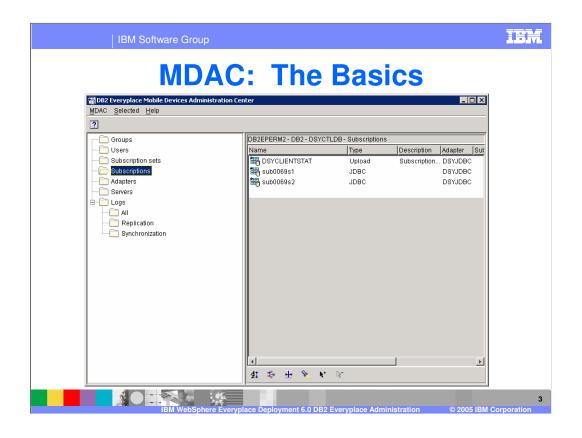


Agenda

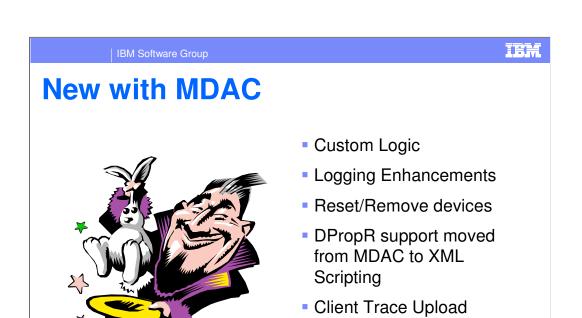
Mobile Device Administration Center (MDAC)
The Basics
What's New?
The future of MDAC

XML Scripting
The Basics

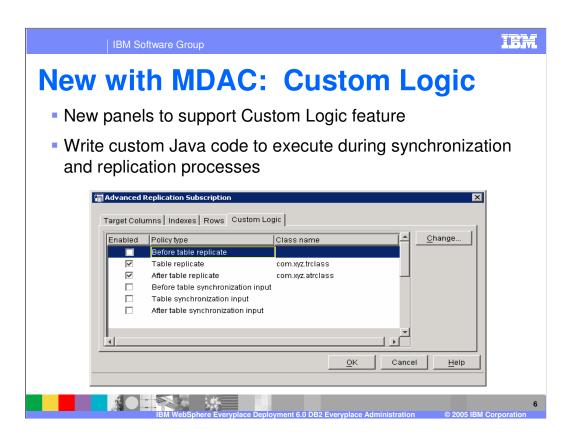
What's New?

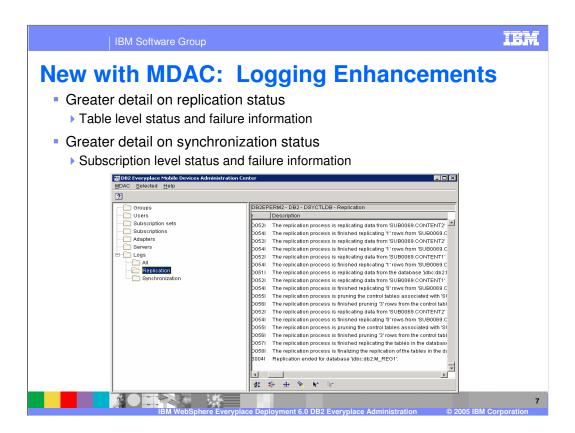


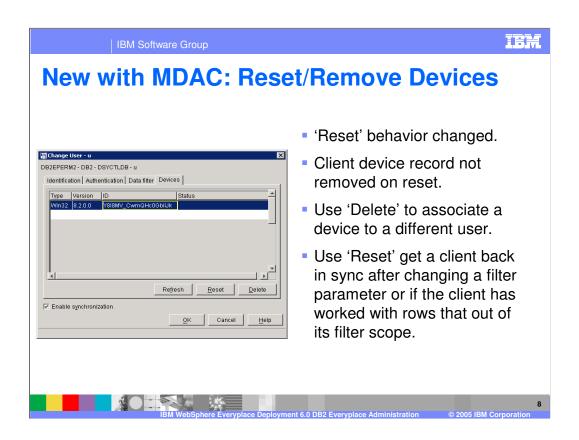




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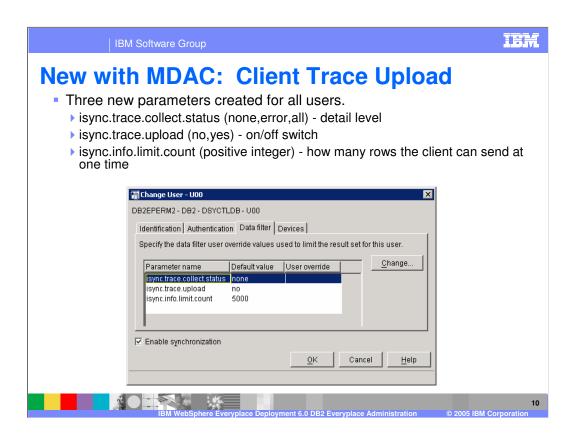


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New with MDAC: DPropR support moved

- DPropR support has been fully integrated with XML Scripting to make these tasks easier.
- DPropR subscription support removed from MDAC due to discontinued support of UDB v7 on the Sync Server and MDAC's reliance on UDB CC v7 classes.

