Datatronic
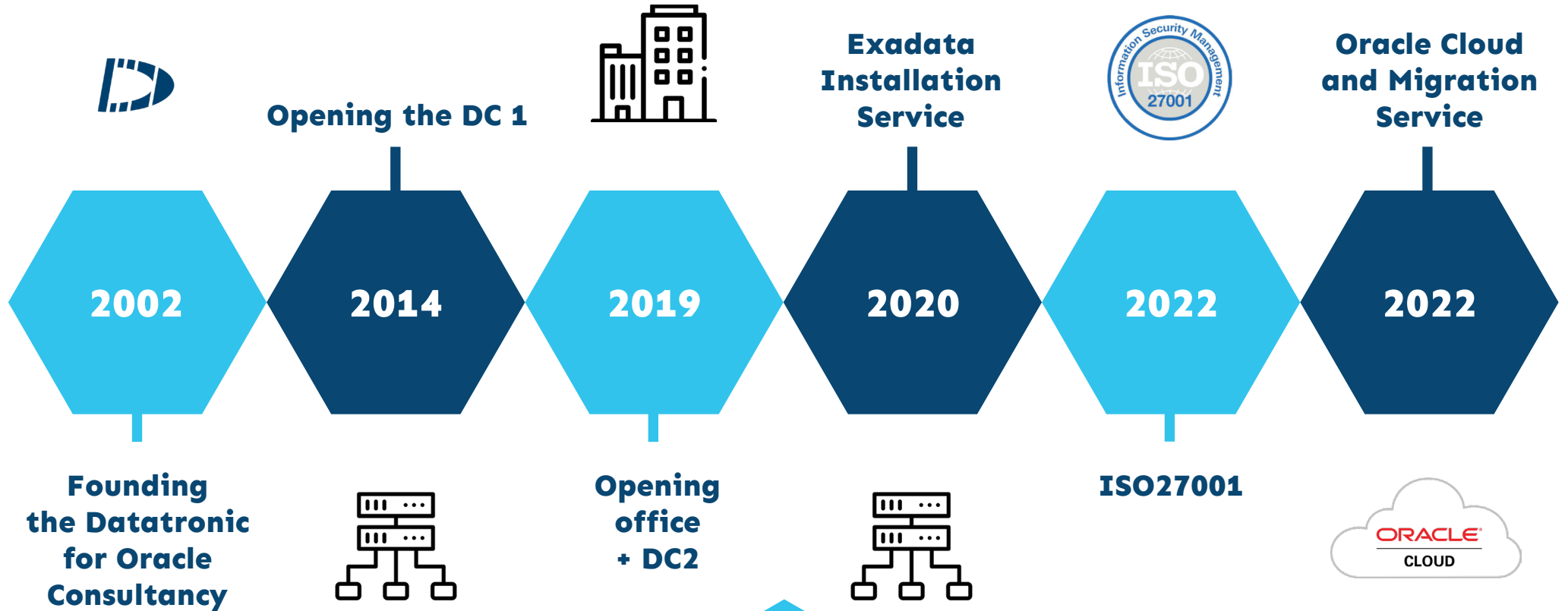
BOOST YOUR ORACLE CLOUD OCI PACKAGES

History of Datatronic

Oracle Certificates

More than 20 years of Oracle experience

ORACLE | Partner

License and Hardware Track

Cloud - Service Track

2019
ORACLE
Certified
Expert
DATABASE 12C
RAC AND GRID INFRASTRUCTURE

ORACLE
Certified
Professional
DATABASE ADMINISTRATOR

ORACLE Certified
Specialist
Exadata Database
Machine X9M
2021

ORACLE Certified
Professional
Oracle Cloud Database
Migration and Integration
2023

