



see the diff at the bottom with the changes that were made:

```
~ # /sbin/auto-backup.sh

config implicitly loaded
local.tgz
etc/dropbear/dropbear_dss_host_key
etc/dropbear/dropbear_rsa_host_key
etc/opt/vmware/vpxa/vpxa.cfg
etc/opt/vmware/vpxa/dasConfig.xml
etc/opt/vmware/aam/configBackup.tar.gz
etc/opt/init.d/vmware-aam
etc/sysconfig/network
etc/vmware/hostd/authorization.xml
etc/vmware/hostd/hostsvc.xml
etc/vmware/hostd/pools.xml
etc/vmware/hostd/vmAutoStart.xml
etc/vmware/hostd/proxy.xml
etc/vmware/ssl/rui.crt
etc/vmware/ssl/rui.key
etc/vmware/vmkiscsid/initiatorname.iscsi
etc/vmware/vmkiscsid/iscsid.conf
etc/vmware/config
etc/vmware/dvsdata.db
etc/vmware/esx.conf
etc/vmware/license.cfg
etc/vmware/locker.conf
etc/vmware/snmp.xml
etc/vmware/vmware.lic
etc/dhclient-vmk0.leases
etc/group
etc/hosts
etc/inetd.conf
etc/chkconfig.db
etc/passwd
etc/random-seed
etc/resolv.conf
etc/shadow
etc/syslog.conf
etc/sfcb/repository/root/interop/cim_indicationfilter.idx
etc/sfcb/repository/root/interop/cim_indicationhandlercimxm
l.idx
etc/sfcb/repository/root/interop/cim_listenerdestinationcim
xml.idx
etc/sfcb/repository/root/interop/cim_indicationsubscription
.idx
--- /etc/opt/vmware/vpxa/vpxa.cfg Wed Jun 23 18:48:34 2010
+++ /tmp/auto-backup.26548.dir/etc/opt/vmware/vpxa/vpxa.cfg
Wed Jun 23 18:47:00 2010
@@ -8,11 +8,6 @@
<maxfilenum>10</maxfilenum>
<maxfilesize>1048576</maxfilesize>
<outputtoconsole>>false</outputtoconsole>
- <outputToSyslog>>false</outputToSyslog>
- <syslog>
- <ident>vpxa</ident>
- <facility>local4</facility>
- <syslog>
</log>
<nfc>
<loglevel>error</loglevel>
config implicitly loaded
Saving current state in /bootbank
Clock updated.
Time: 18:48:38 Date: 06/23/2010 UTC
```

Once the backup has completed, you will need to reboot the host before the configuration can take effect. Once your host is back online, if you take a look at the logs on your syslog server, you will notice now that vpxa logs are also being captured:

```
2010-06-23 18:48:38.000 [vpxa] INFO: Saving current state in /bootbank
2010-06-23 18:48:38.000 [vpxa] INFO: Clock updated.
2010-06-23 18:48:38.000 [vpxa] INFO: Time: 18:48:38 Date: 06/23/2010 UTC
```

## vExpert 2010



### Disclaimer

The views and opinions expressed on this blog are my own and does not reflect the views and opinions of my employer.



Hopefully VMware resolves this, because this is definitely a bug and can be a painful one to remediate, especially if you are managing a few hundred ESXi hosts.

Thanks to aenagy for the information.

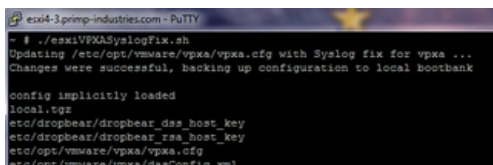
#### UPDATE:

After the blog post, I received a few questions:

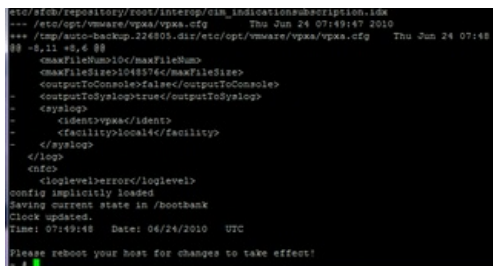
1) The first question was if the modification would persist from an upgrade and I can confirm it does. My test was originally from an ESXi 4.0u1 and after the change, I upgraded the host using VUM to 4.0u2 and the changes were preserved. The reason for this is because the /sbin/auto-backup.sh was executed which backs up the ESXi configuration and is reloaded upon every reboot including upgrades.

2) The other question was around automating this change and the answer is yes! Assuming you have SSH access enabled on your ESXi host, you can use the following "ash" script (ESXi does not have a bash) to push the changes out to your host.

You can download the script here called [esxiVPXASyslogFix.sh](#) and make sure you have the right permissions on the script to execute.



The script will first check to see if the entry exists, if it does not, it will then update the vpxa.cfg and automatically /sbin/auto-backup.sh



Once the backup has completed, you will see a message that asks you to reboot the host for the changes to take effect.

Posted by William at 9:36 PM



Labels: [esxi4](#), [syslog](#), [vpxa](#)

#### 3 COMMENTS :

**Tom Howarth** said...

is there anyway this change could be automated by a script?

**June 24, 2010 12:35 AM**



**William** said...

Tom,

Definitely! I'll have an update for you tonight. This should be pretty simple, assuming SSH is enabled on the ESXi host.

—William

**June 24, 2010 12:10 PM**

 **Tom Howarth** said...

Yeah simple for a scripting god like yourself maybe, neigh on imposible for mere mortals like myself :D

**June 27, 2010 2:02 PM**

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