



June 14, 2007

Re: Licenses of HP Symantec products expiring in 2007

Dear customer:

Thank you for choosing HP Symantec Products for your file system and volume management needs.

This letter is to inform customers that certain HP Symantec product licenses may expire¹ in 2007 and hence need to be re-installed, only if they were installed from one of the following media:

- o HP-UX 11.00 media
- o HP-UX 11i v1 application media dated before September 2005
- o HP-UX 11i v2 application media dated before June 2005
- o HP-UX 11i v1 OE media dated before September 2005
- o HP-UX 11i v2 OE media dated before June 2005

The license expiration issue impacts only the following four licensed HP Symantec products:

- o Veritas Volume Manager B9116AA
- o Veritas Cluster Volume Manager B9117AA
- o Veritas FlashSnap/Fast Mirror Resync option B9118AA
- o HP OnlineJFS (B3929CA, B3929DA and B5118CA)

(I) Resolution For Customers on Support²

New permanent licenses for these products have been shipped in later application CDs and OE media. The table below indicates which media to use to re-install the permanent licenses, in case of any impacted products; it is necessary to select and reinstall only the four HP Symantec products as mentioned above. If any assistance is required please contact HP-UX Support.

Product	Version	Description	Products originally installed from:	Reinstall permanent license from:
B3929CA / B5118CA	3.3	OnlineJFS3.3	11.00 media	Please contact HP Licensing for permanent license as given at the bottom of this letter

¹ To verify if your license will be affected, use the command vxlicense -p as explained on Page 3

² For Customers not on Support please refer to page 5 for information on resolution

B3929CA / B5118CA	3.3	OnlineJFS3.3	HP-UX 11i v1 application CDs	HP-UX 11i v1 application CDs dated September 2005 or later.
B3929CA / B ³ 5118CA	3.3	OnlineJFS3.3	HP-UX 11i v1 OE media	HP-UX 11i v1 OE media dated September 2005 or the updated OE media.
B3929DA	3.5	OnlineJFS3.5	HP-UX 11i v1 application CDs	HP-UX 11i v1 application CDs dated September 2005 or later.
B3929DA	3.5	OnlineJFS3.5	HP-UX 11i v1 OE media	HP-UX 11i v1 OE media dated September 2005 or the updated OE media.
B3929DA	3.5	OnlineJFS3.5	HP-UX 11i v2 application CDs	HP-UX 11i v2 application CDs dated June 2005 or later.
B3929DA	3.5	OnlineJFS3.5	HP-UX 11i v2 OE media	HP-UX 11i v2 OE media dated June 2005 or the updated OE media.
B9116AA	3.1/3.2	Veritas Volume Manager	HP-UX 11i v1 application CDs	Please contact HP Licensing for permanent license as given at the bottom of this letter
B9117AA	3.1/3.2	Veritas Cluster Volume Manager	HP-UX 11i v1 application CDs	Please contact HP Licensing for permanent license as given at the bottom of this letter
B9118AA	3.1/3.2	Veritas FlashSnap/Fast Mirror Resync option	HP-UX 11i v1 application CDs	Please contact HP Licensing for permanent license as given at the bottom of this letter
B9116AA	3.5	Veritas Volume Manager	HP-UX 11i v1 application CDs	HP-UX 11i v1 application CDs dated September 2005 or later.
B9117AA	3.5	Veritas Cluster Volume Manager	HP-UX 11i v1 application CDs	HP-UX 11i v1 application CDs dated September 2005 or later.
B9118AA	3.5	Veritas FlashSnap/Fast Mirror Resync option	HP-UX 11i v1 application CDs	HP-UX 11i v1 application CDs dated September 2005 or later.

Where applicable, HP customers are requested to install the permanent licenses. Please note that only the licensed products need to be reinstalled. There is no need to reinstall either the Base-VxVM or the JFS (Base-VxFS) products. The system will not be rebooted while installing the licensed products if the dependent software is already installed. If the dependent software is not installed, to avoid rebooting, use the following option while installing:

swinstall -x autoselect dependencies=false -x enforce dependencies=false -s <depot>

The following command helps verify if the product license is expiring, and hence needs to be reinstalled from the later applications CDs or OE media as applicable.

