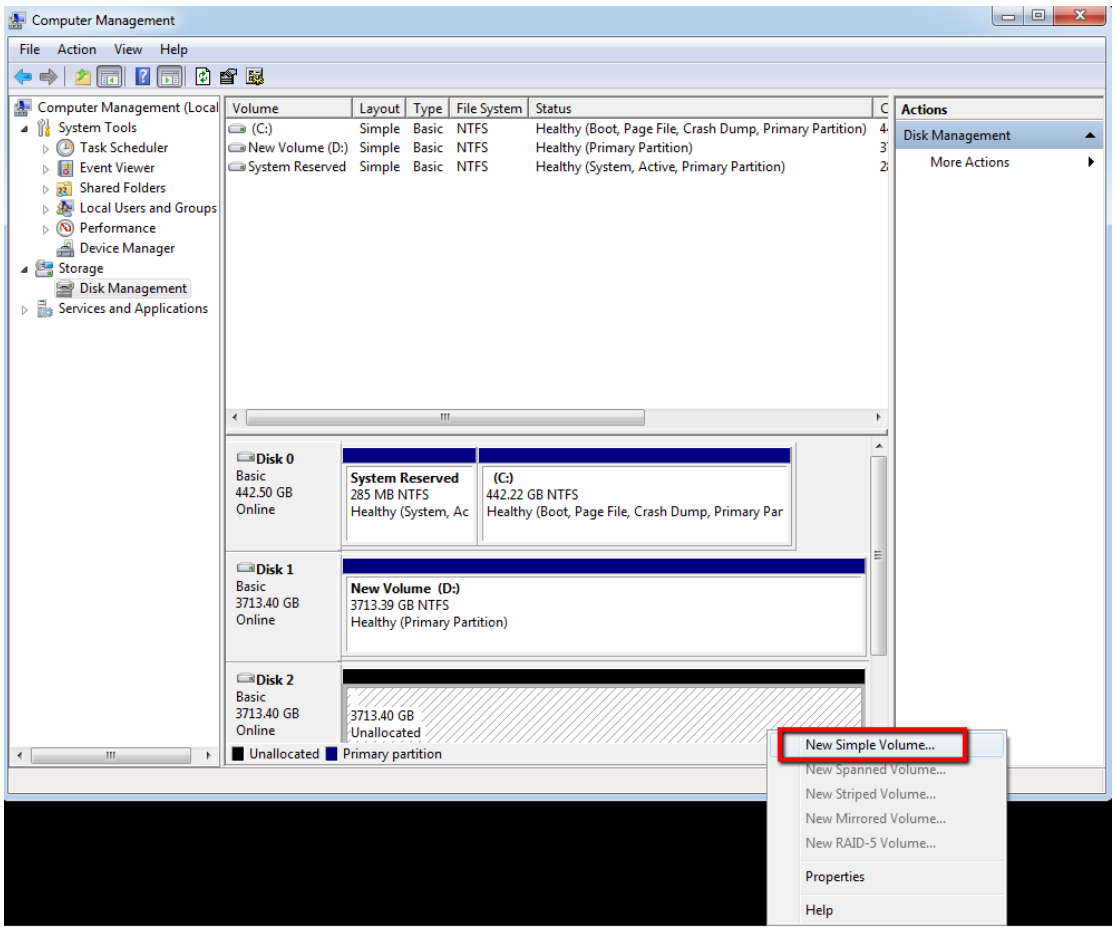
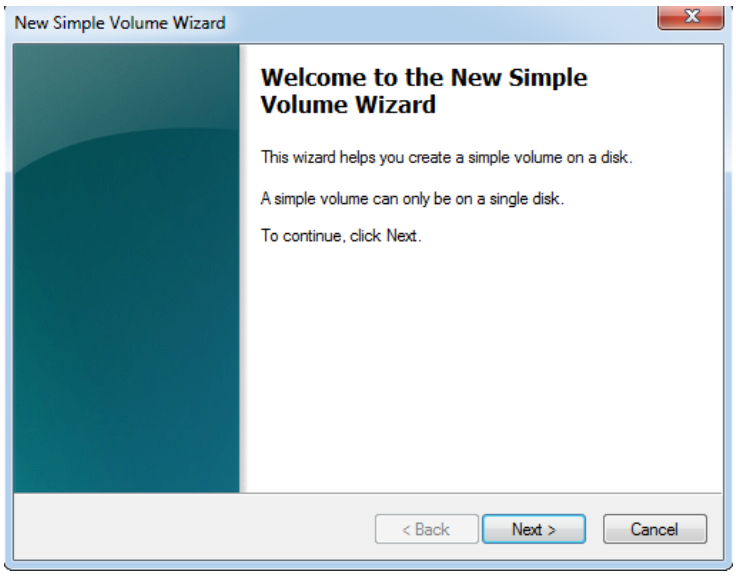


- Press “Next >”.



