



TO : VMS Champions

SUBJECT: VMS update #1 : December 2011

Firstly best wishes for the holiday season and very warm wishes for 2012! This is our first issue of OpenVMS update brought to you by OpenVMS customer programs office in FY 2012. Our endeavor is to give information that will be useful and gainful for you.

I trust that you all like this format which helps you get a quick glance of all the contents in this issue. Click on the pointers below and read on.

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Don't miss the HP OpenVMS blog on [OpenVMS](#) , [OpenVMS blogs](#)

big thank you to all who contributed to this edition of the OpenVMS update. Keep contributing to the OpenVMS business. Big thanks to Sue for her inputs too.

To unsubscribe write into : OpenVMS.programs@hp.com



Season's Greetings and Best wishes for 2012,

Sujatha

Global Lead - Customer Programs

1. **OpenVMS Engineering update :**

- a. **TUDs** in EMEA is were completed in October 2011. The engineering team met over 250 customers during this event and brought in valuable information that the customers shared. It is so heartening to see the number of customers increasing every year for these events. We look forward to doing more TUDs in 2012 and meet many more OpenVMS customers.
- b. **The boot camp 2011:** The OpenVMS boot camp was held in USA in September 2011. Over 150 customers participated and made it a huge success. The OpenVMS engineers from the lab conducted many sessions and contributed to the event. the team from connect deserves a round of applause for putting up this show!
- c. **OpenVMS GNV released**
HP is pleased to announce the release of GNV version 3.0-1. GNV V3.0-1 has upgrades for 16 packages to the latest GNU level out of 24 total packages, including 81 component upgrades and 25 new components. This release is specifically targeted for the upgrades of the packages to the latest GNU level, for

both Alpha and Integrity. Going forward we intend to invite contributions from the world wide OpenVMS community to enrich GNV with their knowledge and experience. We invite you all to take GNV to the next level.

New Features in GNV Version 3.0-1

- GNV Version 3.0-1 packages - In GNV Version 3.0-1, 16 packages are upgraded to the latest GNU level out of 24 total packages. The remaining eight packages are not upgraded from GNV version 2.1-3.
- GNU tar (gnutar) - tar invokes the gnutar not the VMSTAR, as the most common usage is for OpenSource tarballs. To invoke VMSTAR, use VMSTAR keyword instead of tar.

Note: This release retains gnutar binary compatibility with any scripts that currently uses gnutar.

- Build - Complete GNV build areas are packaged into the PCSI kit as backup save set (GNV_SOURCE.BCK).

Bug fixes Since Version 2.1-3

- GNV setup - The result of pwd command does not display the same directory on the subshell and the main shell. Therefore, in the GNV\$STARTUP.COM, SYS\$POSIX_ROOT logical is defined as /TRANSLATION=CONCEALED. Now, the pwd command displays the same directory on the subshell and the main shell.
- GNV setup - A system crash occurs, if the BIN logical is not defined to GNU:[BIN] in [LIB]GNV_SETUP.COM. Now, the BIN logical is created in the process table by the [LIB]GNV_SETUP.COM. By default, the BIN logical is defined in the SYS\$SYSTEM.
 - bash - Sometimes bash does not clean the SYS\$LOGIN:SH*.; temporary files. Instead it creates a new version without deleting the older versions. Now, SYS\$LOGIN:SH*.; temporary files are deleted.
 - cc - The following problems are observed:
cc wrapper library lookup is unable to process any OpenVMS symbolic link and search the OpenVMS library such as TCPIP\$LIBRARY:TCPIP\$LIB.OLB. Now, the cc wrapper

library lookup can process OpenVMS symbolic link and search the OpenVMS library.

- The fix for -input_to_ld parameter to cc GNV wrapper is not able to process correctly . Instead the - input_to_ld parameter generates /OPT=file. Now, the
 - cc GNV wrapper appends the ",\n`pwd` <file>/opt" after SYS\$INPUT:/OPT.
- ld - Linker wrapper ld does not match the linking order to Linux linking order. Now, linker wrapper ld matches the linking order to Linux linking order.

Note: auto_symvec parameter is used only for linking and is valid only on ld command.

Kits are also available at the HP OpenVMS website.

