

August Newsletter

[Subscribe/Unsubscribe](#)

Greetings,

I hope you have all been keeping safe, sane and finding challenges to get you through these interesting times? I have been lucky to be able to:

- Continue testing OpenShift in PowerVS, testing the IBM tutorial (a few minor hiccups, but overall worked brilliantly) and integrating Spectrum Scale Container Native Storage Access (CNSA).
- Finish an implementation of PowerSC MFA high availability configuration using Postgres replication (See: <http://tinyurl.com/belisama-powerscrepl>) as the customer was unable to use the recommended solution using shared storage.
- Prepare sessions for IBM Technical University (Virtual). They have asked me to bang on about my favourite topics – PowerHA, GPFS, GLVM etc. Don't forget to register – there will be lots of other better presenters contributing.
- Working on a new redpaper that we hope will be coming out soon - **Basic Requirements for HA and DR (on-prem and Cloud)**, with Dino, Shawn, Manas and Kim Poh.

Quick bites

The power of 10

Is the Power9 successor going to be PowerA, Power1010 or Power10?

Join us for at 22:30 UTC+8 on 8th September to find out about the new generation of Power.

Register at: ibm.biz/Bdfb4J

Waiting on a Replacement Part, the Latest With OpenSSH, a Bold Client Choice and a VIOS Webinar

Rob McNelly on gives some useful VIOS admin tips, discusses Chris's work with OpenSSH for AIX and gives an update on FLRT-ing

[https://techchannel.com/SMB/07/2021/open-ssh-vios?](https://techchannel.com/SMB/07/2021/open-ssh-vios?utm_source=Acoustic&utm_medium=email&utm_campaign=081121_TechBeat_SMB%20(1)%20live%20snd&utm_content=Article%202%20CTA&spMailingID=19074020&spUserID=NTg4NTkxNTQwMTE5S0&spJobID=2182250732&spReportId=MjE4Mjl1MDczMgS2)

[utm_source=Acoustic&utm_medium=email&utm_campaign=081121_TechBeat_SMB%20\(1\)%20live%20snd&utm_content=Article](https://techchannel.com/SMB/07/2021/open-ssh-vios?utm_source=Acoustic&utm_medium=email&utm_campaign=081121_TechBeat_SMB%20(1)%20live%20snd&utm_content=Article%202%20CTA&spMailingID=19074020&spUserID=NTg4NTkxNTQwMTE5S0&spJobID=2182250732&spReportId=MjE4Mjl1MDczMgS2)

[%202%20CTA&spMailingID=19074020&spUserID=NTg4NTkxNTQwMTE5S0&spJobID=2182250732&spReportId=MjE4Mjl1MDczMgS2](https://techchannel.com/SMB/07/2021/open-ssh-vios?utm_source=Acoustic&utm_medium=email&utm_campaign=081121_TechBeat_SMB%20(1)%20live%20snd&utm_content=Article%202%20CTA&spMailingID=19074020&spUserID=NTg4NTkxNTQwMTE5S0&spJobID=2182250732&spReportId=MjE4Mjl1MDczMgS2)

AIX 7.2 OpenSSH Is Now HW GZIP Enabled!

Chris Gibson tests the new AIX 7.2 OpenSSH POWER9 HW GZIP enablement functionality. Well worth a look as I also had some good results using h/w compression with my GLVM testing.

[https://techchannel.com/SMB/07/2021/aix-7-2-openssh-hw-gzip?](https://techchannel.com/SMB/07/2021/aix-7-2-openssh-hw-gzip?utm_source=Acoustic&utm_medium=email&utm_campaign=081121_TechBeat_SMB%20(1)%20live%20snd&utm_content=Article%201%20CTA&spMailingID=19074020&spUserID=NTg4NTkxNTQwMTE5S0&spJobID=2182250732&spReportId=MjE4Mjl1MDczMgS2)

[utm_source=Acoustic&utm_medium=email&utm_campaign=081121_TechBeat_SMB%20\(1\)%20live%20snd&utm_content=Article](https://techchannel.com/SMB/07/2021/aix-7-2-openssh-hw-gzip?utm_source=Acoustic&utm_medium=email&utm_campaign=081121_TechBeat_SMB%20(1)%20live%20snd&utm_content=Article%201%20CTA&spMailingID=19074020&spUserID=NTg4NTkxNTQwMTE5S0&spJobID=2182250732&spReportId=MjE4Mjl1MDczMgS2)

[%201%20CTA&spMailingID=19074020&spUserID=NTg4NTkxNTQwMTE5S0&spJobID=2182250732&spReportId=MjE4Mjl1MDczMgS2](https://techchannel.com/SMB/07/2021/aix-7-2-openssh-hw-gzip?utm_source=Acoustic&utm_medium=email&utm_campaign=081121_TechBeat_SMB%20(1)%20live%20snd&utm_content=Article%201%20CTA&spMailingID=19074020&spUserID=NTg4NTkxNTQwMTE5S0&spJobID=2182250732&spReportId=MjE4Mjl1MDczMgS2)

Installing YUM on AIX

Tired of playing “hunt for the prerequisite”? No more, Rob McNelly has produced a video that explains how to install YUM on AIX.