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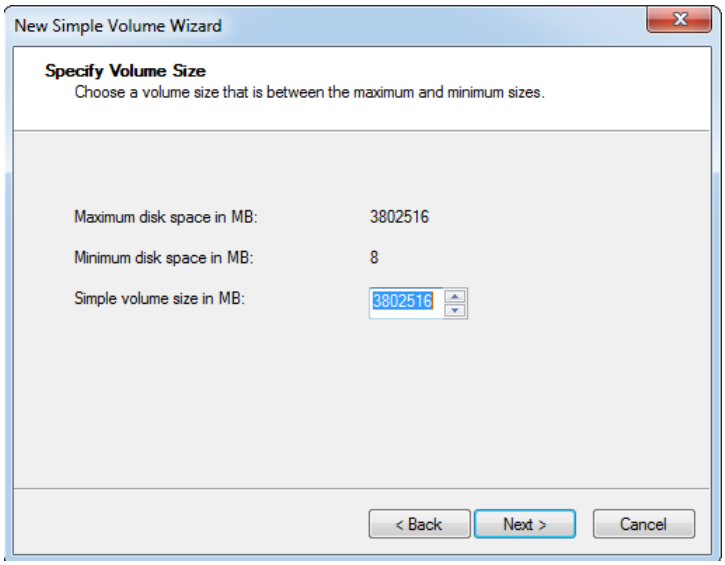

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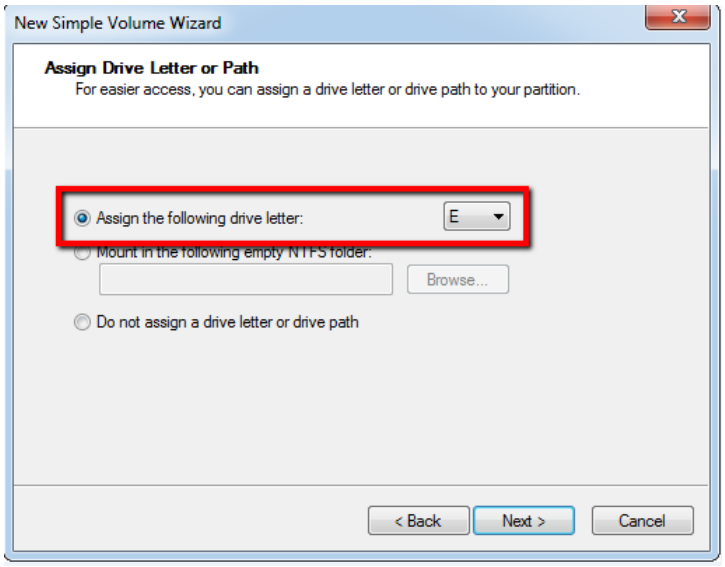

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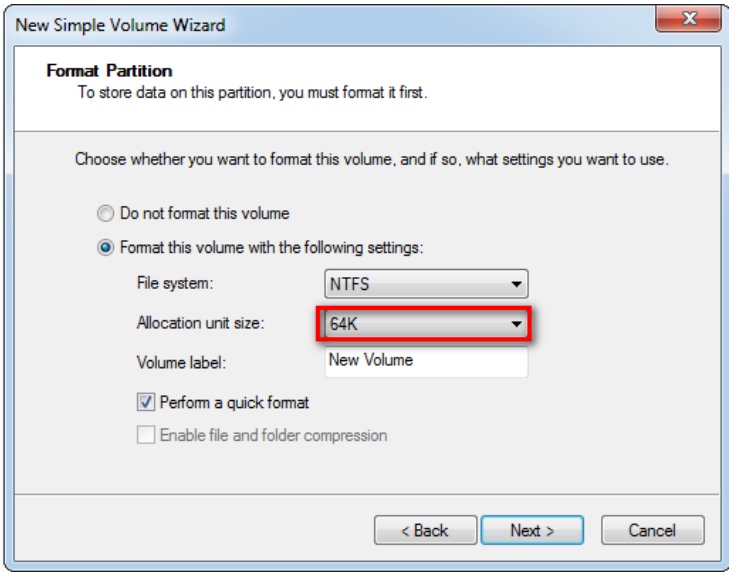