<http://h71000.www7.hp.com/opensource/gnv.html> GNV Web on sourceforge:

<http://gnv.sourceforge.net/index.html>

For any GNV help and discussion: Please Subscribe to the mailing list:

<https://lists.sourceforge.net/lists/listinfo/gnv-help>. To contribute to GNV: Please

Subscribe to the mailing list: <https://lists.sourceforge.net/lists/listinfo/gnv-develop>

d. **New installation media released for the OpenVMS V8.4 Operating Environment**

The OpenVMS Version 8.4 for Integrity i2 servers (BA322-10031) is an additional OpenVMS OE installation DVD, offered as a convenience for installing the OpenVMS V8.4 operating environment on rx2800 i2 Integrity servers. This is also provided as an ISO image through electronic delivery channels, to both new customers and existing customers subscribed to the software updates service for OpenVMS.

Problem addressed

The procedure for installing OpenVMS on rx2800 i2 Integrity servers using the original OpenVMS Version 8.4 OE install DVD dated June 2010 is complex, requires multiple steps and possible manual intervention. These are described in the release notes for the OpenVMS Integrity servers Version 8.4 update 500 kit. Additionally, performance issues could be seen while installing OpenVMS on rx2800 i2 Integrity servers that are equipped with some of the newer SATA DVD drive models.

The new OE installation DVD overcomes all these issues by automatically installing the latest hardware enablement patch level required for rx2800 i2 Integrity servers, and thus offers the standard OpenVMS installation experience on rx2800 i2 Integrity servers.

The new OE installation DVD also successfully installs the OpenVMS operating environment on all supported Integrity systems, besides rx2800 i2 Integrity servers.

Distribution

This DVD is included in all new purchases of the OpenVMS Integrity Version 8.4 OE. If a physical media kit is requested, then the new DVD is included in the physical kit delivered to the customer. If electronic delivery is requested, which is the default in most countries, then an ISO image of this DVD is provided with the purchase.

As a courtesy to existing OpenVMS I64 V8.4 OE customers with a valid Software Updates Service contract, the new DVD is included in the November 2011 quarterly update. An ISO image of the DVD is included with electronic software update delivery. Note that physical software update kits must be requested from the HP Support Center login, and are no longer shipped automatically.

This installation media is not applicable to the OpenVMS Alpha platform.

- e. **Notification on VMS VAX support:** We would like to inform you that beginning Jan 1st 2013, OpenVMS OS and LPs on VAX will move to MPS (Mature Product Support) without sustaining engineering. This has been updated in the OpenVMS support matrix at http://h71000.www7.hp.com/openvms/openvms_supportchart.html in June 2011. HP would continue to support its OpenVMS customers with migration assistance. You may contact HP Services for any further information”

- f. **HP OpenVMS migration software:** HP OpenVMS migration software OMSAIS is now available with improved performance for HP OpenVMS V8.4 for Integrity servers. HP OMSAIS includes two components:
 - Alpha server systems Environment Software Translator (AEST) - an HP OMSAIS utility that translates executable and shareable HP OpenVMS Alpha Server systems images into functionally equivalent images that run on HP

OpenVMS on Integrity servers. A translated image is an HP OpenVMS Integrity server image containing both Alpha Server systems code that is translated into Integrity server code, as well as the original HP OpenVMS Alpha Server systems image.

- Translated Image Environment (TIE) - a software component that provides the runtime environment for translated image execution.

Please refer below URL for more information and download the software.

<http://h71000.www7.hp.com/openvms/products/omsva/omsais.html>

Note: HP OMSAIS support is available on an "as is" basis.

2. Partner Page:

a. Winnili net: <http://winnili.net>

It's an OpenVMS I64 remote access cluster initiative, for those who would like to get acquainted with a modern OpenVMS (cluster) system.

b. Parsec: Parsec is happy to offer OpenVMS trainings to those who need it. To know more about Parsec, please visit www.parsec.com Also, the OpenVMS training schedule is available at <http://www.parsec.com/training/openvms/schedule.php> .

c. CA Technologies:

CA's OpenVMS System Management Products now support CHARON-VAX and CHARON-AXP

CA Technologies (NASDAQ: CA) has announced their technology partnership with Stromasys SA. The potential for business interruption becomes a real concern as hardware ages and becomes expensive to maintain. Charon emulators allow customers to replace their aging hardware with state-of-the-art systems that can help reduce both maintenance expense and floor space. With Stromasys' emulators, CHARON-VAX and CHARON-AXP, customers can extend the use of HP OpenVMS VAX and AlphaServer applications by enabling them to be transferred to commodity hardware platforms with minimal conversion effort. CA 's OpenVMS system management products can be easily migrated to your new

environment. CA supports VAX and AlphaServer versions with the following suite of products:

- CA Console Management for OpenVMS
- CA Job Management for OpenVMS
- CA Performance Management for OpenVMS
- CA System Watchdog for OpenVMS
- CA NSM System Monitoring Option for OpenVMS

CA Customers should check with their CA representative regarding licensing and support in this emulated environment. For more information go to ca.com/OpenVMS.

CA Job Management for OpenVMS Release 3.1 Beta Program

CA is pleased to invite you to participate in the CA Job Management for OpenVMS Release 3.1 Beta Program. Your participation offers you the ability to validate CA Job Management for OpenVMS Release 3.1 in your own environment, allowing you to give us feedback on product enhancements, quality, and the Beta Program.

Your contribution to this critical product test cycle is directly related to the success of the generally available (GA) release of CA products and ensures we deliver solutions that are ready to meet your real-world requirements. As a participant in the Beta Program, you will communicate directly with the Beta Research and Development team to investigate and address any reported problems, questions, or comments.

Key Features:

- Job record field size extensions
- Support for Internet Protocol version 6 (IPv6)
- Auditing and logging enhancements
- Product performance improvements

For more information and to register for the CA Job Management for OpenVMS Beta, use the following url:

<http://supportconnectw.ca.com/public/beta/jobmgtvms31/jobmgtvms31beta.asp>.

For more information on CA's Enhanced Beta Programs and Participation Requirements, please visit www.ca.com/betas

d. Compinia GmbH & Co. KG

A new version of HP PERFDAT for OpenVMS V4.5 as well as a new version of the HP PERFDAT GUI V4.3 have been released.

HP PERFDAT is an OpenVMS performance and capacity planning solution developed by HP. A complete suite of highly automated collection, filtering, charting and trend analysis capabilities provide the user with accurate and complete performance information for effective performance lifecycle management. This new version of HP PERFDAT supports OpenVMS Alpha from V7.3-2 to V8.4 as well as OpenVMS IA64 from V8.2 to V8.4. New SYSTEM alignment fault statistics have been introduced in this version, as well as a series of bug fixes. The new version of the HP PERFDAT GUI V4.3 now fully supports Windows 7. The HP PERFDAT GUI V4.3 graphics library has been redesigned in order to make the GUI Windows 7 aware and to speed up the graph print, store and format conversion processing.

All the above mentioned kits and documentation can be downloaded from <http://www.perfdat.com>. You can test drive HP PERFDAT for 30 days before requiring a license.

e. Migration specialties : Please see attached the newsletter from Migration specialties.

3. Community news!

a. You may like this :-

http://electronicdesign.com/departments/halloffame.aspx?cid=ed_newsletter&NL=1&YM_RID

b. Mission-Critical Innovation Awards winners named

Martin Fink, HP, and Peter Gleissner, Intel, hosted the Mission-Critical Innovation Awards on November 28 in Vienna. Gravic, PinkRoccade Healthcare, University Hospitals and Secure64 were category winners for employing HP/Intel

technologies to address mission-critical computing challenges within some of the world's most complex applications.

Under the category of Humanitarian / Environmental Impact, one finalist was an OpenVMS customer: Purvis systems

Purvis Systems: The Fire Department of New York City (FDNY) is the world's largest, serving a city of more than 8 million people. FDNY's mission-critical dispatch system supports 11,275 uniformed fire personnel in 221 firehouses, and 500 vehicles. Purvis Systems successfully ported the dispatch to an Integrity server platform while updating their preferred OS, OpenVMS, with very few issues. FDNY now reports zero downtime due to hardware failure - a critical metric when lives are at stake.

- c. Roland Huges (http://www.theminimumyouneedtoknow.com/roland_hughes.html) has announced on Comp.Os.VMS (<https://groups.google.com/forum/#!topic/comp.os.vms/3LqxzSzvQ4g>) that he is doing technology blogging for the Motley Fool web site.

Happy Holidays!