Oracle Cloud (OCI) & Cloud4C
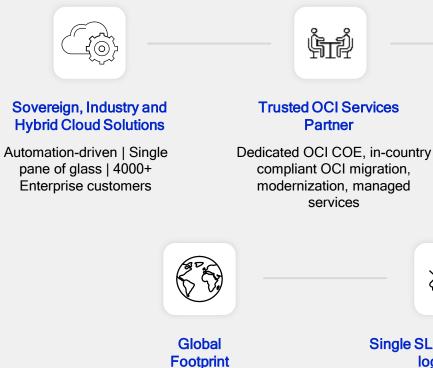
Driving business growth together

www.cloud4c.com

Cloud4C Introduction

A Multi-cloud, Application Focused Managed Services Partner for mission critical environments in Large enterprises and Fortune 500 companies

Sovereign, Industry and Hybrid Cloud Solutions

Automation-driven | Single pane of glass | 4000+ Enterprise customers

Trusted OCI Services Partner

Dedicated OCI COE, in-country compliant OCI migration, modernization, managed services

Vertical Specific Offering

Reference architectures across Banking & Financial services, Insurance, Healthcare, Pharma, Manufacturing etc.

Global Footprint

30+ countries, 55+ locations | Headquarter: Singapore | 2000+ employees

Single SLA at Application login layer

Highest Application Availability* (99.95%)

Gartner Recognition

Cloud4C proud to be named as

Visionary

in Gartner Magic Quadrant for
Public Cloud IT Transformation Services, 2021

Market Guide for Backup as a Service, 2021

Vendor Identification for SAP Application Service Providers, 2021

Market Guide for Public Cloud Managed and Professional Services Providers, Asia/Pacific, 2020

OCI Credentials

ORACLE | Partner

Cloud Solutions Provider Expertise

Oracle Business Impact Partner of the Year 2023 - MEA and Türkiye Tech/Cloud

Global Footprint | HQ: Singapore

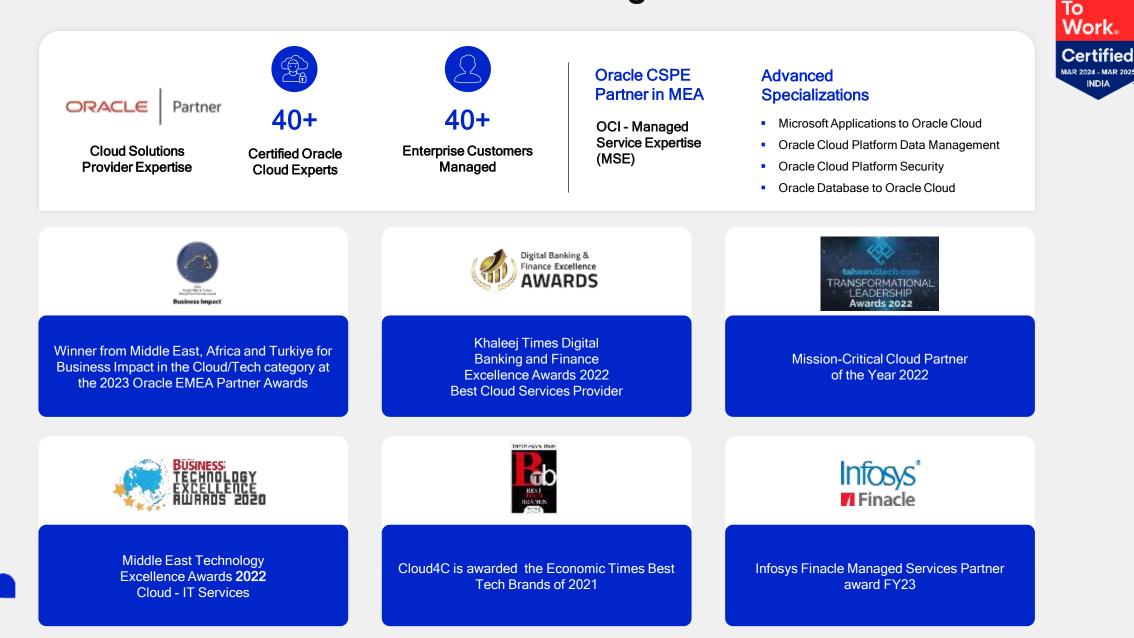USA | LATAM | Europe | APAC | Middle East | India