During verification on systems with one or more of these products installed, the **vxlicense -p** command reports the following:

```
vrts:vxlicense: INFO: Feature name: HP_OnlineJFS
vrts:vxlicense: INFO: Number of licenses: 1 (non-floating)
vrts:vxlicense: INFO: Expiration date: Sun Jun 24 2007
vrts:vxlicense: INFO: Release Level: 22
vrts:vxlicense: INFO: Machine Class: All
vrts:vxlicense: INFO: Site ID: 0
```

```
vrts:vxlicense: INFO: Feature name: VxVM [95]
vrts:vxlicense: INFO: Number of licenses: 1 (non-floating)
vrts:vxlicense: INFO: Expiration date: Sun Jul 15 13:30:00 2007
vrts:vxlicense: INFO: Release Level: 25
vrts:vxlicense: INFO: Machine Class: All
vrts:vxlicense: INFO: Site ID: 0
```

```
vrts:vxlicense: INFO: Feature name: CVM [68]
vrts:vxlicense: INFO: Number of licenses: 1 (non-floating)
vrts:vxlicense: INFO: Expiration date: Sun Jul 15 13:30:00 2007
vrts:vxlicense: INFO: Release Level: 30
vrts:vxlicense: INFO: Machine Class: All
vrts:vxlicense: INFO: Site ID: 0
```

```
vrts:vxlicense: INFO: Feature name: 62
vrts:vxlicense: INFO: Number of licenses: 1 (non-floating)
vrts:vxlicense: INFO: Expiration date: Sun Jul 15 13:30:00 2007
vrts:vxlicense: INFO: Release Level: 31
vrts:vxlicense: INFO: Machine Class: All
vrts:vxlicense: INFO: Site ID: 0
```

After reinstalling the products, **vxlicense -p** will display:

```
vrts:vxlicense: INFO: Feature name: HP_OnlineJFS [50]
vrts:vxlicense: INFO: Number of licenses: 1 (non-floating)
vrts:vxlicense: INFO: Expiration date: No expiration date
vrts:vxlicense: INFO: Release Level: 22
vrts:vxlicense: INFO: Machine Class: All
```

vrts:vxlicense: INFO: Site ID: 0

*vrts:vxlicense: INFO: Feature name: VxVM [95]
vrts:vxlicense: INFO: Number of licenses: 1 (non-floating)
vrts:vxlicense: INFO: Expiration date: No expiration date
vrts:vxlicense: INFO: Release Level: 25
vrts:vxlicense: INFO: Machine Class: All
vrts:vxlicense: INFO: Site ID: 000001*

*vrts:vxlicense: INFO: Feature name: CVM [68]
vrts:vxlicense: INFO: Number of licenses: 1 (non-floating)
vrts:vxlicense: INFO: Expiration date: No expiration date
vrts:vxlicense: INFO: Release Level: 22
vrts:vxlicense: INFO: Machine Class: All
vrts:vxlicense: INFO: Site ID: 0000001*

*vrts:vxlicense: INFO: Feature name: 62
vrts:vxlicense: INFO: Number of licenses: 1 (non-floating)
vrts:vxlicense: INFO: Expiration date: No expiration date
vrts:vxlicense: INFO: Release Level: 31
vrts:vxlicense: INFO: Machine Class: All
vrts:vxlicense: INFO: Site ID: 000001*

Please contact your local HP-UX support representative, should you require further assistance or need more information on the above procedure.

(II) Resolution For Customers NOT on Support for:

- OnlineJFS 3.3 (B3929CA/ B5118CA) on HPUX 11.00
- OnlineJFS 3.3 (B3929CA/ B5118CA) on 11i v1
- OnlineJFS 3.5 (B3929DA) on 11i v1
- OnlineJFS 3.5 (B3929DA) on 11i v2
- Veritas Volume Manager 3.1/3.2/3.5 (B9116AA) on 11i v1
- Veritas Cluster Volume Manager 3.1/3.2/3.5 (B9117AA) on 11i v1
- Veritas Volume Manager FastResync option 3.1/3.2/3.5 (B9118AA) on 11i v1

Please submit your request online to get the permanent license at Software License Manager Web site: <http://licensing.hp.com>

Alternatively, please contact one of the Hewlett Packard Regional Licensing centers as listed below.

Hewlett Packard Regional Licensing Centers

Americas

Phone: +1 (408) 4474367 (USA) or +1 (800) 5381733

Fax: +1 (408) 4475291 (USA) or +1 (800) 5412633

Email: hplicense.na@hp.com

Business hours: Monday to Friday 6:00am – 4:30pm PST

Europe, Middle East & Africa

Phone: +353 (0)91 75 40 06 (Ireland)

Fax: +353 (0)91 70 10 02 (Ireland)

Email: codeword_europe@hp.com

Business hours: Monday to Friday 8:30am-5:30pm GMT

Asia Pacific & Japan

Phone: +81.426.489312 (Japan) or 0120.42.1231

Fax: +81.426.48.6279(Japan) or 0120.52.1231 or +800.2052.1231 Toll Free from AP countries except from India, Indonesia, Vietnam and Japan

Email: sw_codeword@hp.com

Business hours: Monday to Friday 9.00am-5:30pm GMT+9

Should you require further assistance or need more information, please contact your local HP-UX support representative.

We would like to thank you for choosing HP Symantec products. We appreciate your business and look forward to serving your needs in the future.

Sincerely,
Hewlett Packard