

## November Newsletter

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### OpenShift on IBM Power Virtual Servers

For the last month I have been part of an IBM PoC testing Red Hat OpenShift version 4 on PowerVS. The testing has gone smoothly so hopefully IBM will be officially announcing support in December. In the meantime we will be giving an overview at the next ASEAN Power AIX/i/Linux Meetup (see below).

If you need, we can also arrange a demonstration or PoC using your application(s), so contact us for more information.

### ASEAN Power AIX/i/Linux meetup - VM Recovery Manager for Power and OpenShift on Power VS in IBM Cloud

Join us on Friday 27<sup>th</sup> November, 2020 at 14:00 to 16:00 GMT+8 for the following sessions:

- VM Recovery Manager HA and DR for Power Systems with Jes Kiran  
Business continuity is a critical pillar of business operations. High Availability and Disaster Recovery solutions are the most important components of Business Continuity.  
In this session the capabilities VM Recovery manager HA/DR bring for PowerVM platform will be explained including various deployment models and SAP HANA cold and warm restart integrations.
- Red Hat OpenShift and IBM Cloud Pak for Data running on Power Virtual Server in IBM Cloud with Gilbert Thomas and Antony Steel.

This session will introduce the current PoC environment with OpenShift running on POWER in the IBM Cloud. It covers the initial build and installation of a number of IBM Cloud Paks (CP4D and CP4MCM).

The AutoAI capability of CP4D will be demonstrated with an example of insurance fraud detection.

Join at <https://www.meetup.com/Singapore-AIX-IBM-i-Linux-on-Power-Meetup-Group/events/274687134/>

### PowerSC

The cumulative fix pack for 1.3.0.4 has been released. 1.3.0.3 and 1.3.0.4 include:

- DoDv7 profile
- UI Enhancements: Timeline Reports and UI backup and restore improvements.
- File Integrity Monitoring for IBM i
- CIS and PCIV3 Specifications for VIOS

See: <https://www.ibm.com/support/fixcentral/swg/selectFixes?parent=ibm%7EOther%20software&product=ibm/Other+software/PowerSC+Standard+Edition&release=1.3.0.3&platform=All&function=all>

### AIX 2020 Lessons Learned

Jaqui Lynch writes in Power Systems EXTRA about what she's learned regarding the OS this year and resources to overcome challenges.

See: <https://ibmsystemsmag.com/Power-Systems/10/2020/AIX-2020-Lessons-Learned>

## Why You Should be Running VIOS 3.x

In an IBM Systems Magazine article, Rob McNelly explains the advantages of upgrading your VIO server.

See: <https://ibmsystemsmag.com/Power-Systems/11/2020/vios-3-x>

## iTalk With Mike Pavlak

Listen to the podcast or read the transcript of the latest iTalk With Paul Tuohy where Mike Pavlak talks about the progress of open source on IBM i and some of the major game changers

See: <https://ibmsystemsmag.com/Power-Systems/10/2020/Mike-Pavlak-open-source>

## IBM 2020 Solutions Directory

Start the research process here and search for solutions in the 2020 Solutions Directory. Showcasing hundreds of listings, product descriptions and supporting assets from more than 75 solutions and service providers, the 2020 Solutions Directory has got you covered with hardware, accessories, software products, education and services options.

Solutions for Power and z/OS Systems, Application / Web Development with related articles, e-books and white papers.

See: <https://ibmsystemsmag.com/Solutions-Directory>

## IBM Spectrum Scale Software Version Recommendation Preventive Service Planning

IBM has updated the Spectrum Scale Version recommendation support page.

See: [https://www.ibm.com/support/pages/node/707017?myns=s033&mynp=OCSTXKQY&mync=OCSTHMCM&mync=E&cm\\_sp=s033- -OCSTXKQY-OCSTHMCM- -E](https://www.ibm.com/support/pages/node/707017?myns=s033&mynp=OCSTXKQY&mync=OCSTHMCM&mync=E&cm_sp=s033- -OCSTXKQY-OCSTHMCM- -E)

## IBM Spectrum Scale Alert : mmfsck command option causes new mount failure

IBM just released an alert relating to Spectrum Scale / GPFS versions 5.0.4.0 to 5.0.4.4 and 5.0.5.0 to 5.0.5.3 (ESS versions 5.3.5 to 5.3.6.1 or 6.0.0.0 to 6.0.1.1), where running mmfsck with the --estimate-only option while the file system is online causes new mounts to fail and other potential access problems.

It is recommended to upgrade to V5.0.5.4, or if not possible, contact IBM support for efix - APAR IJ27414. In the meantime, it is recommended not to run this option (There is a work around if you find yourself in this situation).

