

0x0102c1a0 [0,0]

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<http://www.dell.com/support/troubleshooting/us/en/555/Product/poweredge-2900>

Bios upgrade

```
root@dev:/home/dpavlin# apt-get install libsmbios-bin
```

```
root@dev:/home/dpavlin# getSystemId
Libsmbios:      2.0.3
System ID:      0x01B1
Service Tag:    F2YJY3J
Express Service Code: 32830704991
Product Name:   PowerEdge 2900
BIOS Version:   2.3.1
Vendor:         Dell Inc.
Is Dell:        1
```

```
root@dev:/home/dpavlin# wget http://linux.dell.com/repo/firmware/bios-hdrs/system_bios_ven_0x1028
--2013-02-25 16:12:16-- http://linux.dell.com/repo/firmware/bios-hdrs/system_bios_ven_0x1028_dev
Resolving linux.dell.com (linux.dell.com)... 143.166.224.62
Connecting to linux.dell.com (linux.dell.com)|143.166.224.62|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 1048668 (1.0M) [text/plain]
Saving to: `bios.hdr'
```

100%[=====

```
2013-02-25 16:12:18 (571 KB/s) - `bios.hdr' saved [1048668/1048668]
```

```
root@dev:/home/dpavlin# modprobe dell_rbu
```

```
root@dev:/home/dpavlin# dellBiosUpdate -u -f bios.hdr
Supported RBU type for this system: (MONOLITHIC, PACKET)
Using RBU v2 driver. Initializing Driver.
Setting RBU type in v2 driver to: PACKET
writing (4096) to file: /sys/devices/platform/dell_rbu/packet_size
Writing RBU data (4096bytes/dot): .....
Done writing packet data.
Activate CMOS bit to notify BIOS that update is ready on next boot.
Update staged successfully. BIOS update will occur on next reboot.
```

```
root@dev:/home/dpavlin# reboot
```

Dell PARC 6/i firmware update

Unzip windows update and flash it with:

```
root@dev:/home/dpavlin/DELL_PERC-6-I-INTEGRATED_A11_R216024# megacli -AdpFwFlash -f FW612II.rom -
```

```
Adapter 0: PERC 6/i Integrated
Vendor ID: 0x1000, Device ID: 0x0060
```

Package version on the controller: 6.0.3-0002
Package version of the image file: 6.2.0-0013
Download Completed.
Flashing image to adapter...
Adapter 0: Flash Completed.
Please reboot the system for the changes to take effect

Exit Code: 0x00