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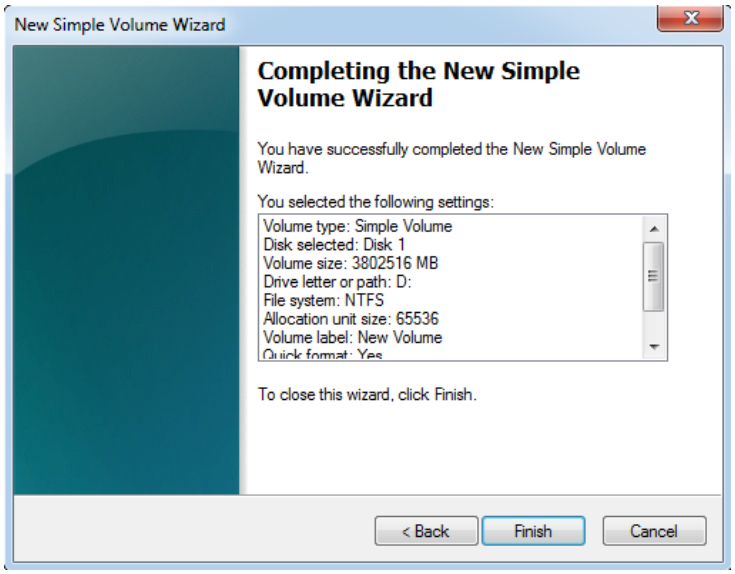

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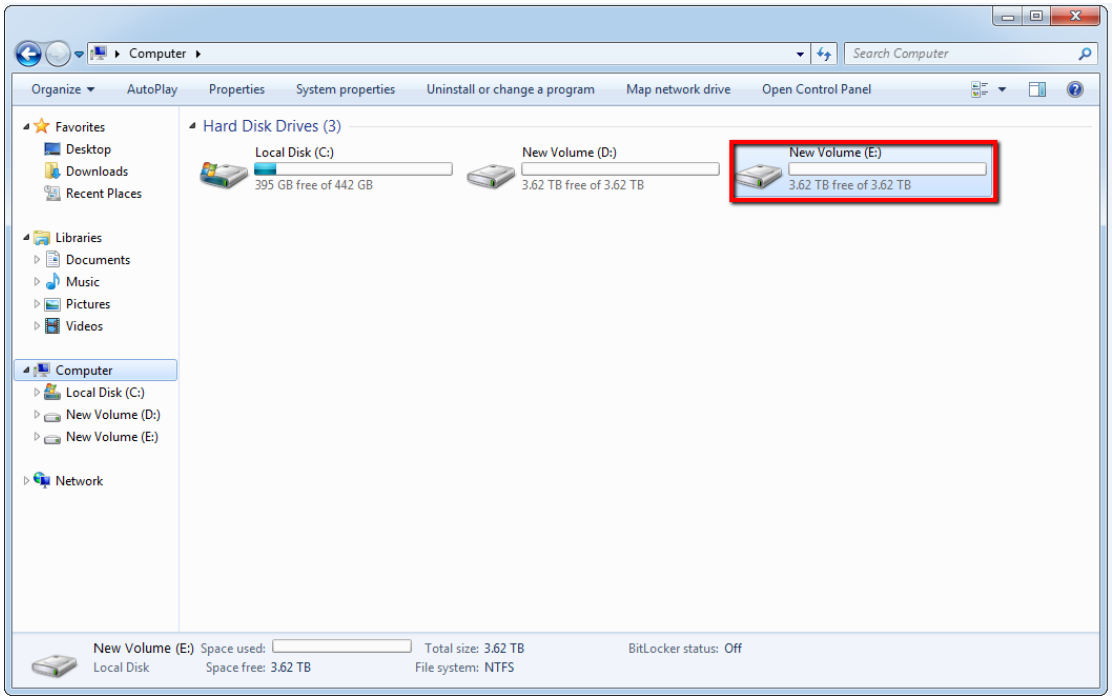

Note: for JBOD2, JBOD3……please refer the same procedure as Chapter 4.