<http://links.e.techchannel.com/els/v2/XymdtX7467HLj/N2xZVHFTa3ZHcktXTm1pZndQaS9wNEFiRFVmk0xScXBqWFRYbnFNZzNuVThNWFM0MWpoNEZTbS8weGNMShhdE8waklyQ2ZUc0xiWlZEaXZBK0p2c2dxQVU1bHlDU2JpREVWUXlGSGphUm89S0/bWZha2xwNXhyRINwd2VJUKvtckladllvRWZ2RDBWZzBsYkUyMTVuSmhNaWZrekVBOS9WWHZoTm93M25sbEd2UXlwN09vckVYcTVZPQS2>

Coming soon

- **IBM Virtual TechU 2021** - 25-28 October
Less than 60 days till IBM's key technical event in 2021,
Register: <https://web.cvent.com/event/a1c6f292-9c08-436d-a084-01561f9c83bd/summary>

In case you missed

AIX VUG: Open Source Technology on IBM Power Systems

Presenter: Jesse Gorzinski

Session recording: <https://ibm.box.com/v/PSVUG-OpenSource2021>

Slides: <https://ibm.box.com/v/PSVUG-OpenSource2021>

Redbooks and Redpapers

- **IBM FlashSystem Best Practices and Performance Guidelines**, Redbook, Revised: August 6, 2021
<http://www.redbooks.ibm.com/abstracts/sg248503.html?Open>

IBM Alerts and notices

AIX Updates:

- **AIX Service Pack 7200-04-04-2114**
This service pack contains important fixes delivered between Technology Levels. Service Pack 7200-04-04-2114 is based on Technology Level 7200-04.
https://www.ibm.com/support/pages/node/6458225?myns=aix&myntp=OCSG11S&mync=E&cm_sp=aix-_-OCSG11S-_-E
Vulnerabilities in the AIX kernel, where a non-privileged local user could cause a denial of service or gain root privileges.
Affects AIX 7.1 and 7.2, VIO 3.1, in particular:

Fileset	Lower Level	Upper Level
bos.mp64	7.1.5.0	7.1.5.40
bos.mp64	7.2.3.0	7.2.3.21
bos.mp64	7.2.4.0	7.2.4.8
bos.mp64	7.2.5.0	7.2.5.3

See: https://www.ibm.com/support/pages/node/6483875?myns=aix&myntp=OCSG11S&myntp=OCO609&mync=E&cm_sp=aix-_-OCSG11S-OCO609-_-E
- **Multiple issues seen while using NPIV adapters with AIX 7200-05 or VIOS 3.1.2**
IBM has seen multiple issues using Virtual Fibre Channel (NPIV) adapters, including but not limited to:
 - Path failures and timeouts
 - Failure to mount Virtual Tape Libraries

- Errpt entries on boot indicating "Multiple Queues are not supported"
- Crash of AIX LPAR
- There is potential for undetected data corruption with VIOS 3.1.2 and Power9, however, we have not seen it.

For details:

<https://www14.software.ibm.com/webapp/set2/subscriptions/onvdq?mode=18&ID=6969>

- **Applications can terminate on systems with active IPv6 traffic** (IJ34301)

On systems with active IPv6 traffic, applications that use event wait system calls can terminate unexpectedly or experience unexpected behaviour.

For details: [https://www.ibm.com/support/pages/node/6480733?](https://www.ibm.com/support/pages/node/6480733?myns=aix&mynp=OCOE609&mynp=OCSG11S&mync=E&cm_sp=aix--OCOE609-OCSG11S--E)

[myns=aix&mynp=OCOE609&mynp=OCSG11S&mync=E&cm_sp=aix--OCOE609-OCSG11S--E](https://www.ibm.com/support/pages/node/6480733?myns=aix&mynp=OCOE609&mynp=OCSG11S&mync=E&cm_sp=aix--OCOE609-OCSG11S--E)

Keep safe and catch you in September,
Red, Belisama