How to manually retrieve info from ESXi log bundle

based on tdlog result

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1. Reconstruct log files

The files in ESXi log bundle are fragmented. For example, the vsish files under Commands folder, they are vsi\_traverse\_-s--l-0.txt.FRAG-00000

...

vsi\_traverse\_-s--l-0.txt.FRAG-00309

It need be reconstructed after unzip. How to reconstruct the log files without CSP server?

1. deploy an ESXi 7.0/8.0 in nested or bare metal where we can get the vm-support command
2. upload ESXi log bundle to the ESXi host and unzip with the cmd ‘*tar zxvf <esxi-log.tgz>*’

for example:

# tar zxvf esx-w2-tse-d13.wsl.vmware.com-2024-05-30--09.32-2160407.tgz

1. reconstruct the folder after unzip with the cmd ‘*vm-support -r <folder-after-unzip>*’

for example:

# vm-support -r esx-w2-tse-d13.wsl.vmware.com-2024-05-30--09.32-2160407

NOTE:

1. The below each section to retrieve info contains three parts:
2. sample info in tdlog result file
3. path to get this info from log bundle files
4. corresponding info in ESXi log files
5. The ‘path’ means you have been in the ESXi log folder after unzip.

2. General Info

## 2.1 hostname



Path to retrieve: commands/esxcfg-info\_-a.txt

Hostname:

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Description automatically generated

uptime: (*microsecond*)



## 2.2 version

 Path to retrieve: commands/vmware\_-vl.txt



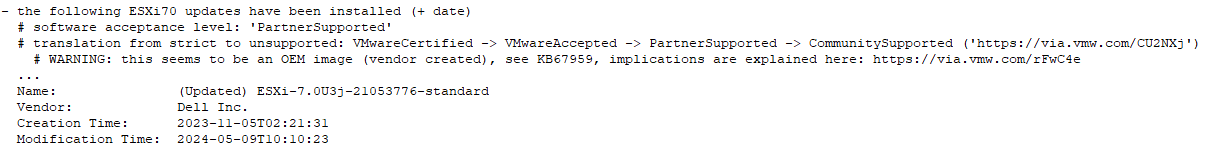
## 2.3 license

 Path to retrieve: commands/vmware-vimdump\_-o----U-dcui.txt

A screen shot of a computer code

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## 2.4 software profile

 Path to retrieve: commands/localcli\_software-profile-get.txt

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## 2.5 ntp

 Path to retrieve: commands/vmware-vimdump\_-o----U-dcui.txt

A screen shot of a computer code

Description automatically generated

## 2.6 dns

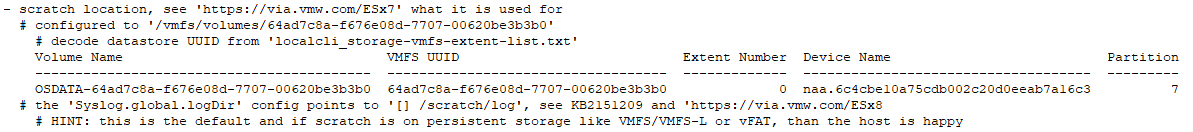
A close up of a computer

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Path to retrieve: etc/resolv.conf



## 2.7 scratch



Path to retrieve: commands/vmware-vimdump\_-o----U-dcui.txt

A screen shot of a computer code

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## 2.8 boot

A close up of a computer screen

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Path to retrieve: commands/vmkfstools\_-P--v-10-bootbank.txt

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Description automatically generated

## 2.9 virtual machine

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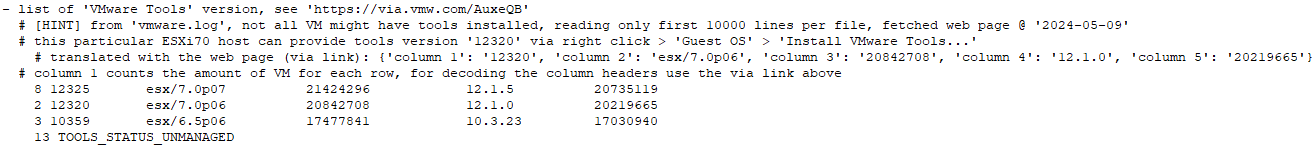
Description automatically generated

Path to retrieve: etc/vmware/hostd/vmInventory.xml

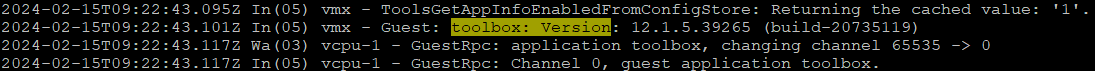
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Description automatically generated

## 2.10 vm tools

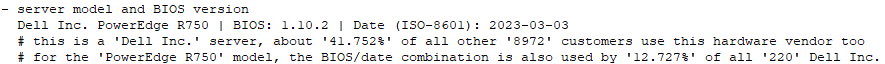


Path to retrieve: vmfs/volumes/<datastore>/<vm-name>/vmware.log



1. Hardware Asset

## 3.1 server model



Path to retrieve: commands/esxcfg-info\_-a.txt

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Description automatically generated

## 3.2 server compatibility

A close up of text

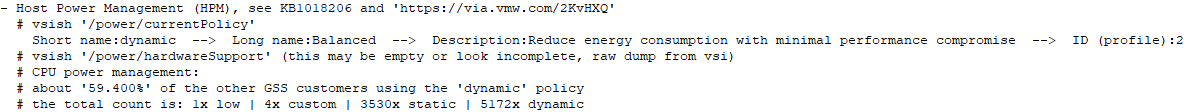
Description automatically generated

Path to retrieve: <https://www.vmware.com/resources/compatibility/search.php>

A screenshot of a computer

Description automatically generated

## 3.3 power policy



Path to retrieve: vsish -c commands/vsi\_traverse\_-s.txt

Note: vsish is a built-in cmd in ESXi host. Need to run in ESXi host.

