

Virtual IMS User Group Presentation

UNLOCKING THE POTENTIAL OF IMS CONNECT MANAGEMENT TOOLS

In October, I hosted a session featuring Divyam Bhatia from BMC Software, where we explored innovations in managing IMS Connect environments. The discussion centered on dynamic management tools like BMC AMI Energizer for IMS Connect, which address persistent challenges such as downtime and inefficient message routing.

Key Features of Modern IMS Connect Management Tools

Dynamic Management Without Restarts—

A major advantage of dynamic management tools is their ability to modify exits and processing options without restarting IMS Connect. Divyam demonstrated how these tools use intuitive interfaces to replace manual assembler coding, significantly reducing operational complexity and eliminating downtime.

Advanced Message Routing—

Modern tools, including Energizer, offer advanced routing capabilities through features like affinity-based routing and load balancing. These functionalities ensure that messages are directed efficiently to the right data stores, optimizing performance and avoiding bottlenecks.

Maintaining Workload Stability—

Features such as workload governors in dynamic management tools regulate incoming message volumes and transaction rates. These controls prevent system overloads and maintain stability, even during periods of high demand, ensuring smooth and reliable operations.

Dynamically reload exits and processing options without recycling IMS Connect

The following options can be reloaded dynamically:

- Reloading Customer Exits
- Reloading Security Exits
- Reloading Router Options
- Reloading Exit Configurations
- Reloading eGroup options
- Reloading IMS Connect Configurations
- Reloading ODBM configurations
- Changing exit names or message IDS

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Route transactions and balance the workload using Workload Governor

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IMS Connect Options
Governor Options
Transaction limit . . . 1000 (transactions per second)
Warning threshold . . . 50 (0 to 99 percent of transaction limit)
Cycle interval . . . 5 (5-60 seconds)
Low warning limit . . . 0 (transactions per second)
TRM and IP Governor . . . (granular governor PROCLIB member)

Select (type = /?) any of the following:
/ Cache security resource profiles
/ Activate tracing for types selected below
/ Activate journaling for types selected below
/ Pass IMS Connect data to Logger
- Activate IBM IMS Connect RSM RTH/RSN Codes

Journal Data Set Allocation Option
1. Dynamic - Dynamically allocate new journal data set when needed
2. Reuse - Reuse pre-allocated journal data sets

Command ->
F1=Help F2=Keys F3=Exit F4=Prompt F7=Bkud
F8=Full F9=Retrieve F10=Back F11=Next F12=Cancel
    
