Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle’s products remains at the sole discretion of Oracle.
Oracle SOA @OAL

- Spanned across 8 Weblogic domains (B2B/ SOA/ OSB/ BAM/ CEP/ ODI)
- Connecting 30+ systems
- 100+ Integrations (B2B/A2A/Cloud)
- 290k Messages/day on SOA & 200k Messages/day on OSB
- 58% of transactions are Business Critical including – MOS, GTM, Printers, FS, Cloud Ordering, SPM, DAS, Quoting etc.
OAL SOA 12c Upgrade (11.1.1.7 -> 12.1.3)

- Jan 2015: Approvals & Resourcing
- Apr 2015: Upgrade Planning & Feasibility Analysis
- Oct 2015: Test Environment Upgrade
- Nov 2015: Test Environment Upgrade Complete
- Jan 2016: Go-Live
- Mar 2016: UAT Environment Upgrade
Issues Encountered

- **OWSM** - Specific use case (FA Release 9.2 → SOA 12c → FA Release 9.2) stopped working after the upgrade. Identified as compatibility issue and a patch fixed the problem.

- **B2B** – After applying a generic AQ transport fix, all messages, going to standard inbound AQ, started failing with transaction error. Identified as a regression.

- **OSB** – Incorrect location in effective WSDL generated for SOAP proxy service. Also performance issue while loading effective WSDL for a SOAP proxy. Received a bug fix which solved the issue.

- **BAM** – Selecting a special value like "All" in a surface prompt resulted in no value being displayed in the view. Identified as a regression.
Learning's

• Planning is the key - In-place upgrade vs Side-by-side upgrade
• Follow Enterprise Deployment Guide
• Apply latest/recommended patches
• Tune as per observation/implementation
• Upgrade alerting/monitoring implementation
• 12c is backward compatible
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Integrated Cloud
Applications & Platform Services