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XML Scripting: Basics

The everything you can in MDAC

- Do everything you can in MDAC...
- Except:
 - look at the logs
- Plus:
 - Set/view properties
 - ▶ Setup DPropR subscriptions
 - ▶ Prune mirror tables
 - ▶ Replicate

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IBM XML Scripting: Basics (cont.) <?xml version="1.0" encoding="UTF-8"?> <WhereClauseMirrorToMobile></WhereClauseMirrorToMobile> <!DOCTYPE Root SYSTEM
"file:/com/ibm/mobileservices/xmlscripting/mdas3.dtd"> <WhereClauseMasterToMirror>(bin1 > 80) AND (bin1 < 150)</WhereClauseMasterToMirror> <JoinFilter>G</JoinFilter> <AddJdbcSubscription> <Order>1</Order> <Encrypt>N</Encrypt> <Name>sub0067s</Name> <Description></Description> <AddColumn> <SubAdapter>DSYJDBC</SubAdapter> <SourceColumn>AIN1</SourceColumn> <TargetColumn>AIN1</TargetColumn> <EncryptionLevel>0</EncryptionLevel> <Block>N</Block> <Subscribe>Y</Subscribe> <MasterDb>jdbc:db2:REG1</MasterDb> <Replicate>Y</Replicate> <MasterDriver>COM.ibm.db2.jdbc.app.DB2Driver <Key>Y</Key> <MirrorDb>jdbc:db2:M_REG1</MirrorDb> </AddColumn> <MirrorDriver>COM.ibm.db2.jdbc.app.DB2Driver <AddColumn> <SourceColumn>BIN1</SourceColumn> <TargetSchema>SUB0067</TargetSchema> <TargetColumn>BIN1</TargetColumn> <TargetTable>CONTENT1</TargetTable> <Subscribe>Y</Subscribe> <Replicate>Y</Replicate> <SourceSchema>SUB0067</SourceSchema> <SourceTable>CONTENT1</SourceTable> <Key>N</Key> <DeleteAuth>Y</DeleteAuth> </AddColumn> <InsertAuth>Y</InsertAuth> <UpdateAuth>Y</UpdateAuth> </AddJdbcSubscription> <SelectAuth>Y</SelectAuth> </Root>

BM Software Group

XML Scripting: Basics (cont.)

- Use dsyadminxml.bat/sh to apply (-d) xml scripts or extract them (-x)
- When extracting xml scripts you can:
 - ▶ Generate Add/Remove tags corresponding to the objects in dsyctldb
 - ▶ Include/Exclude certain object types in your script
- dsyadminxml.bat -x myfile.xml -include subs
- dsyadminxml.bat -d myfile.xml

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XML Scripting: What's New

- Simplified DPropR Support
- Replicate tag
- Prune tag
- Remove/Reset Changes
- Encrypted Password Support



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New with XML Scripting: Simplified DPropR Support

- Requires DB2 UDB 8.2
- All the DPropR setup can be done automatically - no more messing around with Replication Center
- Old 'associate only' method still functions
- Flexibility of selecting Tablespaces and Apply Qualifiers.
- Still need to start Capture process manually on source.

- <AddReplMaster
 CreateDPropRControlTables="
 TRUE">
- <AddReplMirror
 CreateDPropRControlTables="
 TRUE">
- <AddDproprSubscription
 Replicate="FALSE"
 SetupDPropRSourceAndMirror=
 "TRUE">



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New with XML Scripting: Replicate Tag

<ReplicateMirror Timeout="60">
 <Database>jdbc:db2:SRCDB</Database>
</ReplicateMirror>

- Allows replication to be performed while executing XML Script.
- Alternative to dsyreplicate.bat/sh
- Timeout attribute is maximum number of seconds to wait to start replicating (in case replication is already being performed).



IBM

New with XML Scripting: Prune Mirror Tables PruneMirror PruneAll="TRUE"/>

<PruneMirror PruneAll="FALSE"> <Database>jdbc:db2:MRRDB</Database> </PruneMirror>

- New mirror table, DSY.EHxxxx, (Extended History) introduced in DB2 Everyplace Version 8.2
- Can grow rather large in some circumstances
 - Large volatility of data
 - ▶ Long delays between device synchronization
- Normally pruned periodically in the Sync Server, but additional pruning may be desired
 - After resetting/deleting a number of devices
 - ▶ Before performing some sort of database maintenance

M Software Group

New with XML Scripting: Reset/Remove Devices

<ResetDevice><Id>_mWkRSupl9j9jBYWr4jg</Id></ResetDevice>

- <RemoveDevice><UserName>user1</UserName></RemoveDevice>
- <RemoveDevice><Id>_mWkRSup19j9jBYWr4jg</Id>
- Same reasons as with MDAC.
- The terminology is different but the action is the same. XML Scripting has RemoveDevice instead of Delete.

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New with XML Scripting: Encrypted Password Support

<AddJdbcMaster>

- Allows passwords to be entered as encrypted values instead of clear text.
- Default when script is generated with -x option.
- Get your own encrypted passwords for use in XML Scripts with dsyencrypt.bat/sh utility.
- Security by obscurity.

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Presentation Title

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