Customer results from the banking industry

📋WLX Audit™ for DB2 z/OS

WLX Audit™ for DB2 z/OS works solely with IBM Technology. It gathers all static & dynamic SQLs from EDM & DSC Caches by STC to OPx and efficiently uses IFCIDs 23, 24, 25, 62, 90, 91,140,141,142,143,144, 219, 220, 316, 318, 400, IFCIDS 401.

From our experience with the banking industry we established an effective process where our WLX Audit replaces the homegrown customer solution.
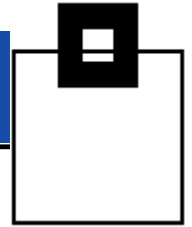

1 Requirements

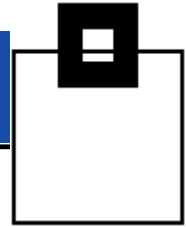**2** **Setup:** WLX Audit implementation & reports

3 **Customization:** DCL, DML, DDL capture

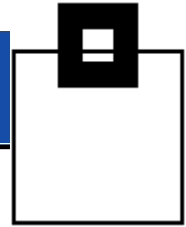We'd like to share this experience with you now...

Requirements:

- Capture DDL, DCL, DML from 'inside' as well as DDF
- Capture any activity in a UoR
- Capture static and dynamic SQL statements
- Show logon id as well as functional id
- Generate daily audit reports matching give filters
- Generate specific reports matching specific SQL statement classification
- Generate reports based on RACF id/group
- Generate unified reports for a data sharing group, as well as individual subsystem
- Email reports to DB2 Auditor group
- Capture DB2 online utilities
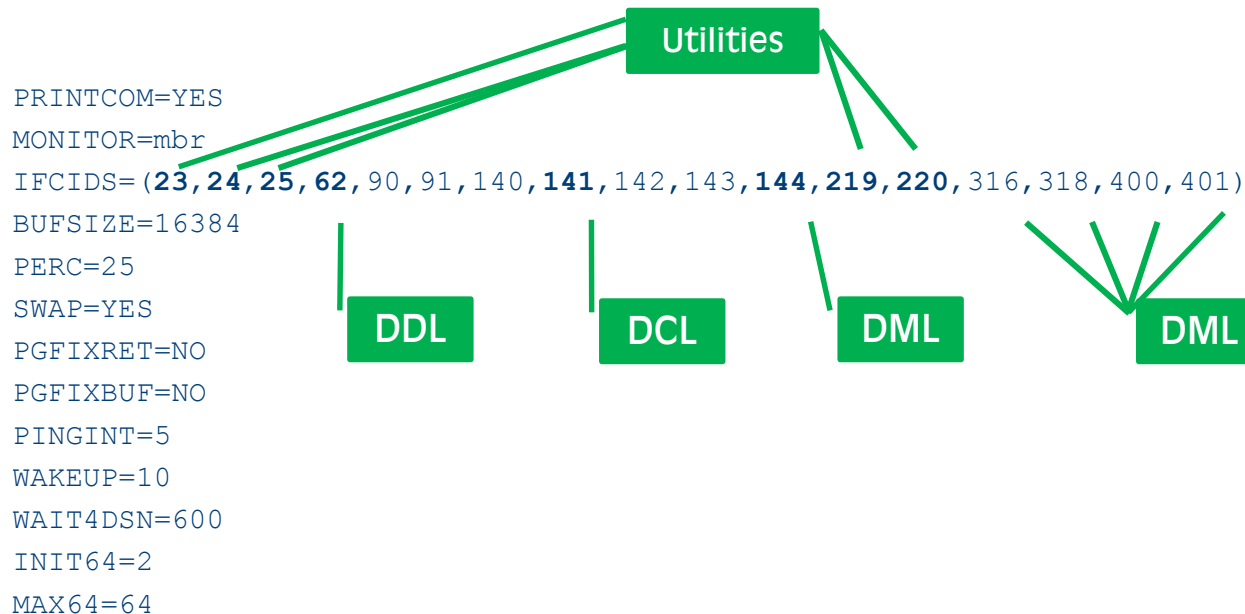- Merge multiple systems reports

Setup:

- WLX STC HA implementation
  - STC at the LPAR/DB2 DS member level to assure continuous capturing even during LPAR restart

- Workload processing once a day to generate daily audit reports
  - Automated via job scheduler
  - All DB2 systems merged into a common report
  - Objects and activity (DML, DDL, DCL) filtered
  - Reports sent via Email

- Specific reporting as needed via GUI
  - In-depth suspect analysis
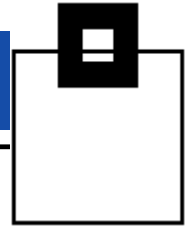 - Banking authority quarterly/annual reports

Customization:

- *Capture DDL, DCL, DML from 'inside' as well as DDF*
- *Capture any activity in a UoR*
- *Capture static and dynamic SQL statement*
- *Capture DB2 online utilities*

```
PRINTCOM=YES
MONITOR=mbr
IFCIDS=(23,24,25,62,90,91,140,141,142,143,144,219,220,316,318,400,401)
BUFSIZE=16384
PERC=25
SWAP=YES
PGFIXRET=NO
PGFIXBUF=NO
PINGINT=5
WAKEUP=10
WAIT4DSN=600
INIT64=2
MAX64=64
```

Utilities

DDL   DCL   DML   DML

Your feedback or questions are welcome

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