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Newsletter

August 2026

THIS MONTH HIGHLIGHTS

- **EPV User Group 2026 preliminary agenda**
- **IBM Redbook - IBM z17 ME2 and IBM z17 MER Technical Guide**

EPV User Group 2026 preliminary agenda

The XXIV EPV User Group will be virtual again. It will be held on October 27th and repeated on October 29th.

As in 2025, at the beginning of the day we will have two training sessions dedicated to new Performance Analysts.

Preliminary Agenda			
27 and 29 October 2026			
09:50 – 10:00	Welcome and introduction	Danilo Gipponi	EPV Technologies
10:00 – 10:20	PRSM overhead	Fabio Massimo Ottaviani	EPV Technologies
10:20 – 10:40	Capture ratio	Danilo Gipponi	EPV Technologies
10:40 – 11:00	EPV zParser V18	Matteo Bottazzi	EPV Technologies
11:00 – 11:20	coffee break		
11:20 – 11:40	to be confirmed	to be confirmed	to be confirmed
11:40 – 12:00	EPV for CICS V18 preview	Luca Battaglio	EPV Technologies
12:00 – 12:20	Interactive analysis of individual CICS transactions and Db2 Packages with MyEPV	Stefano Rotunno	EPV Technologies
12:20 – 14:00	Lunch		
14:00 – 14:20	EPV for MQ V18 preview	Luca Trazzi	EPV Technologies
14:20 – 14:40	EPV zParser: Parsing SMF data into Elasticsearch	Imri Keidar	FIBI
14:40 – 15:00	EPV for z/OS V18	Massimo Orlando	EPV Technologies
15:00 – 15:20	coffee break		
15:20 – 15:30	zIIP on CP (IIPCP), possible causes and effects	Hans Gerd Schneider	BarmeniaGothaer
15:30 – 16:00	IBM z17 performance results	Fabio Massimo Ottaviani	EPV Technologies
	New Performance Analysts Education		
	User presentation		
	Product presentation		
	Technical update		

The EPV User Group is a "not to miss" event for all Performance Analysts; it will give you the opportunity to share ideas with qualified experts and to listen to some of the EPV customers experiences. The most interesting features provided by the latest versions of all EPV products will also be presented.

The EPV User Group is free of charge and reserved to EPV customers. If you are not a customer yet but you are interested in participating, please answer to this e-mail asking for an invitation.

Mark these dates in your agenda to avoid missing this event.

IBM Redbook - IBM z17 ME2 and IBM z17 MER Technical Guide

This IBM Redbooks publication describes the features and functions of the latest IBM Z platform members that are built with the IBM Telum processor: IBM z17 ME2 and IBM z17 MER. It includes information about the IBM z17 ME2 and IBM z17 MER processor design, I/O innovations, security features, and supported operating systems.

Download it at: <https://www.redbooks.ibm.com/redpieces/abstracts/sg248608.html>



Customer question

We run MQ 9.3 and we are about to migrate to 9.4.

Is there the possibility to track the number of rollbacks on a specific queue by using queue statistics?

EPV Technical Support answer

With MQ 9.3.3 the following variables are provided in queue statistics (SMF 115-216):

- QQSTRBGT, MQGETs rolled back;
- QQSTRBPT, MQPUTs rolled back.

Please remember that to produce queue statistics, class 5 of the statistics trace must be active.

To activate statistic trace class 5 at MQ start you can set it in the SMFSTAT parameter of the CSQ6SYSP macro.

In addition, you must enable queue statistics on the queue you want to control; you have two possibilities:

- Set STATQ(ON) in the queue parameters;
- Set STATQ(QMGR) in the queue parameters and STATQ(ON) in the queue manager parameter; in this case you are delegating STATQ control to the queue manager.

You can also activate queue statistics by running the appropriate MQ commands.



Page set full and dynamic expansion

When a page set fills up, requests fail and further queue activity blocks.

This problem can be resolved by setting the EXPAND parameter and use page set dynamic expansion; the following settings are possible:

- USER, the secondary allocation specified when the VSAM data set was defined is used to expand the page set; this is the default value;
- SYSTEM, MQ automatically calculates the secondary extent size (approximately 10% of the current page set size) and uses it to expand the

- page set;
- NONE, automatic expansion is disabled.

To enable or re-configure dynamic expansion for a page set without restarting the queue manager you can use the ALTER PSID command.

Unlike EXPAND(USER), which fails and halts expansion if the secondary space is set to zero, the SYSTEM option is designed to bypass this constraint.

Whatever option you choose:

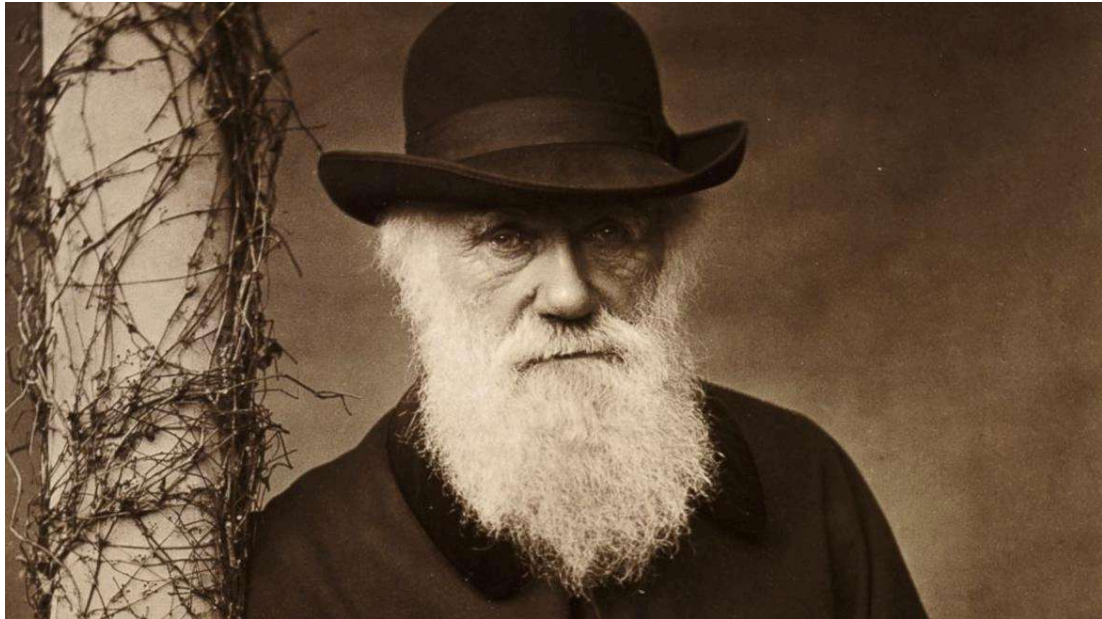
- page sets can expand up to 123 logical extents and 64 GB in total size only;
- DASD volumes associated with the SMS Storage Class must have sufficient physical space to accommodate the new extents.

Keep in mind that, when a page set dynamically expands, it causes a momentary, synchronous pause in queue manager operations for that specific page set. This lag happens because the z/OS Media Manager must allocate the new secondary extent and physically format every single page within the new extent before IBM MQ can actually use it.

Of course, the larger the extent the longer the time needed to format it.

You should try to avoid page set dynamic expansion in production. You should format your page sets to their maximum expected peak size during scheduled maintenance windows.

Quotes



"It is not the strongest of the species that survive, nor the most intelligent, but the one most responsive to change."

Charles Darwin

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