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Description automatically generated

## 3.4 cpu

A close-up of a computer code

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Path to retrieve: vsish -c commands/vsi\_traverse\_-s.txt

A screen shot of a computer

Description automatically generated

## 3.5 pci device

A close-up of a computer screen

Description automatically generated

Path to retrieve: commands/lspci.txt

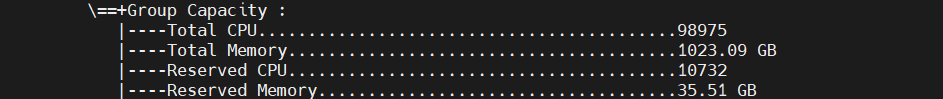
A screen shot of a computer screen

Description automatically generated

## 3.6 memory



Path to retrieve: commands/esxcfg-info\_-a.txt



1. Network

## 4.1 vswitch

A screen shot of a computer

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Path to retrieve: commands/esxcfg-vswitch\_-l.txt

A screenshot of a computer

Description automatically generated

## 4.2 firewall

A close-up of a computer screen

Description automatically generated

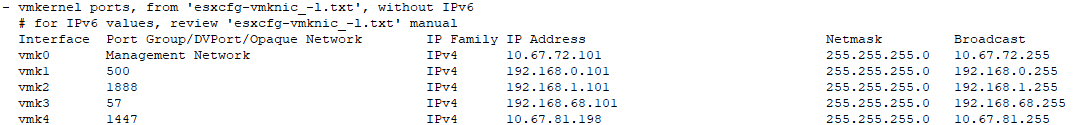
Path to retrieve: vsish -c commands/vsi\_traverse\_-s.txt

vmkModules/esxfw/rulesets/<rule>/ruleset' --> 'enable status'

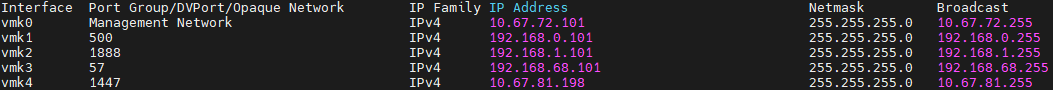
A black screen with white text

Description automatically generated

## 4.3 vmk address



Path to retrieve: commands/esxcfg-vmknic\_-l.txt



## 4.4 vmk tags

A close up of text

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Path to retrieve: commands/esxcfg-info\_-a.txt

A screen shot of a black background

Description automatically generated

## 4.5 vswitch ports

A close-up of a newspaper

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Path to retrieve: commands/dump-cswitch-info.py.txt，vmware-vimdump\_-o----U-dcui.txt，net-stats\_-l.txt

1. search vm name in dump-cswitch-info.py.txt to get the DVPortID

A screenshot of a computer

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1. search DVPortID in vmware-vimdump\_-o----U-dcui.txt

A computer screen shot of a computer code

Description automatically generated

1. search portgroupkey in net-stats\_-l.txt to get portgroup name

A computer screen with text

Description automatically generated

## 4.6 vmnic

A close-up of a number

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Path to retrieve: commands/nicinfo.sh.txt，esxcfg-info\_-a.txt

1. get pci address from nicinfo.sh.txt

A computer screen with text on it

Description automatically generated

1. search pci address in esxcfg-info\_-a.txt to get DID, VID, SDID, SVID

A screen shot of a computer

Description automatically generated

1. search the device compatibility in [VMware HCL](https://www.vmware.com/resources/compatibility/search.php?deviceCategory=io) with the VID, DID, SVID, SDID

A screenshot of a computer

Description automatically generated

## 4.7 vmnic stats

A close up of a number

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Path to retrieve: vsish -c commands/vsi\_traverse\_-s.txt

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Description automatically generated

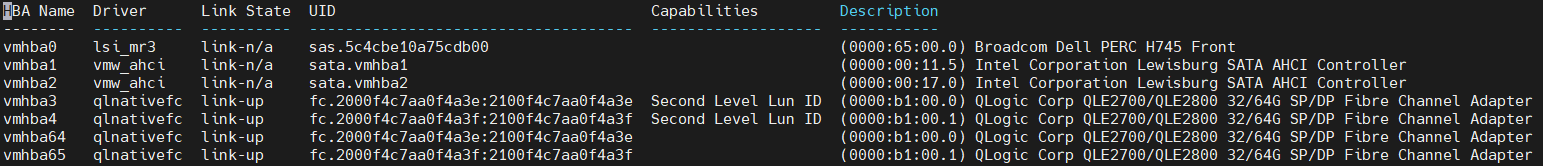
1. Storage

## 5.1 vmhba

**A group of small squares with numbers

Description automatically generated with medium confidence**

Path to retrieve: commands/localcli\_storage-core-adapter-list.txt



search the HBA name (eg, vmhba3) in commands/esxcfg-info\_-a.txt to get VID,DID,SVID,SDID

A screen shot of a computer

Description automatically generated

search the DID, VID, SDID, SVID in [VMware HCL](https://www.vmware.com/resources/compatibility/search.php?deviceCategory=io)

## 5.2 LUN

A number of numbers and symbols

Description automatically generated with medium confidence

Path to retrieve: commands/localcli\_storage-core-device-stats-get.txt

A screenshot of a computer

Description automatically generated

## 5.3 datastore

**A close up of a code

Description automatically generated**

Path to retrieve: commands/localcli\_storage-vmfs-extent-list.txt

A screen shot of a computer

Description automatically generated