Europe

- Netherlands
- Switzerland
- UK
- Portugal
- Belgium
- Luxembourg

Canada

North America

- USA
- Mexico

- Morocco

India

Asia Pacific

- Japan
- Singapore
- Thailand
- Malaysia
- Indonesia
- Philippines
- South Korea
- Hong Kong
- Vietnam
- Cambodia

South America

- Colombia

ME

- Saudi Arabia
- UAE
- Qatar
- Turkey
- Oman
- Egypt

ANZ

- Australia
- New Zealand

- Angola
- Nigeria

finma

United Arab Emirates

India

S Korea

Saudi Arabia

Oman

Singapore MAS

Indonesia OJK

Australia irap

➔ Local In-country hosting complying to central bank

➔ Certified and skilled Global SMEs

➔ 30+ countries 55+ locations

Awards and Recognitions

Great Place To Work® Certified MAR 2024 - MAR 2025 INDIA

ORACLE | Partner
Cloud Solutions Provider Expertise

40+
Certified Oracle Cloud Experts

40+
Enterprise Customers Managed

Oracle CSPE Partner in MEA

OCI - Managed Service Expertise (MSE)

Advanced Specializations
- Microsoft Applications to Oracle Cloud
- Oracle Cloud Platform Data Management
- Oracle Cloud Platform Security
- Oracle Database to Oracle Cloud

Business Impact
Winner from Middle East, Africa and Turkiye for Business Impact in the Cloud/Tech category at the 2023 Oracle EMEA Partner Awards

Digital Banking & Finance Excellence AWARDS
Khaleej Times Digital Banking and Finance Excellence Awards 2022 Best Cloud Services Provider

tahawultech.com TRANSFORMATIONAL LEADERSHIP Awards 2022
Mission-Critical Cloud Partner of the Year 2022

BUSINESS TECHNOLOGY EXCELLENCE AWARDS 2020
Middle East Technology Excellence Awards **2022** Cloud - IT Services

B tb BEST TECH BRANDS
Cloud4C is awarded the Economic Times Best Tech Brands of 2021

Infosys® Finacle
Infosys Finacle Managed Services Partner award FY23

Cloud4C OCI Service Packages: Fastrack Your Cloud Journey.

Fully Managed Mission-critical Transformations Powered by Oracle Cloud.

Highest Availability. Risk-proof. Total Control.

Assessment Packs

Service	Scope	Implementation Timeline (Man days)
Assessment Pack of upto 50 VM	▪ Assessment of workload for building migration blueprint **Discovery -> Assessment -> Analysis -> Blueprint** ▪ OS : Windows / Linux ▪ DB : Oracle / MySQL / MS SQL / PostgreSQL ▪ Networking : On premise network devices (Firewall, LB, WAF, Routers) configuration review (Subnets, Routing, VRF, LB rules, WAF Rules) ▪ Security : Security tools deployed and current security posture analysis ▪ Application dependency mapping	2 Weeks
Assessment Pack - Enterprise upto 100 VM	Assessment of workload for building migration blueprint **Discovery -> Assessment -> Analysis -> Blueprint** ▪ OS : Windows / Linux ▪ DB : Oracle / MySQL / MS SQL / PostgreSQL ▪ Networking : On premise network devices (Firewall, LB, WAF, Routers) configuration review (Subnets, Routing, VRF, LB rules, WAF Rules) ▪ Security : Security tools deployed and current security posture analysis ▪ Application dependency mapping ▪ Compliance Mapping and Review (Technical Controls)	4 Weeks

* Custom packs above 100 VMs will be created based on the requirement

Landing Zone Build - Standard

Service	Scope	Implementation Timeline
Landing zone build with standard security - Basic (Hub / Spoke Architecture)	**Landing Zone Basic : Build using OCI Native Components** ▪ Tenancy Creation ▪ Policies : Identity and access management ▪ Compartment creation ▪ Firewall Deployment & Configuration (OCI default) ▪ Load balancer and WAF setup (OCI default ▪ Creation of VCN (Upto 5 subnet) ▪ Network and Connectivity establishment ▪ Internet gateway ▪ Dynamic routing group (if applicable) ▪ Service gateway (if applicable) ▪ Network Security Groups ▪ Setup of events & notification ▪ Setup and configure key vaults ▪ Enable logging for LZ components ▪ Setup of Cloud Guard ▪ Setup of Bastion Services ▪ Vulnerability scanning	1-2 Weeks

