



SAP Landscape Transformation – How Discount Tire Leveraged SLT

Jay Westberg, Senior Solutions Architect, Discount Tire
Session ID # 84264

About the Speakers

Jay Westberg

- Senior Solution Architect, Discount Tire
- Solid technical experience on different SAP solutions currently focusing on SAP administration and SAP Upgrade project

Shashi Reddy

- Director, Discount Tire
- Enterprise strategic planning with a focus on future technology platform enablement

Key Outcomes/Objectives

1. Understanding Discount Tire use of SLT
2. Challenges
3. Cross Database Comparison

Agenda

- Introduction
- What is SLT?
- Landscape
- SLT at Discount Tire
- Challenges
- Cross Database Comparison

Discount Tire

- Discount Tire Company headquartered in Scottsdale, AZ is the world's largest independent tire and wheel retailer.
- 1031+ stores across 35 states
- Discount Tire provides a range of product choices, affordable prices and expert staff.
- Our 1975 “Thank you” commercial holds the Guinness World Record for the longest running TV advertisement.

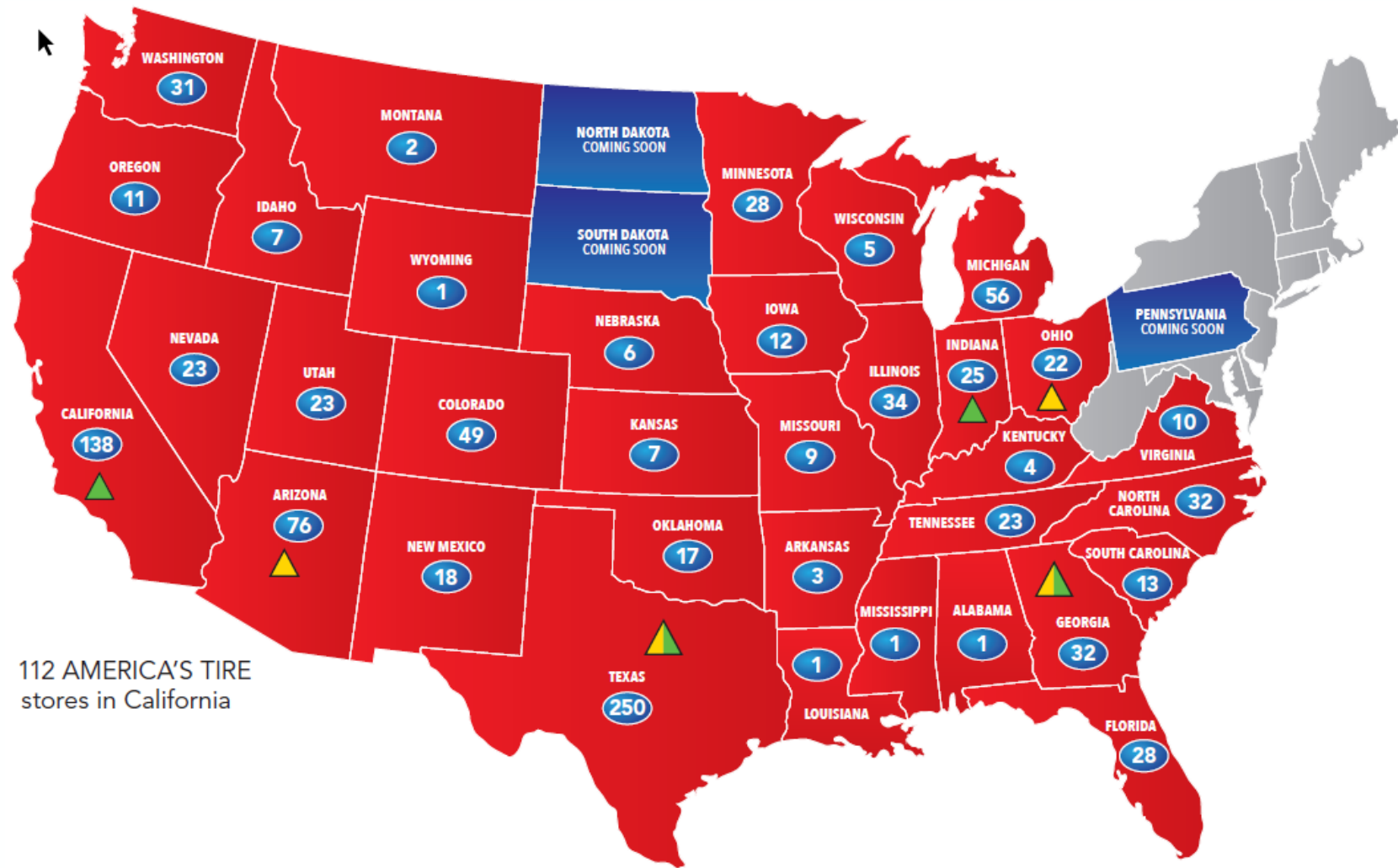
DISCOUNT[®]
TIRE

AMERICA'S[®]
TIRE

DISCOUNT[®]
TIRE DIRECT

ASUG

Discount Tire

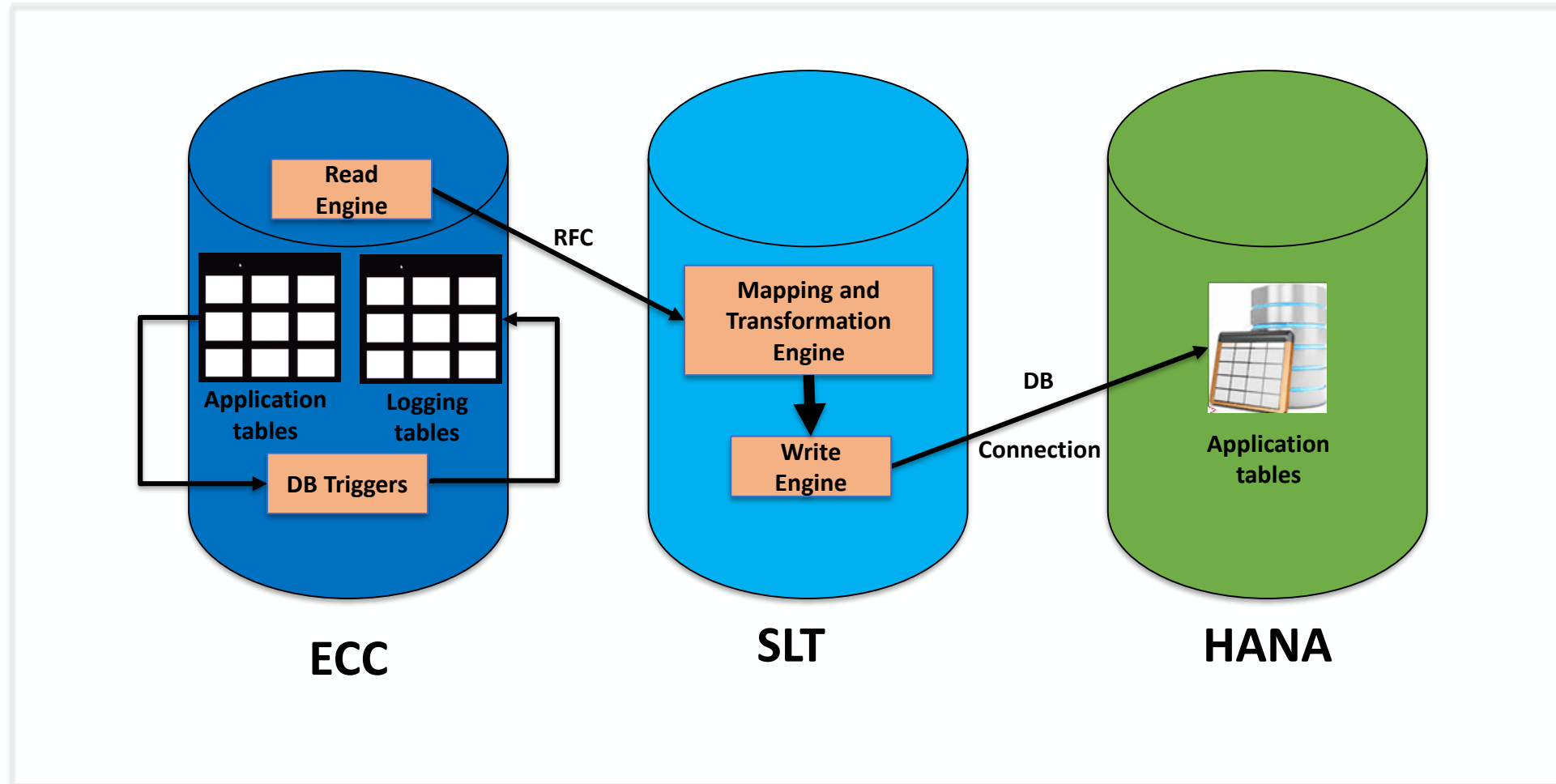


112 AMERICA'S TIRE stores in California

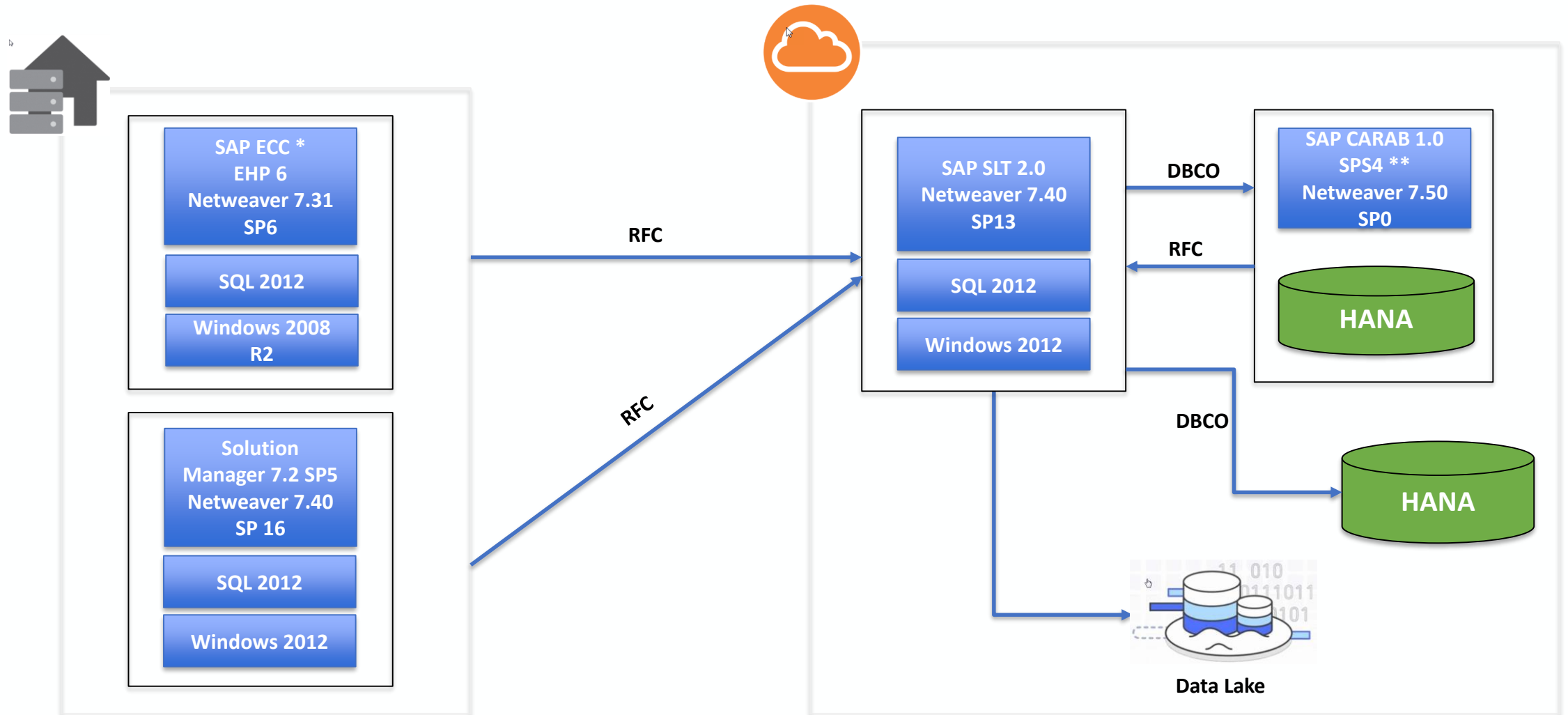
What is SAP Landscape Transformation 2.0?

