

IBM Software Information On Demand 2012

October 21 – 25 Mandalay Bay | Las Vegas, NV

IBM InfoSphere Optim Configuration Manager Makes It Easy to Manage and Control Your Distributed Environment

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Agenda

Top pain points at Fidelity Investments

 Solving pain points at Fidelity Investments using IBM InfoSphere Optim Configuration Manager (OCM)

- OCM Feature Summary
- OCM Future Roadmap

TRM

IBN.

Top pain points at Fidelity Investments





Case 1: Bad Behaving SP

Problem:





Case 1: Bad Behaving SP

Goal:



Case 2: High Priority Workload



Case 2: High Priority Workload

Goal:



Case 3: Tune JDBC Client Workload Properties IBM. to Throttle Connections

Problem:



Case 3: Tune JDBC Client Workload Properties IBM. to Throttle Connections

Goal:



Case 4: Manage JDBC Driver Versions and Configurations

Problem:



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Case 4: Manage JDBC Driver Versions and Configurations

Goal:



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Solving pain points at Fidelity Investments

IBM InfoSphere Optim Configuration Manager (OCM)





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PP #1: Isolate "rogue" Apps or Test "new" Apps IIM.



PP #2: Conform Apps to WLM Service Classes



PP #3: Throttle Connections

TBM.



PP #4a: Understand Your Environment

Easily answer questions like ...











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Feature Summary

IBM InfoSphere Optim Configuration Manager (OCM)



InfoSphere Optim Configuration Manager

Understand Your Environment

- Explore client and database server properties
- *Create* a baseline inventory of clients for upgrades

Control Clients (JCC, CLI, .NET)

- Isolate/Throttle "rogue" Apps to *limit impact on the SYSPLEX*
- **Enforce** best practices configuration – WLM, WLB, WAS Pool
- **Redirect** client connections for high availability or staged roll-out Note: With OCM client install

Solve Problems Faster

Prevent problems by scheduling configuration compare jobs that issue Alerts for differences Keep configurations in synch **Debug** problems faster by reviewing recent changes made to client or server configurations

Centrally Manage Entire DB2 z/OS Environment



- **Deploy** Location Aliases or Application Profiles with DB2 for z/OS v10
- Define zParms with DB2 for z/OS v9 or DB2 for z/OS v10
- Show changes made via z Admin Tool and z Admin OC Tool



Key Server Management Tasks





Key Client Management Tasks



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Change Management in OCM

Ability to tag connections as a set

Example, East Cluster vs West Cluster

² Ability to manage client rules as a set

- Create a Rule Set with one or more Rules
- Export rules in a set
- Get approval via existing CM processes
- Activate/De-activate <u>all</u> Rules in the Rule Set
- Check status of each Rule
- Clone a Rule Set work off-line for easy modification



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Future Roadmap

IBM InfoSphere Optim Configuration Manager (OCM)



VNext and Beyond – not a commitment

- Focus on improving usability and performance
- Support new features in DB2 zV11
- Tune IDAA query acceleration
- Improve security management
- Allow control over more driver properties both static and dynamic
- Provide more analytics on statistical data already gathered from the driver or WAS
- Remotely control JCC trace



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VNext and Beyond – not a commitment – contd.

- Compare two or more configurations (1-N)
- Compare two data sharing configurations
- Clone a new configuration from an existing one
- Synchronize database connection properties across all tools in the enterprise
- Build a registry of tools identify tools with older versions needing migration
- Centrally enforce best practice database connection properties across all tools e.g. isolation level
- Simplify OCM client-side deployment



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Backup



Scenario (DB2 for z/OS): Bad App identified by OMEGAMON for DB2 or Query Monitor for DB2



OCM – DB2 for z/OS Admin Tool Integration

Key Use Cases

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- 1. **Problem Determination** quickly determine what changed in the environment, who changed it, what DDL was used, and when
- 2. Reporting generate a report of all changes
- 3. Cross-environment Validation prevent issues by validating that the same change was correctly made on all subsystems