Landing Zone Build - Advance

Service	Scope	Implementation Timeline

Landing Zone Build - Enterprise (Hub / Spoke Architecture)	**Tenancy Creation**
	▪ Policies : Identity and access management
	▪ Compartment creation
	▪ Firewall Deployment & Configuration (OCI default)
	▪ Load balancer and WAF setup (OCI default)
	▪ Creation of VCN (Upto 5 subnet)
	▪ Network and Connectivity establishment
	▪ Internet gateway
	▪ Dynamic routing group (if applicable)
	▪ Service gateway (if applicable)
	▪ Network Security Groups
	▪ Setup of events & notification
	▪ Setup and configure key vaults
	▪ Enable logging for LZ components
	▪ Setup of Cloud Guard
	▪ Setup of Bastion Services
	▪ Vulnerability scanning
	▪ Advance compliance Setup (3rd Party Tools)
	    ▪ 3rd party virtual appliances
	    ▪ Firewall
	    ▪ Load Balancer & WAF
	    ▪ Setup and configure SIEM
	    ▪ HBSS / PIM Services / PT For Public IP
	    ▪ Firewall configuration review
	    ▪ Setup of MFA
		15 Days

Infrastructure & Non-Oracle Apps

Service	Scope	Implementation Timeline
Basic Landing zone build + VM Provisioning - Greenfield	Basic Landing Zone Build + New VM Provisioning up to 20 vanilla VMs + upto 5 DB creation on VM or PaaS for Oracle / MySQL OS Supported : Windows / Linux DB Supported : Oracle / MySQL / MS SQL / PostgreSQL	**2 Weeks**
VM migration	**Basic Landing Zone Build +** • VM Migration assessment and planning for migration • Basic Landing Zone Build • VM Migration upto 15 VM's (DB / Application) • Security Review: Security Review : Cloud Guard, Data Safe, VSS, IDAM **Supported OS / DB** OS : Windows / Linux supported on OCI DB : Oracle (single Instance/ /DBCS/Compute/BareMetal/ ExaCS) / MySQL / MS SQL / PostgreSQL)	**4 Weeks**
VMware migration to OCVS	**Basic Landing Zone Build +** • OCVS installation and Configuration VM Migration assessment and planning for migration • Basic Landing Zone Build • OCVS Installation and Configuration • VM Migration upto 15 VM's (DB / Application) • Security Review: Security Review : Cloud Guard, Data Safe, VSS, IDAM **Supported OS / DB** OS : Windows / Linux supported on OCI DB : Oracle (single Instance/ /DBCS/Compute/Baremetal/ ExaCS) / MySQL / MS SQL / PostgreSQL)	**4 Weeks**

Infrastructure & Non-Oracle Apps

Service	Scope	Implementation Timeline
Move Apps to OCI – Non-Prod	**Basic Landing Zone Build +** Network and connectivity setup VPN/Fast Connect Base J2EE platform provisioning (MP Image/OKE/Manual) Up to 3 Non-Prod environments (1 x HA, if required) Provision Load Balancer/Web Application Firewall SSL certification configuration Security Review: Security Review : Cloud Guard, Data Safe, VSS, IDAM, **WAF**	**4 Weeks**
Move other custom Oracle DB Apps to OCI – 1Non-Prod & 1 Prod	**Basic Landing Zone Build +** Network and connectivity setup VPN/Fast Connect Up to 1 Non-Prod & 1 Prod environments Provision Load Balancer/Web Application Firewall Base instance deployment in the case of WebCenter Base instance and up to 5 (Blended complexity) SOA or OSB hosted integrations or BPM flows Up to 5 Forms and Reports Up to 2 iterations of technical post migration review SSL certification configuration Security Review: Security Review : Cloud Guard, Data Safe, VSS, IDAM, WAF	**4 Weeks**

EBS & Oracle DB Migration

Service	Scope	Implementation Timeline
EBS non-Prod & PROD migration	**Basic Landing Zone Build +** Migration using cloud manager or platform 1 Prod environment with up to 2 trials 2 Non-Prod environments Security Review: Security Review : Cloud Guard, Data Safe, VSS, IDAM etc. (*** DB upgrade based on DB Version, if environment is on non supported version DB would be upgraded ***)	**6 – 8 Weeks**
Oracle Database migration- 1 non-PROD & 1 Prod	**Basic Landing Zone Build +** 1 Non-Prod Databases with average size of 500 GB 1 Prod Databases with average size of 500 GB Downtime based migration Single Iteration Target is VM DB Systems DBCS VM/ExaCS Security Review: Cloud Guard, Data Safe, VSS, IDAM etc.	**4 – 6 Weeks**