- ETL tool
- Real-time or scheduled replication
- Runs on Netweaver 7.0 or higher using DMIS component
- Supports SAP and non-SAP on source

What is SLT?



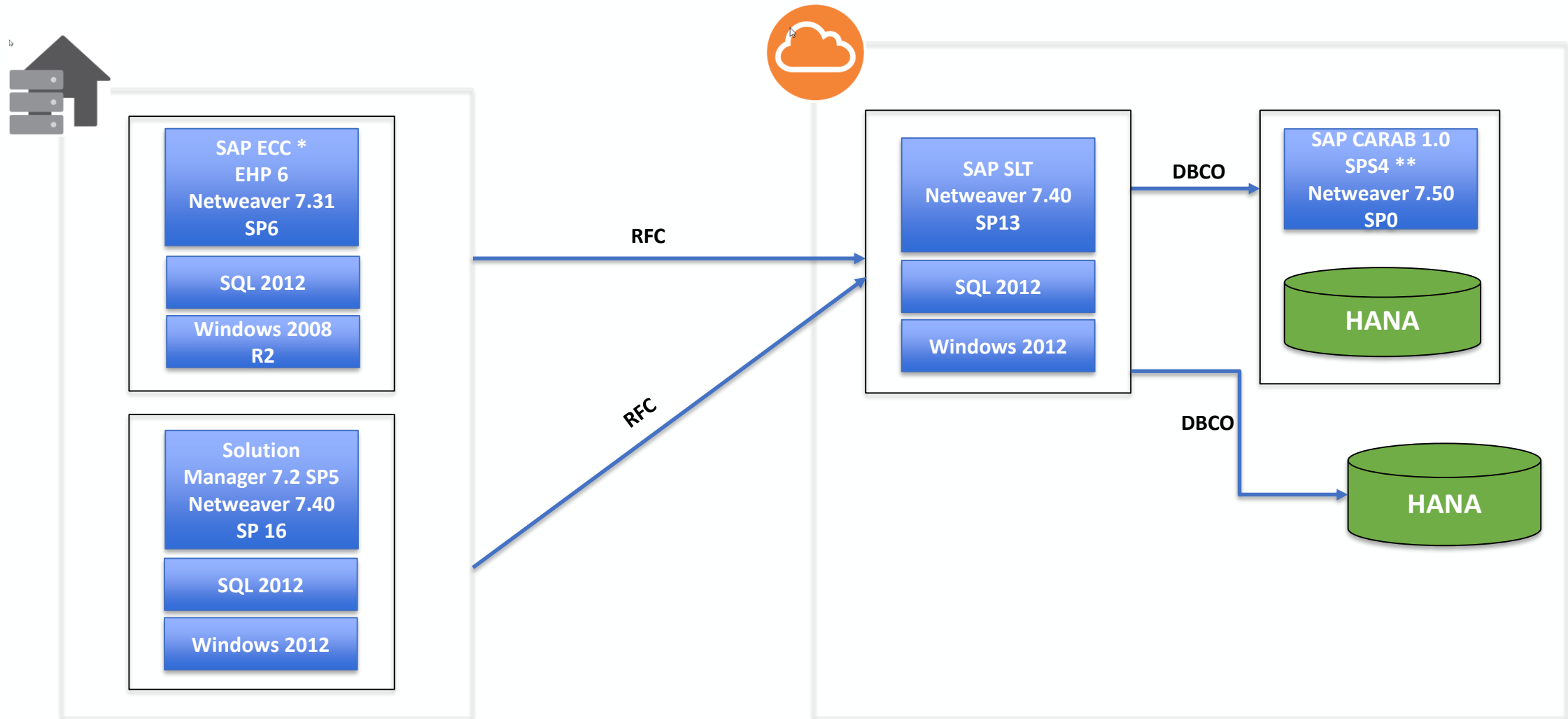
Landscape Architecture



