

May Newsletter

[Subscribe/Unsubscribe](#)

Greetings all,

We trust that you all had a productive May and finish the first half of the year on a roll.

A few updates to share

- You can now start building your agenda for the TechXchange in Florida (6-9th Oct). It is a sneak preview of the conference programme and will hopefully encourage you to attend.
[Link](#)
- See below a new Redbook (currently draft) – looking at modernisation on IBM Power and it covers:
 - Defining modernisation
 - Considerations
 - Client examples and use
 - Service and consultancy options
 - modernising management of power
 - modernising applications
 - tools and performance
 - Support by operating system (AIX, i, Linux and OpenShift)

Quick bites

Simplify Kubernetes and OpenShift?

Want to dabble with Kubernetes or OpenShift, but want to avoid the hassle of creating a 3 node cluster – have a look at Andreys' blogs where he gives simple to follow steps for a simple implementation.

[Link](#)

How to supply encrypted passwords using the `ibm.power_aix.user` module

Andrey also has a good blog about using the `ibm.power_aix.user` module and his annoyance at setting AIX users' passwords.

[Link](#)

In case you missed

- **Power Systems VUG 2025-5-29: DR in PowerVS with Jeff Boleman**
This session was a follow up to the last session, which provided a detailed HA and DR review. This session focused on DR options using IBM PowerVS, and examined methods and best practices for hosting your IBM Power DR workloads in the IBM PowerVS Public Cloud – including AIX, i and Linux.

[Link](#)

Redbooks and Redpapers

- **A Practical Guide to IBM Storage FlashSystem and Red Hat OpenShift Integration: Red Hat OpenShift Container Platform Virtualization use case**, Draft Redpaper, published 27 May 20205
[Link](#)
- **Modernisation Techniques for IBM Power**, Draft Redbook, published 21 May 2025
[Link](#)
- **Introducing IBM i Modernisation Engine for Lifecycle Integration – Merlin**, Draft Redbook, published 17 May 2025
[Link](#)

IBM alerts and notices

AIX alerts:

- **IJ54945: NETWORK PERFORMANCE DEGRADATION DUE TO LOCKING IN SEA_TRACE**
High network utilisation and high ping latency due to lock contention. Splat report shows 67% miss rate in sea_trace
[Link](#)
- **IJ54946: CGO PROGRAMS FAILING WITH SEGMENTATION FAULT**
Programs compiled with gcc that use mcmmodel=large would fail with segmentation fault.
[Link](#)
- **IJ54947: AUTOMATIC CALLS TO CLUSTERCONF MAY CAUSE HANGING PROCESSES**
Multiple clusterconf processes hanging on the clustered system
[Link](#)
- **IJ54940: SYSTEM MAY CRASH IF JFS2 FILE EXTENDED ATTRIBUTE IS CORRUPTED**
System crash may happen if a file with acl attributes under JFS2 gets deleted.
[Link](#)
- **IJ54941: AUDITCLASSES NOT SHOWING FOR LDAP USER**
If there are default auditclasses set in /etc/security/audit/config, but an LDAP user does not have their auditclasses attribute set explicitly on the LDAP server, lsuser will not show a value for auditclasses.
[Link](#)

- **IBM AIX: sshd Server Design Changes Starting OpenSSH 9.9p1**
Starting OpenSSH 9.9p1 (VRMF 9.9.3015.1000), sshd daemon shows up in the process table as follows:
`sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups`
[Link](#)

ESS alerts:

- **Potential silent corruption of data that impacts Erasure Code Edition and IBM Storage Scale Systems**
IBM has identified an issue in IBM Storage Scale 5.1.7.0 - 5.1.9.8 (IBM Storage Scale System 6.1.8.0 - 6.1.9.5) and IBM Storage Scale 5.2.0.0 - 5.2.2.0 (IBM Storage Scale System 6.2.0.0 - 6.2.2.0) that impacts IBM Storage Scale Erasure Code Edition (IBM Storage Scale ECE) and IBM Storage Scale System.
The issue is a race condition that involves multiple threads performing a full-track read operation to the same track while disk errors exist. When the configuration parameter `nsdRAIDClientOnlyChecksum` is enabled, this race condition could create a situation where, without going through the checksum validation, data read from disks could be used for the reconstruction of data that failed to read due to disk errors.
Note: In recent IBM Storage Scale System configurations, the default is to have `nsdRAIDClientOnlyChecksum` enabled.
[Link](#)
- **IBM Storage Scale 5.1.0.0 to 5.2.0.1: Undetected data and directory corruption due to stale data left on disk**
This condition may prevent stale data replicas from being repaired by the `mmchdisk start` command.
IBM has identified potential data integrity issues in file systems with data and metadata replication, including undetected data and directory corruption; the issue may prevent stale data replicas from being repaired by the `mmchdisk start` command. The versions where these issues may occur are IBM Storage Scale 5.1.0.0 to 5.2.0.1 (IBM Storage Scale System 6.1.0.0 to 6.2.0.0).
[Link](#)

Keep safe and hope you find something interesting in the TechXchange Agenda... Talk soon..
Red, Belisama