



ALABAMA DB2 USERS GROUP

ALABAMA'S HOME FOR DB2 PROFESSIONALS

www.alabamadb2usersgroup.org

SPRING MEETING - APRIL 19, 2017

www.alabamadb2usersgroup.org

PLACE: Aldridge Gardens
3530 Lorna Rd
Hoover, AL 35216
TIME: 8:30 AM - 4 PM

SPRING MEETING AGENDA - 2017

RSVP to: Gail Myers - treasurer@alabamadb2usersgroup.org

- | | |
|---------------|--|
| 8:30 - 8:45 | Registration, Continental Breakfast |
| 8:45 - 9:00 | Larry Long , Welcome and Opening Meeting Comments |
| 9:00 - 10:15 | Saghi Amirsoleymani, Rocket Software with Adrian Burke, IBM
Topic: "Avoiding L2 Performance PMRs" |
| 10:15 - 10:30 | Break |
| 10:30 - 11:30 | Saghi Amirsoleymani, Rocket Software
Topic: "Don't just sit there ! Act fast and smart with IBM® Data Server Manager for z/OS" |
| 11:30 - 12:30 | Lunch - Full Moon Bar-B-Que - Provided by IBM |
| 12:30 - 1:30 | Adrian Burke, IBM
Topic: "Best Practices plus Example Scenarios to Address These Questions Around Distributed Application Access to DB2 z/OS:" |
| 1:30 - 2:15 | Kay Groski, IBM
Topic: "DashDB Demo and Technical Review" |
| 2:15 - 2:30 | Break |
| 2:30 - 3:45 | Adrian Burke, IBM
Topic: "DB2 12...It's Not the End It's the Beginning" |
| 3:45 | Meeting Wrap-up/Questions |

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SPEAKERS:

Saghi Amirsoleymani, Rocket Software

WW Principal Solutions Advisor at Rocket Software

Saghi Amirsoleymani is a WW Principal Solution Advisor at Rocket Software and IBM Champion, where she evangelizes solutions for customers and partners on IBM technologies. Prior to joining this team, Saghi was part of the IBM DB2 z/OS technical support team and worked onsite premier support for almost 20 years. She began her career at IBM as an intern while earning her degree at the University of Southern California, and therefore is a diehard Trojans fan. Although she's a SF Bay Area native, raised in Mountain View, Saghi has earned her nickname from friends and colleagues as Ms. Worldwide. She travels throughout the world presenting on various topics related to Data Studio, Data Server Manager, Analytics and Performance at conferences, users groups, webcasts and events.

Avoiding L2 Performance PMRs with *Saghi Amirsoleymani and Adrian Burke*

Root cause analysis of presumed, or actual DB2 performance issues can be quite tricky in today's diverse environments. Everything from CEC capacity, LPAR utilization, real/virtual storage, WLM settings, PARMLIB members, and DB2 parameters can play a part in performance degradation. Wouldn't it be nice if there were some tools (no-charge ones at that) which could quickly guide you in the direction of the root cause? Many man hours have been wasted studying the effects of a system slowdown instead of the cause due to narrow scopes of reference. This presentation will do through NO-CHARGE tools and methodologies to help you narrow down what is impacting the system so that you can take action, or engage the resources needed to eliminate the issue.

Don't just sit there ! Act fast and smart with IBM® Data Server Manager for z/OS

Data Server Manager is an integrated tool that offers a simple web console to administer, monitor, manage, and optimize DB2 for z/OS databases across the enterprise. It is easy to deploy and manage to help tackle everyday database challenges. It provides database administrators (DBAs) and other IT staff with the information they need to manage performance proactively and help prevent problems before they impact the business. It offers lightweight install option for real-time monitoring and administration thus reducing storage costs. Automated, expert advice from a complete holistic view of the database, and intelligent alerts based on trends and statistics help optimize application performance, reduce the need for specialized skills and lower total cost of ownership.

Learn how you can tie in application performance with database performance to get maximum results using less resources.

We'll also show an example of how to perform end-to-end tuning of your application, pulling in the necessary information that let's you:

- Define the collection period you need
 - Access and refine view of your system's query activity
 - Collect host variable and parameter marker information
 - Deploy selectivity override profiles for access path improvements
- Compare workloads to see access path improvements and improve CPU consumption

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SPEAKERS:

Adrian Burke, IBM

Adrian Burke is an Open Group Master Certified IT Specialist on the DB2 SWAT team based out of the Silicon Valley Lab, lead by John Campbell. In this role as a technical advocate for DB2 for z/OS Adrian conducts consulting and educational workshops, DB2 health checks, and availability studies for DB2 for z/OS customers. Previously, as a DB2 Advisor, Adrian supported hundreds of DB2 for z/OS customers from a technical sales perspective delivering consultative and educational workshops. Adrian has spoken at numerous DB2 Regional User Groups both in the U.S. and abroad as well as presented at IDUG, SHARE, and IOD. He is also a published Redbook author on material dealing with DB2 performance.

Best Practices plus Example Scenarios to Address These Questions Around Distributed Application Access to DB2 z/OS:

- Understand connection pooling on distributed servers.
- How it works with DB2, and what the pitfalls are for server configuration settings and application programming techniques.
- How to troubleshoot problems with distributed applications using DB2, like the "DSRA9110E Connection is closed" problem or "DSRA9110E Statement is closed" problem.
- What causes DB2 threads to hang up or time out, and what if anything does that do to locks when that happens.

DB2 12...It's Not the End It's the Beginning

DB2 12 will usher in a new era of DB2 for z/OS migration, functionality, and flexibility. With the uptake of agile development the internal development as well customer adoption of DB2 features is shifting. DB2 12 embraces the concept of continuous delivery to ship valuable functionality through the maintenance stream without the burden of adopting a new release in the process. DB2 12 continues to focus on our key precepts of reliability, availability, and security as well as CPU reduction through the exploitation of central storage. This release will shift the previous boundaries around data sharing, table space size/definition, buffer pools, as well throughput. Tell your friends you are coming to learn about the ORIGINAL enterprise level, on-premise, cloud data server...

Kay Groski

Kay is a Certified Technical Sales Special for Public, Healthcare and Life Sciences covering Data Platform and Cloud Data Services (CDS) for clients in the East. She is certified in multiple versions of DB2 LUW and Optim.

DashDB Demo and Technical Review: Kay Groski – IBM

Kay will walk you through the steps to create and load a dashDB database leveraging IBM database skills you already have! An appropriate topic for both DB2 LUW and DB2 z/OS audiences and those with other database knowledge as well. A great way to augment your data environment that is quick, simple, and data ready for analysis in no time.

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