HOW TO FIX SHUTDOWN ISSUE ON VMA 5.0.0.1 AND VMA 5.0.0.2

TABLE OF CONTENT

BUG DESCRIPTION

Regarding the release note of VMware, you can see there is a known issue for the vMA using "**LWP::UserAgent**" perl module with a version <u>older than</u> **6.04**:

- http://www.vmware.com/support/developer/vcli/vcli501/vsp5_501_vcli_relnotes.html

When the script is executed you will run into an SSL/Certificate issue with this type of error message:

```
Server version unavailable at 'https://<server>/sdk/vimService.wsdl' at
/usr/lib/perl5/5.8.8/VMware/VICommon.pm line 545
```

On the vMA, you can check the version of the module with the following command line:

```
# perl -MLWP::UserAgent -e 'print "$LWP::UserAgent::VERSION\n"'
```

When you test the shutdown script through the ULNM web interface, nothing happens.

RESOLUTION

In order to fix the bug, please follow those steps:

1. Download the perl script including the patch on DELL website
    - http://dellups.com/...

2. Copy the perl script from your computer to the vMA (with winSCP or scp command line)

3. Move the perl script in the application bin folder
   '**/usr/local/Dell/UPSLocalNodeManager/bin/virt_tools/**':

```
# mv shutdownEsxi.pl /usr/local/Dell/UPSLocalNodeManager/bin/virt_tools/
```

4. Go to this script folder:

```
# cd /usr/local/Dell/UPSLocalNodeManager/bin/virt_tools/
```

5. Test the script with the command line in the documentation:

```
# perl shutdownESXi.pl --server esxi01.domain.com --username root --password
SecretP@ss
```

ADVANCED RESOLUTION

Once you are sure that the "**LWP::UserAgent**" perl module version is older than the expected one, you can directly modify the existing "**shutdownESXi.pl**" script in

"**/usr/local/Dell/UPSLocalNodeManager/bin/virt_tools/**" folder without having to download the workaround. You can simply add the following at the beginning of the existing "shutdownESXi.pl" script:

```
#!/usr/bin/perl -w
#####################
.
.
.
$ENV{PERL_LWP_SSL_VERIFY_HOSTNAME} = 0;
.
.
```

Note:

For information, the difference between that simple line modification and our script modification is that in our script, we are doing a full perl module version test, and that we accordingly set the windows environment variable called 'PERL_LWP_SSL_VERIFY_HOSTNAME' to the correct value.