

Customer Experience: CA Gen and HP Integrity NonStop BladeSystem

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CAGen – Migrating to HP Integrity NonStop Blade System Overview

Overview

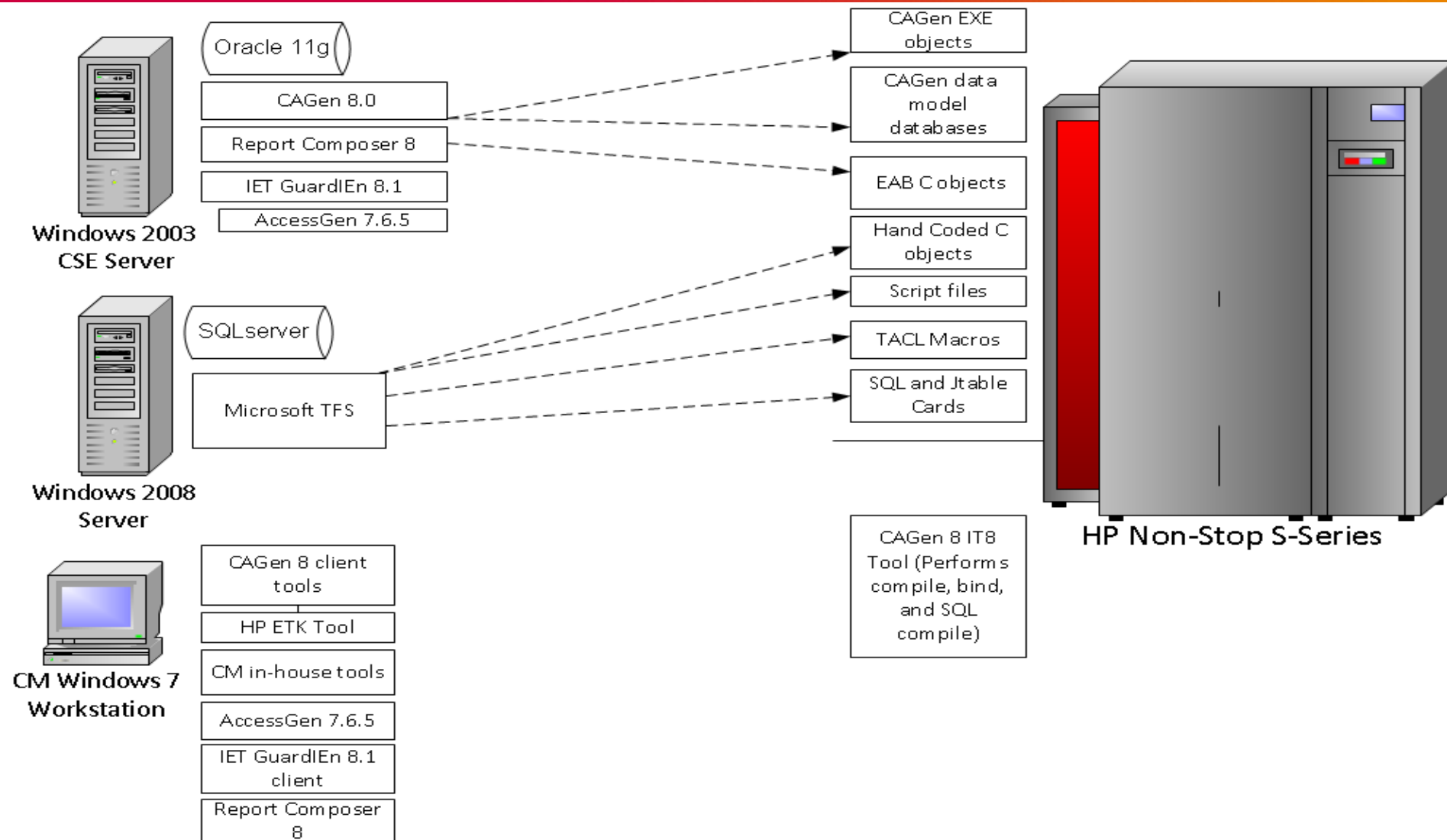
- CAGen configuration
 - CA CAGen partners
- Current Medicaid claims processing system running on HP NonStop S-Series
- Catalyst for migrating existing Medicaid system to other platforms
- Migrating from HP NonStop S-Series to HP NonStop Blade platform using CAGen 8
- Questions

