DB2 for z/OS Tools Overview & Strategy

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Agenda

- Introduction
- Portfolio
- IDAA
- Strategic Initiatives
- Summary
Introduction to the DB2 and IMS Tools

- **Unparalleled Investments in:**
  - Product development
  - Technical support
  - Migration and Implementation
  - Customer Partnerships

- **Continue to improve and expand our portfolio**
  - Continuous product improvement providing more value
  - Integrated and Autonomic Solutions
  - Modern GUI interfaces to attract new talent
  - New Products to address new concerns
  - Best Practices for IMS and DB2

- **Remain flexible and responsive**
  - Adjust plans to accommodate customer requirements

- **Bottom Line**
  - We succeed if we help our customers be successful with IMS and DB2
# DB2 for z/OS Tools Portfolio

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## IBM Tools Base for z/OS

### Database Administration
- DB2 Administration Toolkit SAP Edition
- Data Studio

### Utilities Management
- DB2 Utilities Suite
- DB2 Automation Toolkit SAP Edition

### Backup and Recovery
- DB2 Log Analysis Tool
- DB2 Change Accumulation Tool
- DB2 Object Restore Tool
- Application Recovery Tool for IMS and DB2 Databases

### Performance Management
- OMEGAMON XE for DB2 Performance Monitor
- DB2 Buffer Pool Analyzer
- DB2 Performance Toolkit SAP Edition
- Optim pureQuery Runtime
- Transaction Analysis Workbench

### Testing and Migration Management
- Optim Query Capture and Replay for DB2 on z/OS
- DB2 Path Checker
- DB2 Bind Manager
- InfoSphere Data Architect

### Information Governance
- InfoSphere Guardium
- InfoSphere Optim Data Growth
- InfoSphere Optim Data Privacy
- InfoSphere Optim Test Data Management
- InfoSphere Guardium S-Tap for DB2

### Information Integration
- InfoSphere Information Server Enterprise Edition
- InfoSphere Information Server for Data Integration
- InfoSphere Information Server for Data Quality
- InfoSphere Information Server for Business Information Exchange
- InfoSphere Data Replication for DB2 for z/OS
- InfoSphere Classic Federation Server
- InfoSphere Classic Data Event Publisher for z/OS
- InfoSphere Classic Replication Server for z/OS

### Business Analytics and Data Warehousing
- Cognos Business Intelligence for z/OS
- Cognos Business Intelligence for Linux on System z
- SPSS for Linux on System z
- DB2 Query Management Facility (QMF)
DB2 Tools & IDAA - Working Together
Maximize the ROI for IDAA

DB2 Utility Enhancement Tool

OMEGAMON for DB2 PE

Monitor

DB2 Query Monitor

IDAA Advanced Load

DB2 High Performance Unload

Load

Optim Query Workload Tuner

Tune

DB2 SQL Performance Analyzer

Administer

DB2 Admin Tool
DB2 Tools & IDAA - Working Together
Maximize the ROI for IDAA

- **Query Monitor** now shows the cost of queries processed by IDAA
  - Drill down by plan, to individual query to see resources, such as CPU, elapsed time, GetPages, etc
  - Demonstrates cost differences for query that is accelerated vs. same non-accelerated query

- **Optim Query Workload Tuner for z/OS**
  - Identify and tune query Accelerator specific workloads

- Monitor batch statistics, accounting and record trace reporting of IDAA subsystems, queries and metrics using **OMEGAMON XE for DB2 PE**

- **High Performance Unload for DB2** to Load IDAA data quickly

- **DB2 Administration Tool** manages accelerators (display, start, stop)

- **DB2 SQL Performance Analyzer** evaluates SQL queries without executing them to help forecast SQL performance
Tools Strategic Initiatives Summary

- **Increase technology lead over other vendors**
  - Extend zIIP exploitation lead
  - Integrate FlashCopy solutions to replace current backup, unload and load processing
  - Exploit zEnterprise environment to optimize resource utilization

- **Enhance Usability of IBM Solutions**
  - Convert Windows clients to browsers & exploit mobile technology
  - z/OS Management Facility and WebISPF
  - Implementation of key product features based on user feedback

- **Increase solution integration and common architecture**
  - Shared Object and Utility Profiles
  - Common configuration definitions and management
  - Stored Procedure interfaces to facilitate integration

- **Introduce new solutions to address customer pain points**
  - Capture/Replay technology, cloning, archiving, auditing, data masking, workload tuning, …
  - Potential others – managing DB2 real storage pools, DB2 in a private cloud, …

- **Advanced autonomies capability throughout portfolio**
  - Passive & active autonomies with complete oversight and control
  - Validation of existing utility runs, identification of gaps & exposures
  - Runtime job planning and resource management based on past execution
IBM DB2 Tools - Why?

- **Our focus is lowering your costs associated with IT management**
  - Resources, Data availability, Administrator productivity
  - Free up staff and resources to drive business growth and optimization
  - Think strategically about your IT investment

- **IBM is in the unique position of building both the Tools and the Database**
  - Uniquely focused on Best Practices for DB2
  - Teamwork between DB2 Development and DB2 Tools to make sure we have complementary products
  - The broadest portfolio of solutions for your full set of business requirements
  - “Day One” support for each new GA release of DB2

- **Committed to the long-term future of the System z platform**
  - Investment exceeds all other vendors

- **Being in the tools market allows us to**
  - Continue our on-going effort to reduce the cost of the System z platform

- **Bottom Line …**
  - “We succeed if we help you to be successful with DB2 and IMS”