



SANGFOR

# SANGFOR\_HCI\_v5.8.3\_Upgrading Guide



SANGFOR Technologies Inc.

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*Your Future-Proof IT Enabler*

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# 1. Introduction

## 1.1 Abbreviations and conventions

HCI in this article refers to the SANGFOR HCI device.

## 1.2 Feedback

If you find any questions of this documents, please feel free to give us feedback, email:

[tech.support@sangfor.com](mailto:tech.support@sangfor.com).



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## 2. Upgrading Step Introduction

### 2.1 preparatory work before upgrading

If you are preparing to upgrade HCI, First you need to confirm this thing as follow up:

- Confirm what version you are preparing to upgrade to.
- Confirm what version of your HCI now.
- Confirm if your HCI is a custom version, HCI can't upgrade from a custom version.
- Confirm if you can permit the VM shutdown when upgrading, HCI need to shutdown all the VM before upgrading.
- Download all the HCI upgrade package which you need before upgrading.
- Check Tasks and confirm the HCI have not task is running when you are upgrading.

If you unable to confirm if your current HCI can upgrade, you can contact SANGFOR Technology Support for help.

### 2.2 upgrading step

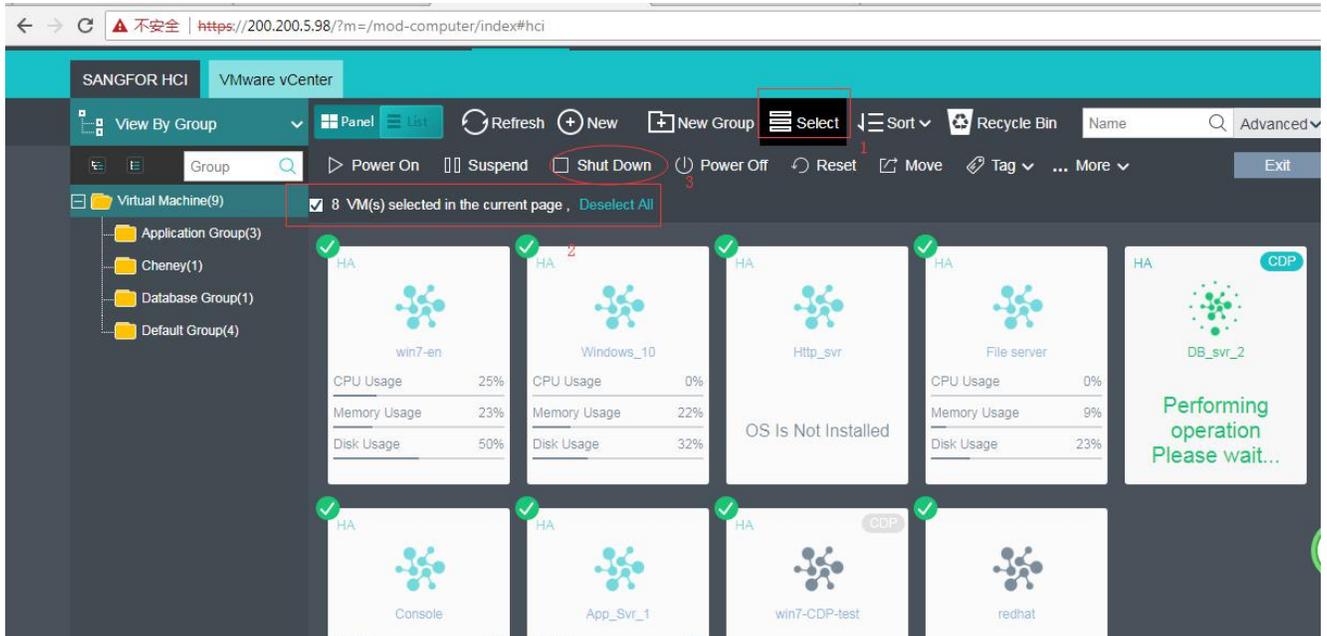
1. Shutdown all the VM in HCI (including vSwitch, vRoute.eg),Execute as follow up:

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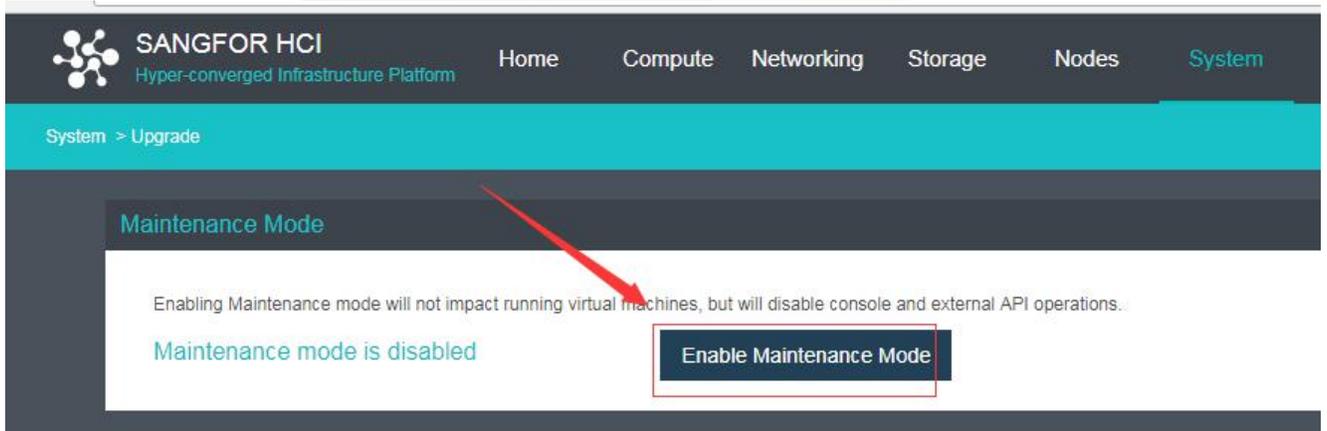
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## 2. Click into System---Upgrade, Enable Maintenance Mode



## 3. Upload Upgrade Package

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Upgrade

- 1. Version
- 2. File Upload**
- 3. Upgrade
- 4. Host Reboot
- Finish

Follow the steps below to get upgrade file:

1. Download upgrade file through Web browser.
2. Upload the file to server

4. Click Start after finish file upload

2. File Upload

- 3. Upgrade
- 4. Host Reboot
- Finish

Follow the steps below to get upgrade file:

1. Download upgrade file through Web browser.
2. Upload the file to server

Upload file successfully

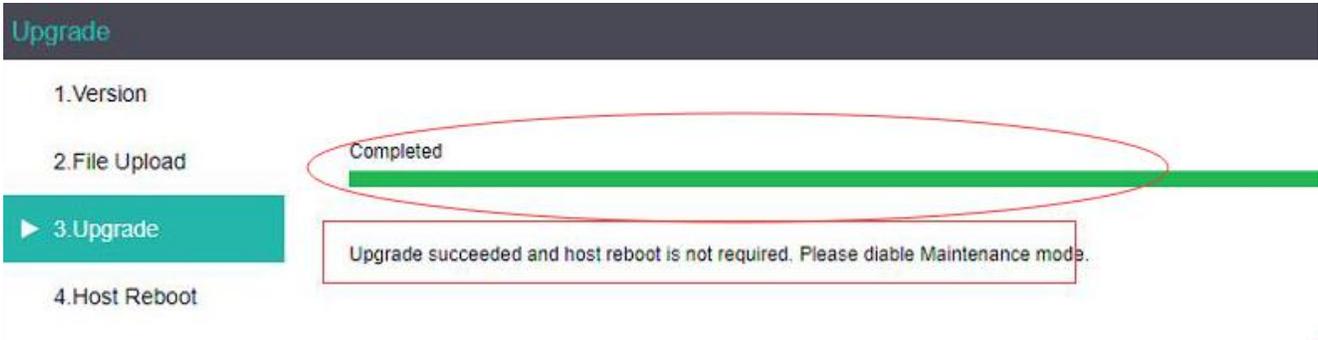
5. Then WebUI will show the progresses of the upgrading:

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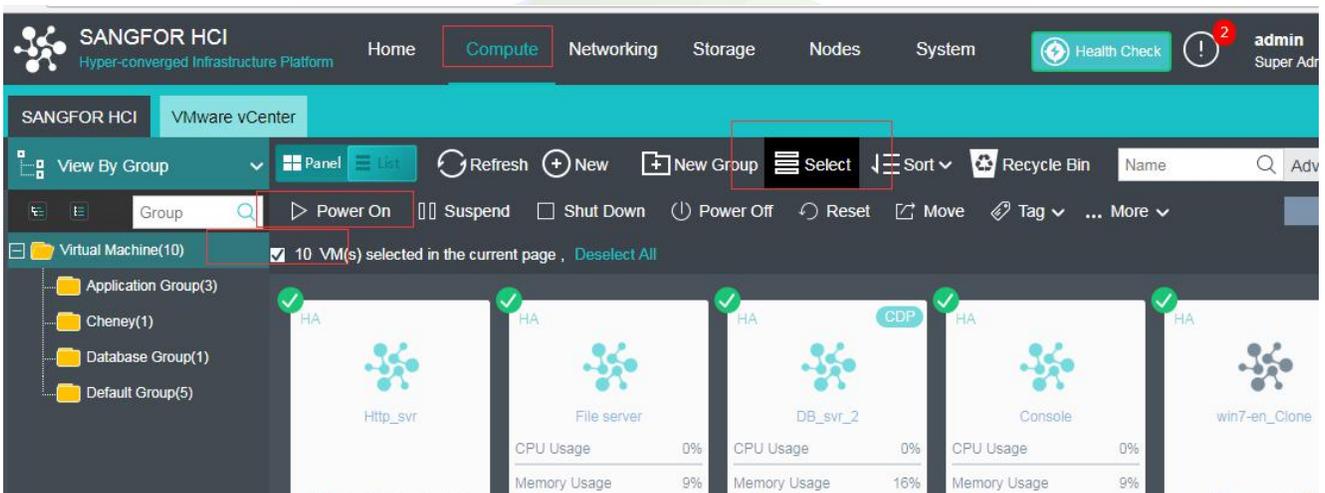


Upgrade

- 1.Version
- 2.File Upload **Completed**
- 3.Upgrade**
- 4.Host Reboot

Upgrade succeeded and host reboot is not required. Please diable Maintenance mode.

6. Start the VM after finish upgrading



SANGFOR HCI Hyper-converged Infrastructure Platform

Home **Compute** Networking Storage Nodes System Health Check admin Super Adm

SANGFOR HCI VMware vCenter

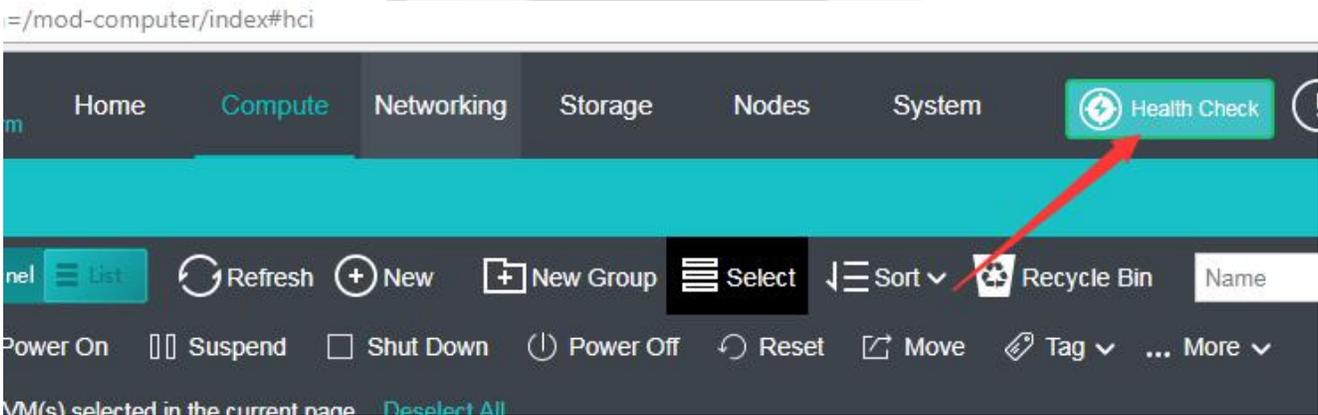
View By Group Panel List Refresh New New Group Select Sort Recycle Bin Name Adv

