2. Windows VM Disk Expand

Expand Scenarios

Scenarios

This scenarios is used to expand the virtual machine disk size when operating system run out of storage disk space. Virtual machine are easier to scale the disk size compare to traditional physical server.

Expand Style

1. Original disk capacity expansion, aCloud 5.8.8 and above support hot expansion of VM disk without power off the VM.
2. Adding Disk (aCloud 5.8.5 and below version need to power off the virtual machine before expanding, but 5.8.6 and above version can add disk without VM power off)
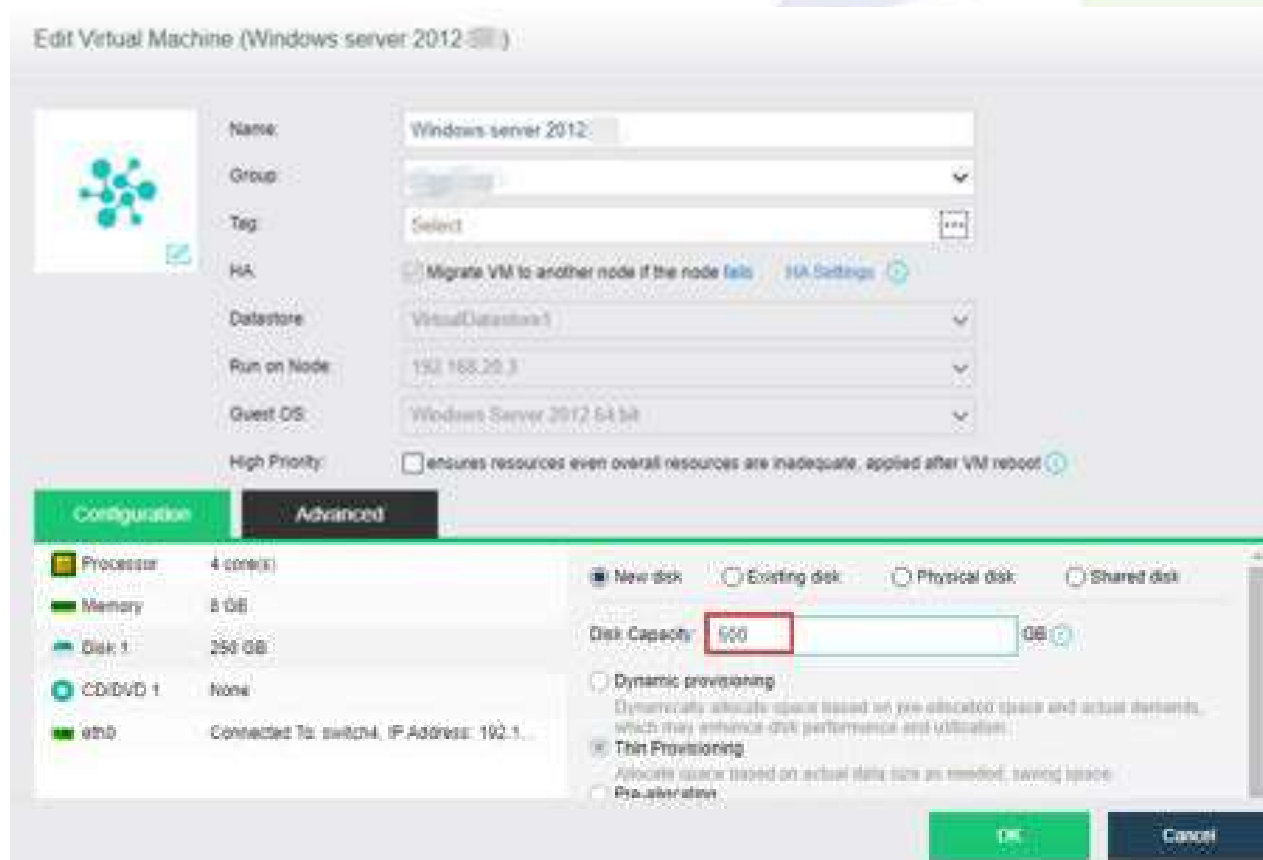
Precaution

