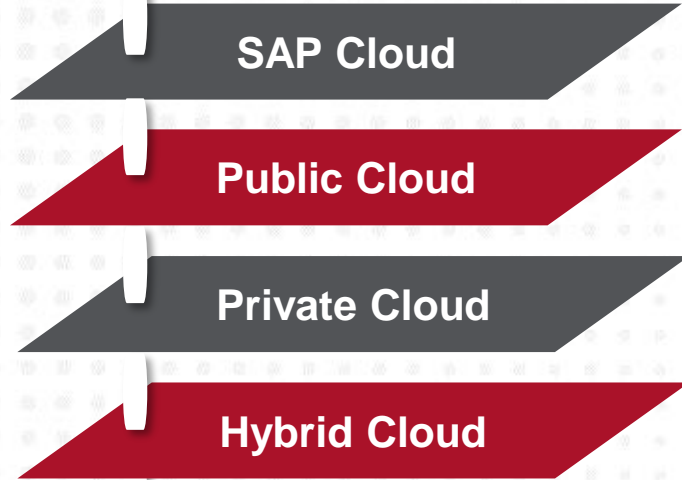




Tech
Mahindra
SAP Cloud Practice

TechM SAP Cloud Offering

Enable Customer's Digital Transformation



Embrace Initiative



SAP® Certified
in Hosting Operations

SAP® Certified
in SAP HANA® Operations

60+ Data center Managed	50+ SAP Migration Projects
150+ DC Consolidation, Migration	500+ SAP Instance Managed
750,000+ Infrastructure Assets managed	10000+ Application Assessed
NZDT Transformation/ Migration	2+ PB Data Migrated
240+ Client Base	6000+ Application Migrated

Offerings



TechM Differentiator

Passport NxT

App modernization framework

MAC

(Migration Accelerators to Cloud)

iCOPS

(Intelligent Cloud Subscription & Operations)

mpac™

Hybrid Multi-cloud platform



Tech Mahindra epselon

SAP Certified Tool for Accelerated HANA Transformation



TechM Unified Data Migration Framework

SAP Cloud Advisory Service

- SAP Assessment Services of SAP Cloud Transformation
- Design & Architecting workshop
- Solution Design & enablement.



Transformation to HANA & S/4 HANA

- Accelerated Transformation using SAP Certified “TechM Epselon”
- Impact Assessment
- Value Discovery & Business process mapping
- Migration Services

SAP Workload Migration

- Design , Architecting and Deployment infrastructure for SAP workloads
- Homogeneous & Heterogeneous Migration
- Pre requisite Upgrades (Version, Kernel & DB)
- SKU based delivery & Migration Factory

Enhance SAP Solutions

- Industry specific platform Solutions
- Leverage AI/ML and Leonardo Integration
- Transform Enterprise Analytics through Cloud Analytics

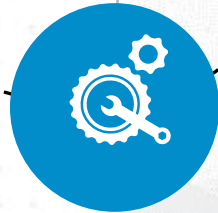
Discover

- SAP Applications
- SAP Bolt-on Applications
- Dependent Non-SAP Application



Analyze

- Complexity
- Dependency
- Business Criticality
- Application Fitment



Categorize

- Migration Ready
- Requires Additional Preparation
- Requires Transformation

Roadmap

- Impact assessment
- Indicative Timeline
- Deployment Option
- Roadmap for Migration / Transformation & Solution approach



SAP Application Cloud Readiness Check Service



Systems in Scope

Landscape	Active	Source				Target				PRD			
		OS	DB	OS	DB	Cloud Ready	DEV	QAS	STG	Size	App	Jval/ Dual	N
ECC 6.0 EhP6	Y	AIX 7.1	Oracle 12.2	Oracle Linux 7	Oracle 12.2	Y	Y	Y	Y	31402	7	N	
SAP CRM 7.02	Y	AIX 7.1	Oracle 12.2	Oracle Linux 7	Oracle 12.2	Y	Y	Y	Y	7843	N	N	
SAP GW 7.40	Y	AIX 7.1	Oracle 12.2	Oracle Linux 7	Oracle 12.2	Y	Y	Y	Y	510	N	N	
SAP PI 7.3	Y	AIX 7.1	Oracle 12.2	Oracle Linux 7	Oracle 12.2	Y	Y	Y	Y	2453	Y	N	
SAP MDM 7.1	Y	Win 2008 R2	Oracle 12.2	To be decided		Y	Y	Y	Y	180	N	N	
SAP Contact Center 7.0	Y	Win 2008 R2	MSSQL 2008	Win 2016	MSSQL 2016	Y	Y	Y	Y	70	N	N	
SAP Fed 7.3	Y	AIX 7.1	Oracle 12.2	Oracle Linux 7	Oracle 12.2	Y	Y	Y	Y	50	Y	N	
SAP CRM 7.02 (Java)	Y	AIX 7.1	Oracle 12.2	Oracle Linux 7	Oracle 12.2	N	Y	Y	Y	5640	Y	N	
SAP Portal 7.4	Y	AIX 7.1	Oracle 12.2	Oracle Linux 7	Oracle 12.2	Y	Y	Y	Y	40	Y	N	
Solman 7.2	Y	AIX 7.1	Oracle 12.2	Oracle Linux 7	Oracle 12.2	Y	Y	Y	Y	366	N	N	
Trex 7.1	Y	Win 2012 R2	-	Linux	-	Y	Y	Y	Y	-	-	N	
Web Dispatcher	Y	RHEL	-	Linux	-	Y	Y	Y	Y	-	4	N	

