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Best Practices to Migrate SAP Process Integration 7.1 to SAP Process Orchestration 7.4

Session ID 6663
Vimaladhithan SMR
Cognizant Technology Solutions
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AGENDA

- BUSINESS CHALLENGES
- BEST PRACTICE
- BENEFITS
Business Challenges

Restrictions & Performance

High TCO on External 3rd party Adapters

Unsecured connections and message processing
AGENDA

- BUSINESS CHALLENGES
- BEST PRACTICE
- BENEFITS
### Abbreviations Used

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>SAP PI</td>
<td>Process Integration</td>
</tr>
<tr>
<td>SAP PO</td>
<td>Process Orchestration</td>
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<tr>
<td>BRM</td>
<td>Business Rules Management</td>
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<tr>
<td>BPM</td>
<td>Business Process Management</td>
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<tr>
<td>ccBPM</td>
<td>Cross-component Business Process Management</td>
</tr>
<tr>
<td>AEX</td>
<td>Advanced Adapter Engine Extended</td>
</tr>
<tr>
<td>B2B</td>
<td>Business-to-Business</td>
</tr>
<tr>
<td>EDI</td>
<td>Electronic Data Interchange</td>
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<tr>
<td>SOAP</td>
<td>Simple Object Access Protocol</td>
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<tr>
<td>AS2</td>
<td>Applicability Statement 2</td>
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</table>
SAP Process Orchestration

- SAP PI (AEX)
- BPM + BRM

→ SAP PO
"T shirt Sizing" to determine the hardware needs.
Migration to SAP PO using DCM Tool

SAP PI
- 75% ABAP
- 25% JAVA

SAP PO
- 100% JAVA

Cognizant
Testing

cCBPM recreation in NW BPM

Seeburger EDI structure is not same as B2B Add-on EDI structure
Before and After Migration

SAP Process Integration
- ABAP
  - ccBPM
  - HTTP Adapter
  - XI Adapter
- JAVA
  - Enterprise Service Repository
  - Advanced Adapter Engine
- SAP CE
  - BPM & BRM

SAP Process Orchestration
- JAVA
  - Enterprise Service Repository Advanced Adapter Engine Ext (HTTP/SOAP Adapter)
  - BPM & BRM
  - B2B Add-on
Technical Benefits

- Equipped for Cloud & HANA
- Simplified IT Landscape
- Integrity of messages
- Easier to Configure / Monitor / Tune
Customer Benefits/Feedback

- Low TCO through B2B ADD-ON.
- Addition of web dispatcher for secured connections with AS2 adaptors.
- Runtime improvement through more throughput and easy delivery of Bulk & huge messages.
- Eclipse-based tool for Configuration by I-Flows to speed up the development.
SUMMARY

Mature & widely adopted Integration Platform

One solution for Integration

Major Enhancement for better performance

HANA for better intelligent Business Operations

Suitable for on premise

Suitable for Cloud
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Thank you for attending my session!

For questions, contact me at:
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Thank you for your time

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