

HCI

Convertire un'immagine del disco in Sangfor HCI

Versione 5.8.5



Registro delle modifiche

Data	Descrizione
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Introduzione alla conversione di un'immagine disco in Sangfor HCI

In questo documento viene descritto come convertire un formato disco in un formato supportato da Sangfor HCI

Passaggi

1. Scarica ed estrai gli strumenti binari di Windows qemu-img

<https://cloudbase.it/qemu-img-windows/>

2. Aprire un prompt dei comandi e andare nella directory qemu-img.

3. Eseguire il comando qemu-img

`qemu-img convert -f vmdk -O qcow2 source.vmdk dst.qcow2`

-f : Formato disco di origine (ad esempio: vmdk, vhdx, vhd)

-O: Formato del disco di destinazione

```
D:\freenas\Virtual Hard Disks\qemu-img-win-x64-2_3_0>qemu-img.exe convert -f vhdx -O qcow2 freenas.vhdx freenas.qcow2
D:\freenas\Virtual Hard Disks\qemu-img-win-x64-2_3_0>dir
Volume in drive D is Data
Volume Serial Number is BABB-7DE5

Directory of D:\freenas\Virtual Hard Disks\qemu-img-win-x64-2_3_0

24/09/2018  10:57 AM  <DIR>          .
24/09/2018  10:57 AM  <DIR>          ..
24/09/2018  10:57 AM      1,296,236,544  freenas.qcow2
24/09/2018  10:03 AM      2,051,014,656  freenas.vhdx
18/09/2013  06:35 PM        86,528  libgcc_s_sjlj-1.dll
30/03/2015  08:09 PM      2,584,872  libglib-2.0-0.dll
30/03/2015  08:10 PM        79,707  libgthread-2.0-0.dll
30/03/2015  08:38 AM      1,475,928  libiconv-2.dll
30/03/2015  06:59 PM        464,017  libintl-8.dll
18/09/2013  06:35 PM        18,944  libssp-0.dll
17/06/2015  02:37 AM      5,615,492  qemu-img.exe
          9 File(s)  3,357,576,688 bytes
          2 Dir(s)  2,721,622,814,720 bytes free

D:\freenas\Virtual Hard Disks\qemu-img-win-x64-2_3_0>
```

4. Controllare la coerenza dell'immagine del disco prima di caricarlo su Sangfor HCI

`qemu-img.exe check dst.qcow2`

```
D:\freenas\Virtual Hard Disks\qemu-img-win-x64-2_3_0>qemu-img.exe check freenas.qcow2
No errors were found on the image.
19744/2080768 = 0.95% allocated, 0.00% fragmented, 0.00% compressed clusters
Image end offset: 1296236544

D:\freenas\Virtual Hard Disks\qemu-img-win-x64-2_3_0>
```

5. Caricare qcow2 convertito in Sangfor HCI

Create New Virtual Machine

Name:

Group: +

Tag: ...

HA: ☒ Migrate to another node if the node fails HA Settings

Datastore:

Run on Node:

Guest OS:

Configuration | Advanced

Standard: ☐ Low ☒ Typical ☐ High

Processor: 2 core(s)

Memory: 4 GB

Disk 1: 80 GB

CD/DVD 1: None

eth0: Connected To: Admin_Edge

Other Hardware

CD/DVD Drive:

☐ None

☒ Load ISO image file

OK Cancel

Upload Image file from this local PC to datastore

Image File: ...

Datastore: ...

Upload

6. Creare una nuova macchina virtuale basata sull'immagine qcow2 caricata.

aCloud Convertire un'immagine del disco in Sangfor HCI v5.8.5

Create New Virtual Machine

Name: freenas

Group: Default Group

Tag: Select

HA: ☒ Migrate to another node if the node fails [HA Settings](#)

Datastore: VirtualDatastore1

Run on Node: <Auto>

Guest OS: FreeBSD

Configuration Advanced

Standard: Low Typical High

Processor 2 core(s)

Memory 4 GB

Disk 1 80 GB

CD/DVD 1 None

eth0 Connected To: Admin_Edge

Other Hardware

☐ New disk ☒ Existing disk ☐ Physical disk ☐ Shared disk

Disk File:

☐ Delete source disk files

OK Cancel

Select Disk Image File

Path: // All datastores / VirtualDatastore1 / iso /

Refresh Manage

Name	Type	Total Capacity	Max Write Speed	Delete
freenas.qcow2	qcow2 File	1.21 GB	-	X

OK Cancel



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