



- Implementation of Customer Requirements
- VSAM to relational with VSAM Redirector
 - Normalizing Database handler
 - ·Store VSAM data in a normalized form into a relational database

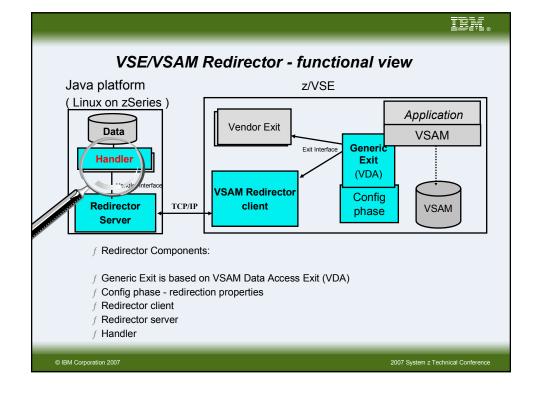
VSAM Capture Exit

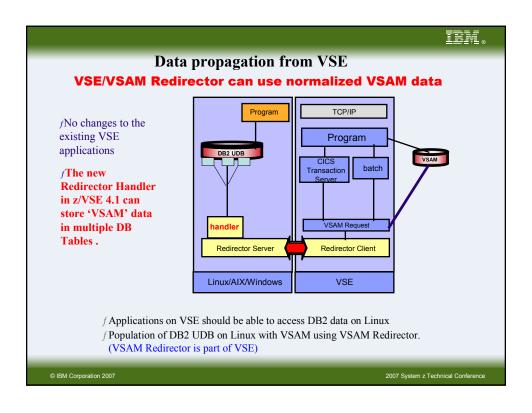
- part of the VSAM Redirector. It captures all changes done in a VSAM cluster.
- creates a delta record in another VSAM cluster (that is a "delta file")
- the delta record/message contains the data of the changed record and information about when (timestamp) and by whom (partition, phase name, origin value, etc.) the record was changed.
- These data can be processed asynchronous by another program or system.
 - for example using the VSE Connectors can be used to read the delta cluster and process the records
- Alternativelly, the Capture Exit can be used to create a MQ Message

© IBM Corporation 200

2007 System z Technical Conference

IIM.





New Redirector handler in z/VSE 4.1 • Handler to Normalize VSAM data • store one VSAM record in multiple tables • based on VSAM indicator fields • administrator decision • for synchronization only (owner = VSAM) - READS are done from VSAM • relation between tables to be unique • definitions via GUI (mapping configuration) • SQL loader provided for database load • RedirLoader - fast initial LOAD of a database from VSAM • MQLoader - MQ trigger application • DeltaLoader - Processing of the Delta file - insert into the database