1. aCloud 5.8.7R1 and below does not support hot expansion of the disk, it required to power off VM before expand the disk.
2. Unable to expand the disk size if the VM deployed from the template.
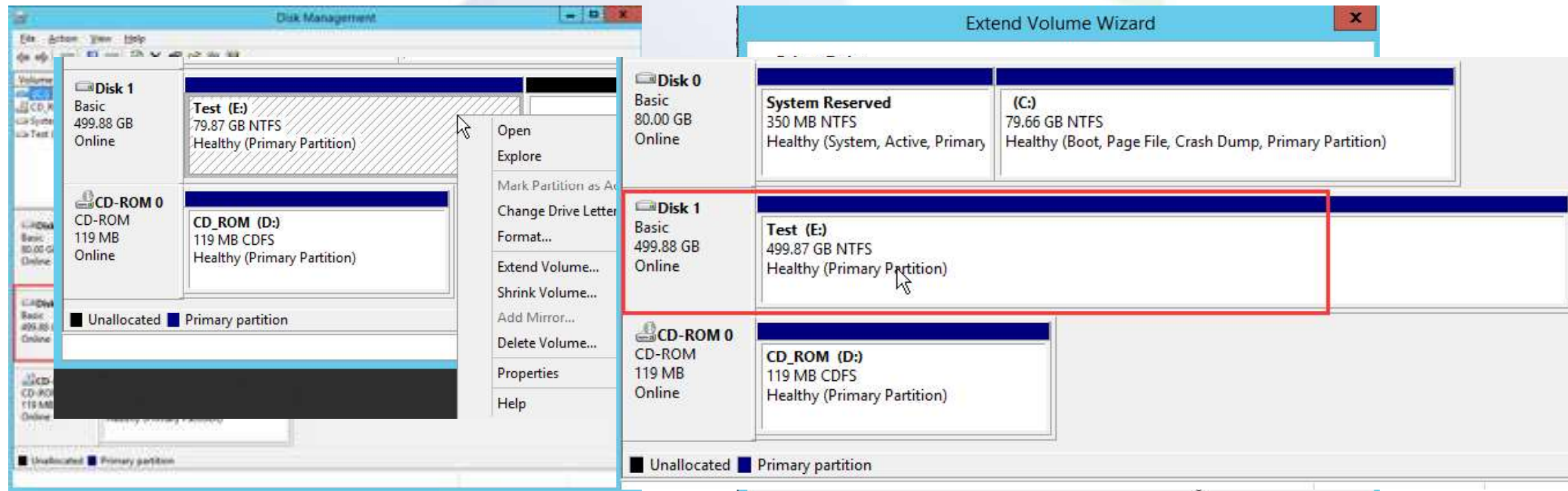
Expand Steps

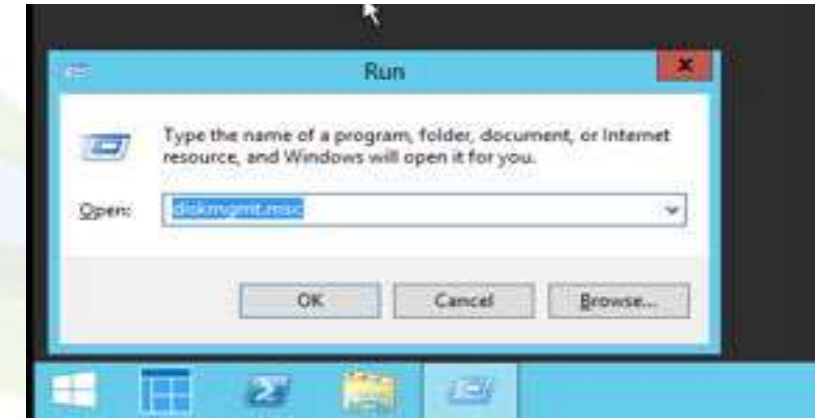**Original disk capacity expansion Steps:**

1. Select targeted VM > Edit to change VM profile setting.
2. Expand the disk size to preferred size.
3. Press ok to save the setting.

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Expand Steps

Original disk capacity expansion Steps:

