

Upgrade UniVirStore Manager to next version on Mars 400

When the new version of UVS manager released and you want to update to the latest version. You must upgrade version by version.

For example, if the current UVS version is v2.0.12 and you want to upgrade to the latest version v2.0.14. You have to upgrade it to v2.0.13 first. After upgrading to v2.0.13, you could upgrade to v2.0.14 from v2.0.13.

Please follow the steps:

1. Before we get started, prepare **two** sessions of **node 0(first node) on Mars400**. One for **root** account and another for **admin** account (password of admin is also admin). The **root** session looks like a normal console, but in the **admin** session, you'll get details of Mars 400.

```
$ ssh root@192.168.1.111
Last login: Wed May 15 06:23:20 2019 from 192.168.1.36
[root@node111-17a2e ~]#
```

```
Wed, 15 May 2019 06:23:20 +0000

MARS400 Version 2.0-13
Node: node111-17a2e 192.168.1.111
Node Number(Board ID): 0

Main Menu
  Q. Quit
  1. Shutdown
  2. Reboot
  3. Change Password
  4. Network Configuration
  5. Change Time Zone
  6. Update
  7. Network Diagnostics
  8. CEPH Diagnostics
Enter Option :
```

2. Check the current UVS version from **admin** session.

The picture point out that UVS version of Mars400 is 2.0-13.

```
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Enter Option :
```

3. In the **root** session, create a directory for downloading upd file.

- Create a directory to store upd file and named it as **mars200update**

```
# mkdir -p /var/www/html/mars200update
```

- Upload the upd file into **mars200update** from your PC.

```
# scp ${REMOTE_HOST}:/tmp/2.0-14.upd
/var/www/html/mars200update/2.0-14.upd
```

- Check the upd file existst

```
# ls -l /var/www/html/mars200update/
```

```
[root@node111-17a2e ~]# mkdir -p /var/www/html/mars200update
[root@node111-17a2e ~]# scp ${REMOTE_HOST}:/tmp/2.0-14.upd /var/www/html/mars200update/2.0-14.upd
Warning: Permanently added '192.168.1.111' (ECDSA) to the list of known hosts.
2.0-14.upd 100% 22MB 31.7MB/s 00:00
[root@node111-17a2e ~]# ls -l /var/www/html/mars200update/2.0-14.upd
-rwxr-xr-x 1 root root 22996806 May 15 07:00 /var/www/html/mars200update/2.0-14.upd
```

4. Upgrade the UVS version from the **admin** session.

Select the **function 6 “Update”** & type the IP address of **node 0**.

About a minute, UVS Manager will upgrade to the next version.

Wed, 15 May 2019 06:23:20 +0000

MARS400 Version 2.0-13

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Node Number(Board ID): 0

Main Menu

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Enter Option : 6

Update Server Name/IP? :192.168.1.111

21650K	96%	92.1M	0s
21700K	96%	96.1M	0s
21750K	.....	97%	84.0M	0s
21800K	.....	97%	89.9M	0s
21850K	.....	97%	95.0M	0s
21900K	.....	97%	93.3M	0s
21950K	.....	97%	82.6M	0s
22000K	.....	98%	92.3M	0s
22050K	.....	98%	96.1M	0s
22100K	.....	98%	94.1M	0s
22150K	.....	98%	86.2M	0s
22200K	.....	99%	92.8M	0s
22250K	.....	99%	93.4M	0s
22300K	.....	99%	74.4M	0s
22350K	.....	99%	77.4M	0s
22400K	.....	99%	98.5M	0s
22450K	.....	100%	92.0M=0.3s	

2019-05-15 07:06:43 (71.4 MB/s) - '/tmp/2.0-14.upd' saved [22996806/22996806]

Exit status : 0

Done

Decrypting Update...Done

Extracting Update...Done

Running Pre Execution Task...Done

Updating Files...Done

Running Post Execution Task...Done

Updated Successfully to Version 2.0-14...Done

Final Cleanup...Done

Press enter key to continue....

5. Repeat the steps to another nodes until all 8 nodes are upgraded.