* ECC Upgrade EHP8, NW 7.50 SP13, HANA 2.0, OS upgrade 2012

** CAR Upgrade CARAB 4.0, NW 7.52 SP3, HANA 2.0

Why SLT?



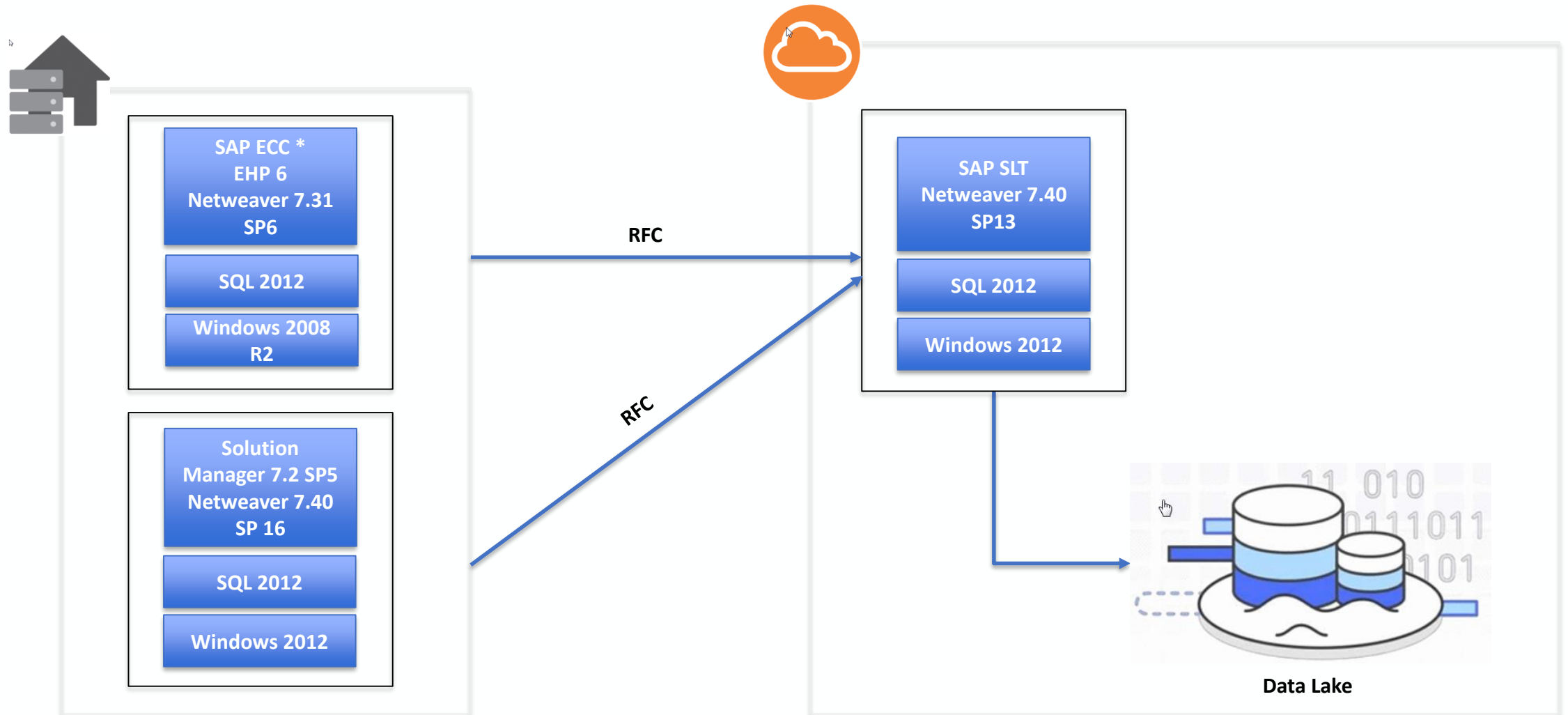
* ECC Upgrade EHP8, NW 7.50 SP13, HANA 2.0, OS upgrade 2012