Group Power On Suspend Shut Down Power Off Reset Move Tag ... More

Virtual Machine(10) 10 VM(s) selected in the current page, Deselect All

VM Name	Status	CPU Usage	Memory Usage
Http_svr	HA	0%	9%
File server	HA	0%	9%
DB_svr_2	HA	0%	16%
Console	HA	0%	9%
win7-en_Clone	HA	0%	9%

7. Execute a healthy check after finish upgrading at the end



Home **Compute** Networking Storage Nodes System Health Check

Panel List Refresh New New Group Select Sort Recycle Bin Name

Power On Suspend Shut Down Power Off Reset Move Tag ... More

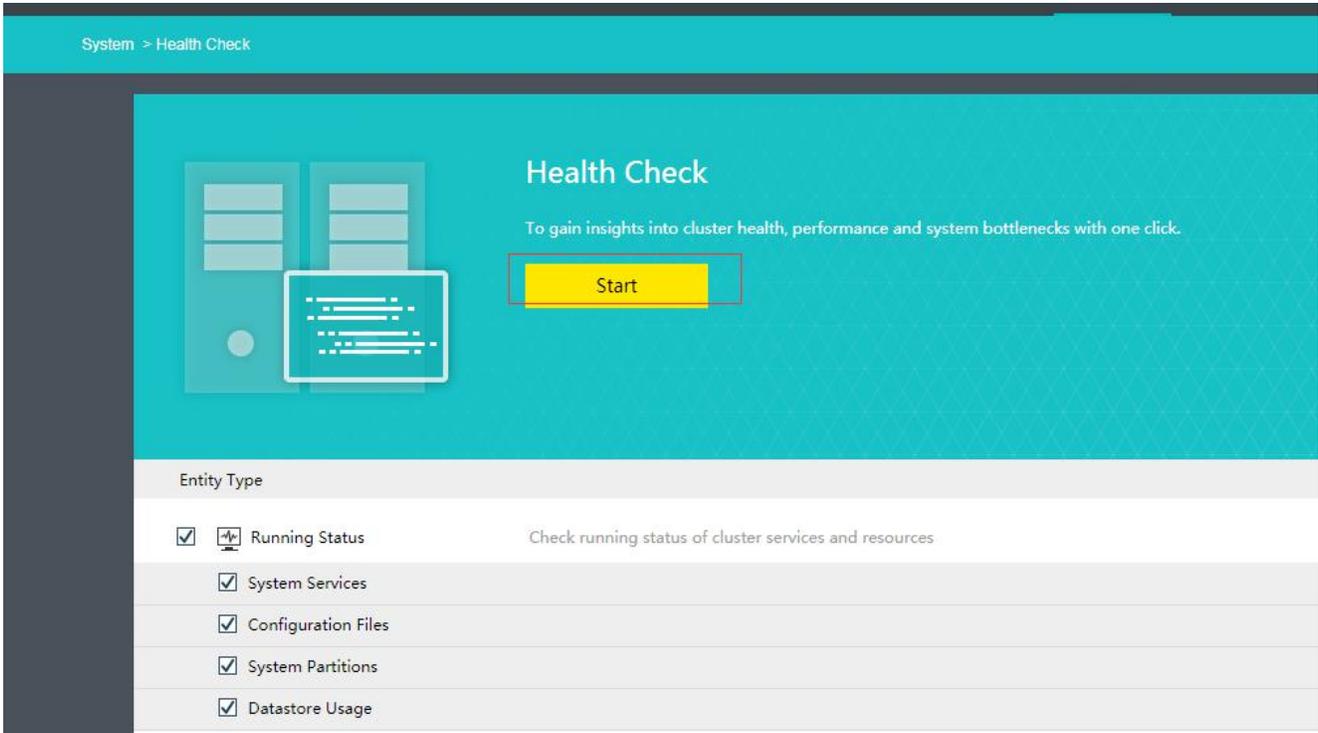
VM(s) selected in the current page, Deselect All