See: [https://www.ibm.com/support/pages/node/6365005?myns=s033&mynp=OCSTXKQY&mync=OCSTHMCM&mync=E&cm\\_sp=s033- -OCSTXKQY-OCSTHMCM- -E](https://www.ibm.com/support/pages/node/6365005?myns=s033&mynp=OCSTXKQY&mync=OCSTHMCM&mync=E&cm_sp=s033- -OCSTXKQY-OCSTHMCM- -E)

## Vulnerabilities in NTPv4 affect AIX

It was found that ntpd in ntp before 4.2.8p14 and 4.3.x before 4.3.100 allows an off-path attacker to block unauthenticated synchronisation via a server mode packet with a spoofed source IP address, because transmissions are rescheduled even when a packet lacks a valid origin timestamp. AIX 7.1, 7.2 and VIOS 3.1 are affected.

See: [http://aix.software.ibm.com/aix/efixes/security/ntp\\_advisory13.asc](http://aix.software.ibm.com/aix/efixes/security/ntp_advisory13.asc)

## IBM AIX APAR: IJ29419 - NPIV boot failure with 554 after upgrading to 7200-05-01-2038

If a system has been upgraded to 7.2.05.01 and uses NPIV for boot it's LUNs, boot could fail with error 554 as the vfc adapters fail to configure correctly.

See: [https://www.ibm.com/support/pages/apar/IJ29419?myns=apar&mynp=DOCTYPEcomponent&mync=E&cm\\_sp=a-par--DOCTYPEcomponent--E](https://www.ibm.com/support/pages/apar/IJ29419?myns=apar&mynp=DOCTYPEcomponent&mync=E&cm_sp=a-par--DOCTYPEcomponent--E)

## IBM updates Cloud Pak for Security with new data security hub

Read the ZDNet article about IBM Cloud Pak's new integrated data security hub which will bring data security insights directly into threat management and security response platforms.

See: <https://www.zdnet.com/article/ibm-updates-cloud-pak-for-security-with-new-data-security-hub/>

## Red Hat Container Health Index for Red Hat content - Grading for vulnerabilities

The Red Hat Ecosystem Catalogue currently publishes a container health index for container images published by Red Hat. By the end of October 2020, we plan for the Red Hat Ecosystem Catalogue to publish the container health index for certified container and Operator images published by Red Hat Partner Connect members.

## IBM Champions

If you have wondered how to become an IBM Champion (or even what is an IBM Champion?), the nomination period has been extended to the end of November.

See: <https://community.ibm.com/community/user/blogs/libby-ingrassia/2020/10/22/2021-ibm-champion-nominations-are-open?CommunityKey=8c64553a-86a9-4af3-a2e6-55826c69b4e2&tab=recentcommunityblogsdashboard>

## Upcoming events

- November ASEAN Power Meetup, two sessions on 27<sup>th</sup> Nov 2020 at 14:00 to 16:00 GMT+8
  - VM Recovery Manager HA and DR for Power Systems with Jes Kiran
  - Red Hat OpenShift and IBM Cloud Pak for Data running on Power Virtual Server in IBM Cloud with Gilbert Thomas and Antony Steel

<https://www.meetup.com/Singapore-AIX-IBM-i-Linux-on-Power-Meetup-Group/events/274687134/>

## In case you missed ....

**The Spectrum Scale User Group** – 2 interesting sessions in November

- on 4<sup>th</sup> November a session covering Scalable multi-node training for AI workloads on NVIDIA DGX, Red Hat OpenShift and IBM Spectrum Scale. The slides are available. See: <https://www.spectrumscaleug.org/event/ssugdigital-multi-node-training-for-ai-workloads/>
- presentation on 18<sup>th</sup> November covering what was new in Spectrum Scale 5.1? The presentation should be available soon. See: <https://www.spectrumscaleug.org/>

**Red Hat presentation** - Red Hat Enterprise Linux 8.3 delivers stability plus innovation.

Slides and replay are available from: <http://app.engage.redhat.com/e/er?s=1795&lid=185081&elqTrackId=f8a1e96373434b78a49034b5ddc96abc&elq=421b4ef915a543168bfd59540fa2a239&elqaid=78110&elqat=1>

**IBM Power Systems VUG meeting** - 17<sup>th</sup> November, HA / DR Solution Update with Steven Finnes. The slides are available from: <https://ibm.ent.box.com/v/PSVUGHADR11-17-2020>

**IBM Virtual TechU** If you missed the TechU this year, the sessions will be available to be purchased on-demand. Even though IBM organised it as a virtual conference this year, it still had a great line up of speakers and sessions.

See: <https://www.ibm.com/training/events/vtechu2020>

### **Redbooks and Redpapers**

- Software Defined Data Center with Red Hat Cloud and Open Source IT Operations Management – Redbook, published 04 November 2020  
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg248473.html?Open>
- IBM Power Systems H922 and H924 Technical Overview and Introduction – draft Redpaper, updated 13 November 2020  
<http://www.redbooks.ibm.com/Redbooks.nsf/RedpieceAbstracts/redp5622.html?Open>
- SUSE and IBM Power Systems for SAP HANA – Redpaper, published 24 November 2020  
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/redp5620.html?Open>

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