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* CRM Java 7.02 is not certified to run on cloud requires upgrade of CRM (ABAP / Java / BMC)

High Level Migration : Options

Migration Approach	Tools	Approach
SAP Heterogeneous System Copy	SAP SWPM	<ul style="list-style-type: none"> Perform prerequisite check in target VM in Cloud Setup SAP infrastructure on cloud Export SAP system for target cloud Move the migration dump to cloud Import the system on the Cloud using SAP heterogeneous system copy procedure. Perform post migration activities in target cloud Application validation
SAP Heterogeneous System Copy (Using RMAN - Backup / Restore - Cross Platform)	RMAN	<ul style="list-style-type: none"> Perform prerequisite check in target server Setup SAP infrastructure on target Install database software and Create database on the target environment Full backup of source database and restore on target after conversion Delta backup of source database and restore on target Cutover - Stop source application and restore final delta backup / metadata on the target Perform post migration activities in target environment Application validation
Tool based Approach	Transformation Toolset	<ul style="list-style-type: none"> User Transformation Toolset to perform Shell copy and do progressive data Migration. Delta Migration during Production cutover

Key Drivers

- Platform Compatibility
- Infrastructure compatibility
- Network Bandwidth
- Database size
- Application Dependency
- SAP Product Support
- Business Downtime

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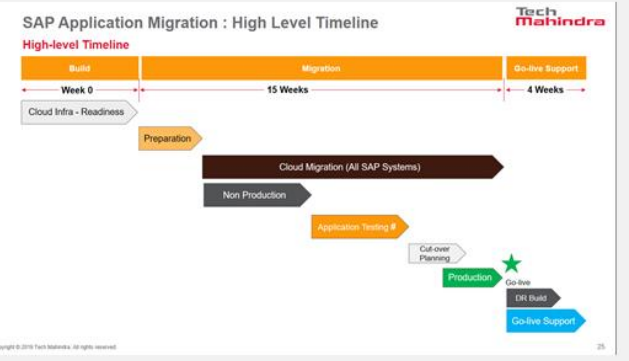
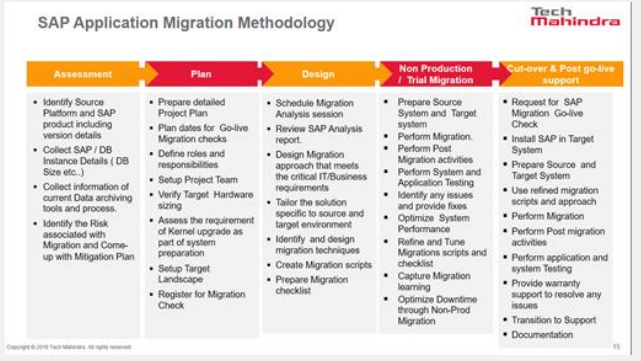
Cloud Readiness for Linux / Oracle

Application Name	Current OS / DB	Target OS (For Cloud)	Cloud Migration Requirements - SAP Product	DB Compatibility for Cloud
ECC 6.0 EhP6	AIX 7.1 / Oracle 12.2	Oracle Linux	Yes	Yes
SAP CRM 7.02	AIX 7.1 / Oracle 12.2	Oracle Linux	Yes	Yes
SAP GW 7.40	AIX 7.1 / Oracle 12.2	Oracle Linux	Yes	Yes
SAP PI 7.3	AIX 7.1 / Oracle 12.2	Oracle Linux	Yes	Yes
SAP MDM 7.1	Win 2008 R2/Oracle 12.3	TBD	Required to be assessed and finalize migration option	-
SAP Contact Center 7.0	Win 2008 R2/MSSQL 2008	Win 2016 / MSSQL 2016	Yes	-
SAP Fed 7.3	AIX 7.1 / Oracle 12.2	Oracle Linux	Yes	Yes
CRM 7.02 - JAVA	AIX 7.1 / Oracle 12.2	Oracle Linux	SAP NW Java to be updated to 7.1 or high-CRM Stack requires upgrade	Yes
SAP Portal 7.4	AIX 7.1 / Oracle 12.2	Oracle Linux	Yes	Yes
Solman 7.2	AIX 7.1 / Oracle 12.2	Oracle Linux	Yes	Yes
Trex 7.1	Win 2012 R2	Linux	Yes	-
Web Dispatcher	RHEL	Linux	Yes	-

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Cloud Readiness - Provides the high-level view of Certified Product can run on Cloud

Sample Outcome



Thank You