4. Open windows run > execute "diskmgmt.msc"
5. Select respective disk that expanded.
6. Right click on allocated volume and select "Extend Volume"
7. Press Next to assign volume size that need to extend.
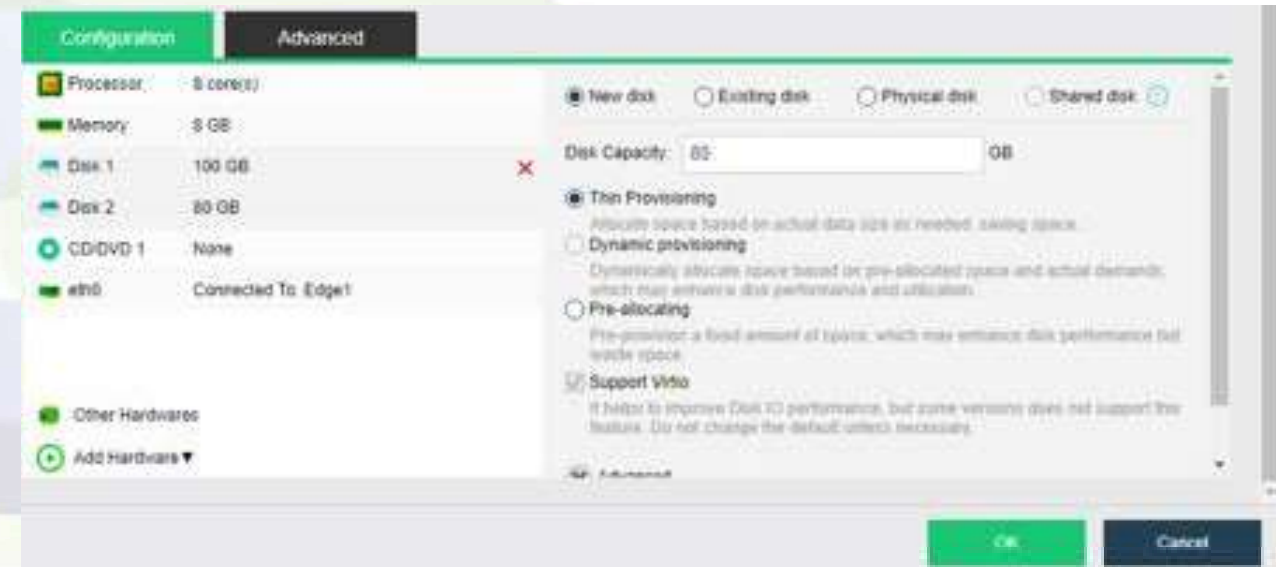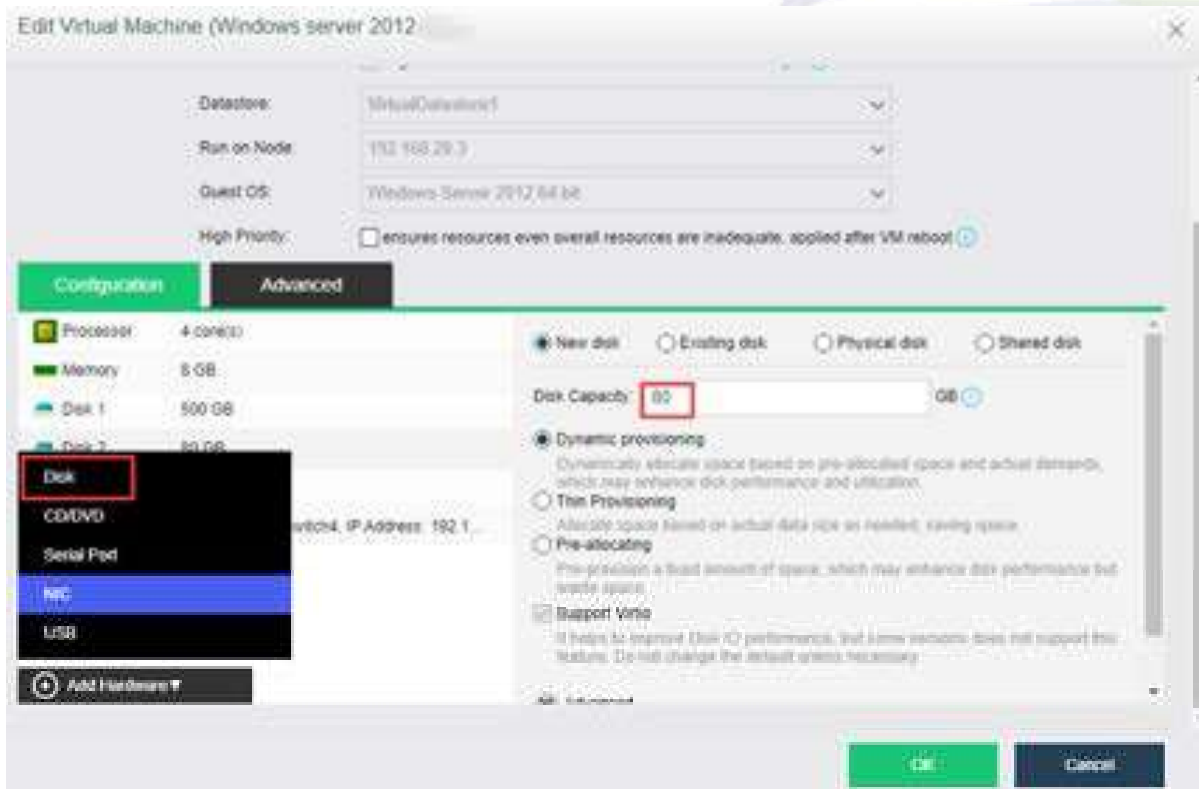8. Result: Disk 1 is extended from 80G to 500G.

Expand Steps

Adding Disk

1. Select targeted VM > Edit to change VM profile setting.

2. Adding a new Disk

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Expand Steps

Adding Disk

3. Open windows run > execute "diskmgmt.msc"
4. Select respective disk that adding.
5. Right click on allocated volume and select "New Simple Volume"
6. Press Next to assign volume size that need to extend.
7. Press Next to assign Drive letter
8. Press Next to assign volume format