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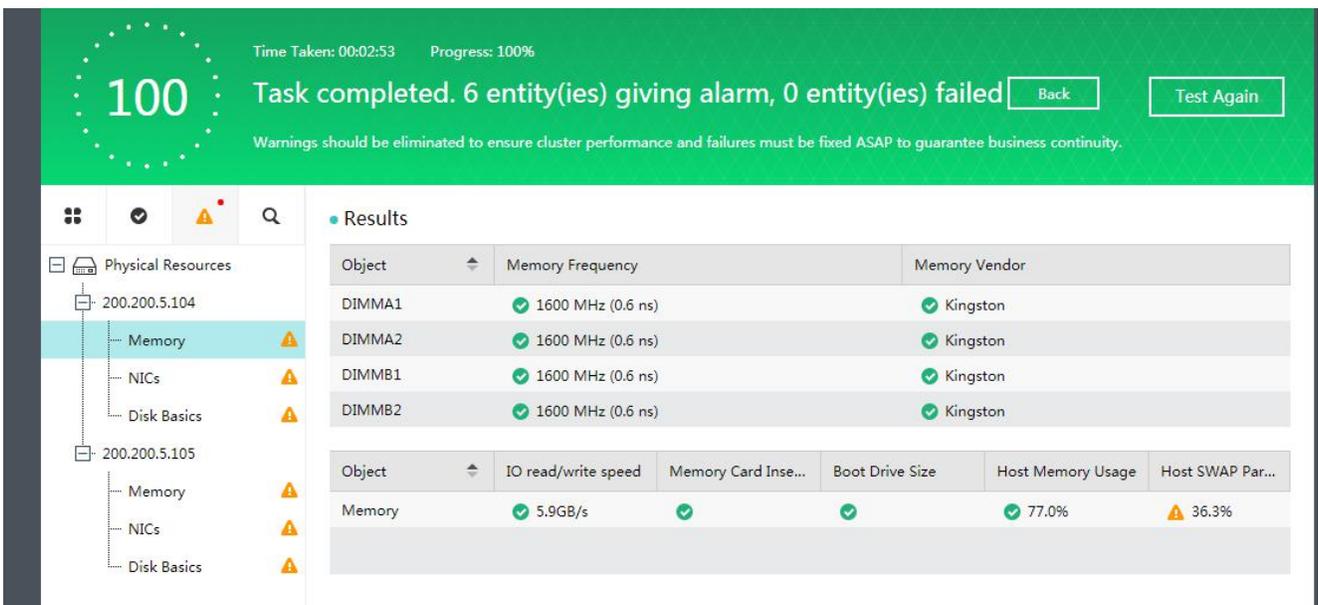
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The result of the health check will show as follow:

- If have abnormal check result, Please check whether the corresponding virtual machine is normal.



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### 3. Notes

- 1) You need to check the VM if have any abnormal after upgrading
- 2) The more count of nodes have, the more time you need to upgrading
- 3) If the HCI tasks is running any task when upgrading, the upgrade maybe will be fail.



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