```

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Understanding What IMS Applications Can Do and How You Can Benefit From REST APIs

IMS clients worldwide have a wealth of assets in the form of IMS applications. These business-critical apps have been running your business for decades, at performance levels hard to rival. Their durability, reliability, and scalability are legendary. IMS continues to add rich function for applications in every release. So how are you taking advantage of them NOW? Whether you are an Enterprise Architect, Application Architect, or Application Developer, you will learn something valuable in this session.

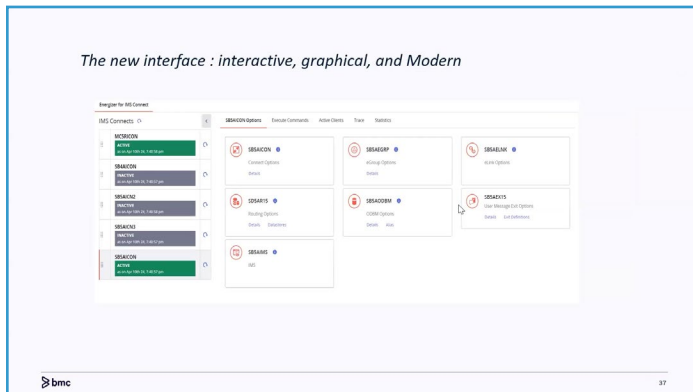


Suzette (Suzie) Wendler
IMS Support,
Washington Systems Center - IBM

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Unlocking the Potential of IMS Connect Management Tools

Continued

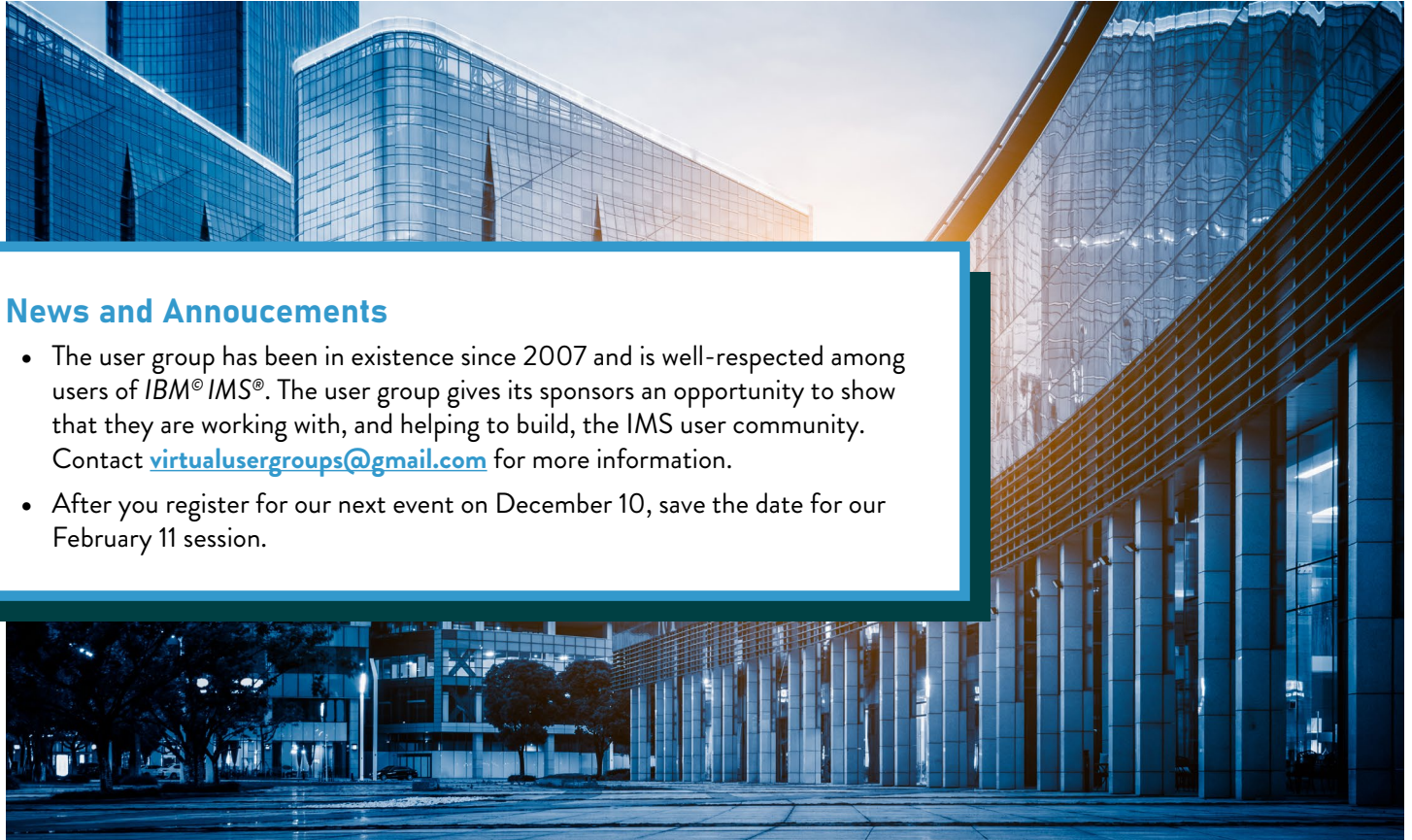


Dynamic IMS Connect management tools, such as BMC AMI EnerGizer, provide essential capabilities for organizations seeking greater efficiency, stability, and adaptability. Whether managing complex message routing or ensuring system reliability, these tools are pivotal for maintaining robust mainframe operations in today's fast-evolving IT landscape.

During the Q&A, attendees explored the practical benefits of these tools. Key topics included the flexibility of modern IMS Connect configurations, how dynamic tools can reduce reliance on assembler exits, and the tangible benefits of implementing real-time management capabilities in IMS environments.



Access the Recording



News and Announcements

- The user group has been in existence since 2007 and is well-respected among users of *IBM® IMS®*. The user group gives its sponsors an opportunity to show that they are working with, and helping to build, the IMS user community. Contact virtualusergroups@gmail.com for more information.
- After you register for our next event on December 10, save the date for our February 11 session.

About the Virtual IMS User Group

The Virtual IMS User Group is an independently-operated vendor-neutral site run by and for the mainframe IMS user community. This is a mainframe IMS information website, not in any way related to, sponsored, or approved by IBM, which is the legitimate owner of the trademark, and any use of the mark in the URL or the body of the site is for information, education, and opinion expression purposes. The Virtual IMS user group was established as a way for individuals using IBM's IMS for z/OS database to exchange information, learn new techniques, and advance their skills with the product. Anyone with an interest in IMS for z/OS is welcome to join the Virtual IMS user group and share in the knowledge exchange.

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