CAGen Configuration

- CAGen 8 CSE/Windows 2003 and CAGen 8 Comm Bridges/Windows 2008
 - 106 Models per source environment (5 environments total)
 - CSE contains the core of our large Medicaid claims processing system via a component based development architecture
 - NonStop CAGen servers (generated in C for NonStop target)
 - Transaction and batch processing packaged as online (no screen)
 - Component and Assemblies packaged as cooperative
 - Heterogenous mixture of .Net services , VB 6, and Java applications/services that use CAGen .Net, COM, and Java proxies to communicate with NonStop CAGen assembly servers via CAGen 8 Comm Bridges.

- Canam - Report Composer 8
 - RC Bulk generator
- IET - GuardIEn 8.1
- Response Systems - AccessGen 7.6.5
 - Upgrade Console

CAGen Configuration



Current Medicaid Claims Processing System Running on HP NonStop S-Series

- HP NonStop S-Series Hardware:
 - (2) 16 processor S88000 systems (16 full height cabinets)
 - SCSI HD (12 TB total)
- Medicaid system on the S-Series:
 - 29 claims processing engines in parallel
 - 1.5 million claims processed per week
 - 20000 interactive transactions per hour
 - 1500 batch jobs per week for settlement and reporting
 - 6 TB production MP database

Catalyst for Migrating Existing Medicaid System to other Platforms

- Current HP NonStop S-Series hardware and software end of service life
 - Costs of maintaining NonStop S-Series service and support
- Prohibitive cost of implementing a new Medicaid claims processing system
 - High risks associated with implementing a new Medicaid system
- Performance needs to meet increasing volume of Medicaid services
 - Recent changes to federal healthcare laws will result in significant increases in Medicaid enrollment

Catalyst for Migrating Existing Medicaid System to other platforms

- CMS (Centers for Medicare and Medicaid Services) has recently published MITA 3.0 (Medicaid Information Technology Architecture) standards
 - MITA standards drive state Medicaid systems toward SOA, with the goal of integrated business and IT transformation across the various Medicaid programs

Migrating from HP NonStop S-Series to HP NonStop Blade Platform using CAGen 8

- HP NonStop Blade hardware:
 - 8 Processor NB54000c (quad core) (3 cabinets, half full)
 - SAS fiber channel and serial HD (11 TB)
- HP NonStop Blade performance:
 - 6-8 claims processing engines in parallel
 - Faster processing capability
 - Faster HD access
- Blade migration requirements
 - HP NonStop Blade support within CAGen 8
 - CAGen 8 Beta for port to Blade
 - Migrate MP DB, Batch Scheduler, and other NonStop infrastructure to Blades
 - Recompile all CAGen and hand-coded applications that make up Claims processing

Migrating from HP NonStop S-Series to HP NonStop Blade Platform using CAGen 8

- CAGen 8 Beta port to Blade
 - HP and CA worked out the logistics of getting CA a Blade to test the beta
 - Setup DEV and Regression MP DBs for beta on the Blade
 - Setup DEV build and Regression execution environments for beta on the Blade
 - Setup regression batch scheduler
 - Generation and build of entire RI, EAB, Component archives on Blade DEV environment
 - Several claims system regression runs on both S-Series and Blade to compare results
 - Regression comparisons successful, beta signed off in mid October 2012

Migrating from HP NonStop S-Series to HP NonStop Blade Platform using CAGen 8

- S-Series to Blade migration approach
 - Add new Blade servers to Servernet Cluster
 - CA to release CAGen 8 GA version for Blade support
 - Migrate MP DBs (for all environments) to Blade
 - Migrate Claims processing applications in a phased approach over the timeline of about one year
 - Migrate batch scheduler
- Future enhancements on Blade
 - CA support of HP NonStop MX DB

HP NonStop Blade Platform Reference

- NonStop Blade link:
 - <http://h20195.www2.hp.com/v2/GetPDF.aspx/4AA3-2201ENW.pdf>

questions

thank you