NOTE: In case if DB size is more and bandwidth is less for migration there will be direct impact on implementation timelines

Security & Identity

Service	Scope	Implementation Timeline
Security- Set up user management	Basic Landing Zone Build + Configured Single Sign On (SSO) federation with Identity Cloud Service (IDCS) Synchronise identities and groups between on-premises Active Directory and IDCS 1 Non-Prod environment One standard instance, mapped and synchronized to AD for Admin Users and one standard instance, mapped and synchronized to AD for Applications Security Review: Cloud Guard, Data Safe, VSS, IDAM etc. **NOTE: Based on feasibility Cloud4C will support in integrating SSO with standard SaaS products**	4 Weeks
Database security vulnerabilities assessments with remediation advice	Configured Oracle Data Safe for up to 5 supported databases Review assessment output Identified next steps and recommendations	2 Weeks

Disaster Recovery on OCI

Service	Scope		Implementation Timeline

Primary Site on OCI (Generic) Up to 4 Application or 20 VM (including 4 DB)	**Basic Landing Zone Build (for secondary site)+**
	
	• Discovery applications and related infrastructure on OCI platform
	• BCP analysis (IT DR standpoint) to understand the application impact on business
	• Prepare DR blueprint covering
	    ▪ Define RPO and RTO per application
	    ▪ Migration Methodology
	• Database : Live VM with database native replication tool (Covers Oracle, MySQL, MS SQL, PostgreSQL)
	• Non DB VM : Using 3rd party tools e.g Rackware or backup restore mechanism
	    ▪ DR Drill success criteria
	• Build DR site on OCI (Secondary region identified)
	    ▪ Implement DR Site
	    ▪ Validation and Testing (DR Drill - Initial)
	    ▪ Test observation and plan revision for performance and risk mitigation
	    ▪ Setup Monitoring
		Dependency
		
		• Design Architecture and inventory details Primary site workloads
		• Customer stakeholder availability for design and discovery workshops
		• Network IP ranges to be used & communication with primary setup
		• Sign off on Design Document
		• Replication tool to replicate the data
		
		Exit Criteria
		
		• Build of DR Landing Zone
		• Setting up of replication for app and DB workload
		• DR Drill Test
		• Project Documentation
		• Service Acceptance
			3 Weeks

Primary Site on OCI - Oracle Apps Up to 1 Application	**Basic Landing Zone Build (for secondary site)+**
	
	• Discovery applications and related infrastructure on OCI platform
	• BCP analysis (IT DR standpoint) to understand the application impact on business
	• Prepare DR blueprint covering
	    ▪ Define RPO and RTO per application
	    ▪ Migration Methodology
	• Database : Live VM with database replication using ODG
	• Non DB VM : Using 3rd party tools e.g Rackware or backup restore mechanism
	    ▪ DR Drill success criteria
	• Build DR site on OCI (Secondary region identified)
	    ▪ Implement DR Site
	    ▪ Validation and Testing (DR Drill - Initial)
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		Exit Criteria
		
		• Build of DR Landing Zone
		• Setting up of replication for app and DB workload
		• DR Drill Test
		• Project Documentation
		• Service Acceptance
			2 Weeks

Thank You for Your Time

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CLOUD4C
A CtrlS Company

Cloud4C is a global cloud managed services provider serving 4000+ enterprises including 60+ of the Fortune 500 multinationals in 30+ countries spread across Americas, Europe, Middle East, APAC. Equipped with 25 Centers of Excellence, 2000+ skilled and certified cloud experts, comprehensive cloud security framework comprising 40+ security controls, pre-met compliances with leading industry regulations, Cloud4C offers specialized cloud solutions across industry verticals with a single SLA up to application level. Cloud4C has expertise in managing mission critical cloud workloads across Hybrid and multi-cloud environments and successfully delivered cumulative uptime of 99.99% for complex enterprise applications Such as ERP, CRM, BI & BW, Core Banking, Custom Applications etc.