June Newsletter

Greetings all,
Hope you are looking forward to hearing the new Power10 announcements in July? I think you will find that the Power10 portfolio has suddenly got much more interesting, with both the new hardware and the "Enterprise" features now available throughout the range.

A few updates to share
- IBM Support team has been very proactive this year, coming out with quite a number of useful tips and tricks aimed at helping you to avoid needing support in the first place, or if you do, how to quickly reach a resolution. A quick summary below.
- We are aiming for the ASEAN Power (AIX, i, Linux) meetup to be held towards the end of July and to focus on Power10 and Linux – we hope you will be able to join us. As background I have had some successful discussions with AIX / i administrators encouraging them to move some of their companies Linux workloads on to their existing Power infrastructure. More and more applications now run on Linux on Power and using spare Power resources only improves the bottom line (and performance!).

Quick bites

AIX LED 554 hang reminder
Chris Smith from the support centre has provided a timely reminder of the old '554 hang'. This can often happen after an AIX upgrade or migration, and can be caused by the fact that default attributes (disk in this case) are not preserved across AIX fileset updates.. Try *chdev*!
Link.

LPM improvements in PowerVM 3.1.3
Pete Heyman posed a good update in the PowerVM community covering some of the new features, such as:
- LPM will be allowed with optical devices defined (but with no media loaded).
- Automatic selection of the mover server network device will now be based on performance characteristics of the device, not just if it can transmit data.
- LPM supports n-2 hardware generations

For more details see Link.

Improving communication between your team and IBM Support
While you can add users to IBM Support cases while they are active, Chris Smith from IBM Support outlines further settings to help improve communications and call handling.
See Link.

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Update to the AIXpert blog from Mr NMON
Nigel has updated some of the old but still excellent blogs, and added a few new topics and updated his collection of YouTube videos, See.

Filtering network traffic on AIX – an update on using IPSec rules
The Support centre has provided an update on using IPSec rules to filter network traffic, See.

IBM Expert TV: IBM Security Behind the Shield
In this episode, threat analyst experts discuss how ransomware is evolving (and even expanding) in-spite of the security industry redoubling efforts to try to stop it. Topics include the rise of initial access brokers and the effect they have on ransomware delivery; shrewd relationship building among criminal gangs; clever re-branding even in the midst of high-profile attacks; and emergence of new threat actor groups this year. Link.

What's new with IBM Support
See summary of updates including IBM Support work orders. Link.

Definitive guide to ransomware 2022
A new guide published by IBM Security
Link.

Red Hat Defines a New Epicentre for Innovation with Red Hat Enterprise Linux 9
See an update on what is new in RHEL 9 – link.
See the announcement – Link.

Using Microcode discovery service on VIO Server
Support published a quick update on using Microcode discovery service on the VIO Server (*invscout*).
Link.

'No Job Log' and More Hidden IBM i 7.5 Gems
From 'no job log,' to routing work by user profile and beyond, Dawn May highlights more hidden gems from the IBM i 7.5 announcement.
Note all of these were delivered from IBM Ideas.
Link.

Keeping IBM Power Software current (AIX, vHMC, IBM i, PowerHA, PowerVM)
An updated and comprehensive outline of the reasons why upgrade recommendations are made and reviews some of the consequences and risks associated with not keeping software up to date and in sync. This is apart from the obvious reason of avoiding the same problems that other customers have already found and had IBM fix!
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How to Deploy your First Cloud-native App on IBM Power with Red Hat
Learn the 4 key steps for deploying a cloud-native app on IBM Power with Red Hat OpenShift.
Link.

In case you missed ….

- **Call Home Connect Cloud**
  Support has listened and addressed many of our concerns with Call Home web. In case you missed it, there is now a new single place to manage your IBM Systems products – Call Home Connect Cloud.
  See Link
- **IBM Elastic Storage Server (ESS) Webinars (Americas/EMEA Session): Disk Replacement**
  This session presented by Tex (Scott Nance) was held on 8/6/22. This and other presentations/recordings can be downloaded from previous sessions.
- **IBM Power VUG: Db2 Web Query for i**
  Doug Mack discusses Db2 for i Native Support for Analytics. This presentation and recording can be downloaded from Link.

Coming soon

- **IBM Power VUG: Cognitive Support for IBM Power Systems**
  Time: 08/07/22 at 01:00 UTC+10
  This month's session at will feature trends and updates for IBM Power Systems and is led by Rama Tenjarla and presented by AIX Development Support Specialists, Power Systems Product Engineering and Premium Support teams.
  To Register

Redbooks and Redpapers

- **IBM AIX Enterprise Cloud Solutions**, draft Redpaper, revised: May 31, 2022.
  Link.

IBM alerts and notices

AIX alerts:

- **LI82642: TO DISABLE CBC CIPHERS**
  To disable CBC cipher from JVM.
  Link
- **LI82651: UPGRADE TO JAVA 8.0.7.10 FOR PSIRT**
  UPGRADE TO JAVA 8.0.7.10 FOR PSIRT
  Link

- **AIX is vulnerable to a denial of service due to lpd (CVE-2022-22444)**
  A vulnerability in the AIX lpd printer daemon could allow a local user with elevated privileges to cause a denial of service (CVE-2022-22444). The lpd daemon is the remote print server on AIX.
  Affected Product

AIX	7.1
AIX	7.2
AIX	7.3
VIOS	3.1

  Filesets

	From	To
bos.rte.printers	7.1.5.0	7.1.5.33
bos.rte.printers	7.2.4.0	7.2.4.1
bos.rte.printers	7.2.5.0	7.2.5.1
bos.rte.printers	7.2.5.100	7.2.5.100
bos.rte.printers	7.3.0.0	7.3.0.0

  Link
- **Multiple vulnerabilities in IBM Java SDK affect AIX**
  There are multiple vulnerabilities in IBM SDK Java Technology Edition, Versions 7, 7.1, 8 used by AIX.
  Link

AIX notices:
- **AIX: Trusted Execution Enablement**
  How do I enable Trusted Execution?
  Link

ESS alerts:
- **IBM Spectrum Scale Software Version Recommendation Preventive Service Planning**
  Link

ESS notices:
- **IBM Spectrum Scale and IBM Elastic Storage Server (ESS) Technical Support June Newsletter**
  This newsletter is aimed at clients and specialists installing, upgrading, or who use IBM Spectrum Scale (formerly known as GPFS) or IBM Elastic Storage Server (ESS).
  Link.

Keep safe and looking forward to catching up at the July ASEAN Power meeting.
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