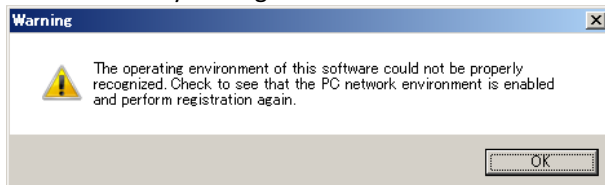# Technical Information

Security & Systems Business Division

## Subject: WV-ASC970 Key Management tool does not work.

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1. Issue
- WV-ASC970 Key Management tool failed to connect WV-ASC970.

2. Cause of Issue
-    Network I/F name is wrong. WV-ASC970 using " eth 0, eth1, eth2 " for the network device name. but some of PC

   using different device name , such as " em1 ,em2,em3 " or others.

-    Package installed by default with RHEL 6.x called "biosdevnames". This overrides udev in naming eth0.
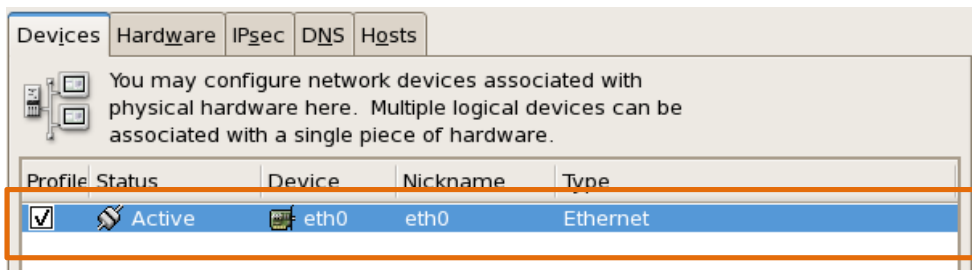
3. Related version

Using with Redhat Enterprise linux ver.6 or later. With DELL Server.

4. Countermeasure
- Device name should be use "eth0 , eth1 , eth2 " otherwise WV-ASC970 does not work properly.
- Change device name to " eth0 ,eth1,eth2 "

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<Example > Ho w to change Device Name.

1. Log in to the WV-ASC970 server PC by "root" user.   Input rpm -a | grep biosdevnames To find the package name then Rpm -e --nodeps [package name] To remove it.

2. Added the following line to /etc/grub.conf to stop the kernel renaming: Biosdevname=0

3. Reboot PC and

4. Log in to the WV-ASC970 server PC by "root" user. Edit " /etc/udev/rules.d/70-persistent-net.rules "as below.

<Before>

```
[root@localhost~] # vi /etc/udev/rules.d/70-persistent-net.rules

# PCI device 0x14e4:0x163a (bnx2)
SUBSYSTEM=="net", ACTION=="add", DRIVERS=="?*", ATTR{address}=="00:21:5e:88:3a:38", ATTR{type}=="1", KERNEL=="eth*",
NAME="em0"

# PCI device 0x14e4:0x163a (bnx2)
SUBSYSTEM=="net", ACTION=="add", DRIVERS=="?*", ATTR{address}=="00:21:5e:88:3a:3a", ATTR{type}=="1", KERNEL=="eth*",
NAME="em1"
```

Change NAME ="em0" to Change NAME ="eth0"
Change NAME ="em1" to Change NAME ="eth1"

< After >

```
[r[root@localhost~] # vi /etc/udev/rules.d/70-persistent-net.rules

# PCI device 0x14e4:0x163a (bnx2)
SUBSYSTEM=="net", ACTION=="add", DRIVERS=="?*", ATTR{address}=="00:21:5e:88:3a:38", ATTR{type}=="1", KERNEL=="eth*",
NAME=" eth0 "

# PCI device 0x14e4:0x163a (bnx2)
SUBSYSTEM=="net", ACTION=="add", DRIVERS=="?*", ATTR{address}=="00:21:5e:88:3a:3a", ATTR{type}=="1", KERNEL=="eth*",
NAME=" eth1 "
```

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