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?? VMware ESX 4.1 ??:

* vsd-mount [Failed]

You have entered the recovery shell. The situation you are in may be recoverable.
If you are able to fix this situation the boot process will continue normally after you exit this terminal.

/Bin/SH: cant access TTY job control turned off

????: [ESX fails to boot when the disk containing the datastore with esxconsole.vmdk is detected as a snapshot \(1012142\)](#)

????

1. ?? /root/messages.log

tail -50 /root/messages

?????? /vmfs/volumes/4d9eab94-5b35e5a5.../esxconsole-4d9eaabc-6870-.../esxconsole.vmdk ???

2. ?? /etc/vmware/esx.conf??? esxconsole.vmdk ?????

grep -i cosvmdk /etc/vmware/esx.conf

/boot/cosvmdk="/vmfs/volumes/
4d9eab94-5b35e5a5.../esxconsole-4d9eaabc-6870-.../esxconsole.vmdk"

3. ??? esxconsole.vmdk??????????

find /vmfs/volumes/ -name esxconsole.vmdk

?????? /vmfs/volumes/4d9eab94-5b35e5a5.../esxconsole-4d9eaabc-6870-.../???? esxconsole-
flat.vmdk ?????????? esxconsole ?????????? esxconsole.vmdk ?????????????????????????????????????

????

?? ESX ?????? esxconsole ?????????????????????????????????????? esxconsole.vmdk ??????????

1. ??????? VMFS volume
2. ?? esxconsole.vmdk

???? VMFS volume

?: ?????? ESX ??????????? VMS Volume ???

1. Provide the necessary credentials to access the busy box.
2. Run this command to enable automatic resignaturing of datastores on the host:

```
# esxcfg-advcfg -s 1 /LVM/EnableResignature
```

You must get output similar to:

Value of EnableResignature is 1 .

Note: If the root is mounted as read-only, run the mount -o remount / command to remount the volumes so that they are in a writable state.

3. Run this command to unload the VMFS drivers:

```
# vmkload_mod -u vmfs3
```

4. Run this command to load the VMFS drivers:

```
# vmkload_mod vmfs3
```

5. Run this command to detect new VMFS volumes and resignature the volume:

```
# vmkfstools -V
```

6. Disable resignaturing on the host again (change its value back to 0):

```
# esxcfg-advcfg -s 0 /LVM/EnableResignature
```

7. Run this command to identify the full path of the service console file:

```
# find /vmfs/volumes/ -name esxconsole.vmdk
```

The output appears similar to:

```
/vmfs/volumes/4a14d968-88bf7161-700f-00145ef48f76/  
esxconsole-4a14d906-2f96-7956-7284-00145ef48f74/esxconsole.vmdk
```

Note:

```
?? esxconsole.vmdk ??????????: ?????????? esxconsole.vmdk?
```

```
????????? esxconsole.vmdk
```

```
???: ?? VM ??? (myvm.vmdk)
```

```
???? esxconsole.vmdk ??????????:
```

1. ?? ESX ?? (?: ?????? esxconsole.vmdk ??????????????????????)
2. ?????????????????????? e

3. ??: kernel/vmlinuz?? e ?????? esxconsole.vmdk ?????
/boot/cosvmdk=/vmfs/volumes/
4d9eab94-5b35e5a5.../esxconsole-4d9eaabc-6870-.../esxconsole.vmdk
4. ?????? Enter
5. ?? b ????

????????????????

Note:

?? /etc/vmware/esx.conf ???
/boot/cosvmdk="....."

????????????????

esxcfg-boot -b