** CAR Upgrade CARAB 4.0, NW 7.52 SP3, HANA 2.0

SLT at Discount Tire

- ECC to HANA database
 - Proprietary
- ECC to Customer Activity Repository HANA
 - Support CAR application bundle
 - Support operational reporting
 - Support Enterprise functions and services

Data Lake Integration



* ECC Upgrade EHP8, NW 7.50 SP13, HANA 2.0, OS upgrade 2012

** CAR Upgrade CARAB 4.0, NW 7.52 SP3, HANA 2.0

SLT at Discount Tire

- ECC/CAR to Data Lake remove detailed content
 - Strategic reporting
 - Requirement
 - Options:
 - Informatica
 - AWS Tools
 - SAP Data Service
 - SLT
 - Why SLT was selected

Challenges

- ECC to Datalake
 - SLT data transfer to AWS S3
 - High data volumes
 - Data quality audit process
 - Deadlocks
- Upgrade DMIS SP9 to SP13
 - Leverage Note Analyzer
 - Leverage Service Marketplace

Challenges

- ECC to CAR Operational Reporting
 - Financial report discrepancy between CAR and BW
 - Custom report comparing ECC to HANA
 - Why Cross Database Comparison
 - How CDC was implemented
 - Issues during implementation of CDC

Cross Database Comparison

Comparison:	ZECC_CAR_STG_ZTB_PUR_FORECAST	Comparison Description:	ZECC_CAR_STG_ZTB_PUR_FORECAST	Comparison Version:	0002
Data Model:	ZECC_CAR_STG_ZTB_PUR_FORECAST	Data Model Description:		Version:	0002
Run ID:	0000000005	Start Date:	03/29/2019 13:26:54	End Date:	03/29/2019 13:40:10
Iteration ID:	0	Start Date:	03/29/2019 13:26:54	End Date:	03/29/2019 13:40:10
Objects Expected from Source 1:	2,471,838	Objects Expected from Source 2:	2,471,838	Progress:	100.00 %
Objects Processed:	2,471,838	Confirmed at/by:		Comparison Scenario:	Std Comparison with Detailed Results up to "Max Differences"
Comparison Status:	Finished	Source Type 1:	SAP ABAP System (RFC to Generic Extractor)	Source Type 2:	Remote Database (Using ADBC)
Message Text:	Comparison run 5 finished				

Parameters for Source Type 1

RFC Destination: SM_RTQCLNT100_READ

Parameters for Source Type 2

Database Connection Name: HCS

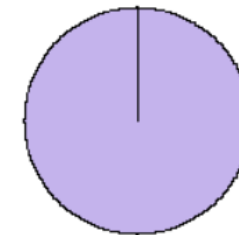
Result Overview

View: [Standard View] | Print Version | Export | Rename Inconsistency Types

Type of Inconsistency	Number of Objects	Percentage	Number of Objects (Iteration)	Percentage (Iteration)
Objects Compared	2,471,838	100.00 %	2,471,838	100.00 %
Objects Identical	2,471,838	100.00 %	2,471,838	100.00 %
Objects Exist Only in Source 1	0	0.00 %	0	0.00 %
Objects Exist Only in Source 2	0	0.00 %	0	0.00 %
Objects Exist with Differences	0	0.00 %	0	0.00 %

Type of Inconsistency

Hide Identical Objects



- Objects Exist Only in Source 1
- Objects Exist Only in Source 2
- Objects Exist with Differences
- Objects Identical

Demo

Microsoft Teams

SLT presentation recording

2019-04-26 15:57 UTC

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Presentation Materials

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Q&A

For questions after this session, contact us at [email] and [email].

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