ORACLE Certified
Associate
Oracle Cloud
Infrastructure Architect
2021

ORACLE Certified
Professional
Oracle APEX Cloud
Developer

ORACLE | Sell Partner

Expertise in
Exadata Database Machine
in EMEA-CIS

ORACLE | Service Partner

Expertise in
CSSE: OCI Integration
in EMEA–Eastern Europe

ORACLE | Sell Partner

*Expertise in*
Oracle Cloud Platform
in EMEA–Eastern Europe

ORACLE | Service Partner

Expertise in
Cloud Service Solution
OCI Migration
in EMEA–Eastern Europe

Packs

Pack	Description	Mandays
Assesment pack	up to 50 VM,	11-13
	up to 100VM (Enterprise)	16-18
Landing Zone Build	Basic	3-5
	Enterprise	4-6
Infrastructure & Non-Oracle DB	Basic Landing Zone Build + VM Provisioning	4-6
	VM Migration	10-12
	VMware Migration to OCVS	15-20
Custom Development with APEX	Basic	5-8
	Standard	10-14
	Advanced	30-
Multicloud design and implementation		20
Oracle Database Migration		15-17

Assessment Packs
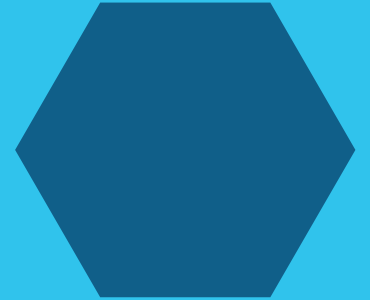
Assessment Pack up to 50 VM

Scope

Verification of the load and preparation of a migration plan

- **OS:** Windows / Linux
- **DB:** Oracle / MySQL / MS SQL/ PostgreSQL
- **Networking:** On-premise network devices (Firewall, LB, WAF, Routers) configuration review (Routing, Subnets, VRF, LB rules, WAF Rules)
- **Security:** Security tools deployed and current security condition analysis
- Checking application dependency

Prerequisites

Configuration of current network and security tools

- Brainstorming with customer teams and Migration sequence planning
- Network IP ranges to be used & communication with On-prem setup
- In case of VM's with dependencies (readiness state), checking and planing OS update, DB update or application update with application vendor /application developers / client IT team
- Access to install discovery tool (if required)

Details

Implementation timeline

- 11 - 13 mandays (if the necessary client-side resources are also available)

Assessment Pack Enterprise up to 100VM

Scope

Verification of the load and preparation of a migration plan

- **OS:** Windows / Linux
- **DB:** Oracle / MySQL / MS SQL/ PostgreSQL
- **Networking:** On-premise network devices (Firewall, LB, WAF, Routers) configuration review (Routing, Subnets, VRF, LB rules, WAF Rules)
- **Security:** Security tools deployed and current security posture analysis
- Application dependency mapping
- Compliance Mapping and Review (Technical Controls)

Prerequisites

Configuration of current network and security tools

- Brainstorming with customer teams for Migration Wave planning
- Network IP ranges to be used & communication with On-prem setup
- In case of VM's with dependencies (readiness state), there might be a need to discuss planning for OS update, DB update or application update with application vendor / application developers / client IT team
- Access to install discovery tool (if required)
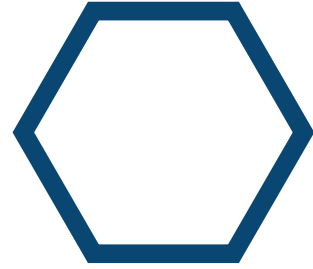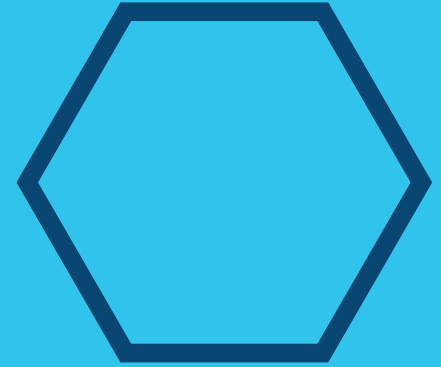- Compliance list & reports (old)

Details

Implementation timeline

- 16 - 18 mandays (if the necessary client-side resources are also available)

Landing Zone Build

Basic Landing Zone Build

Scope

Landing Zone Basic : Build using OCI Native Components
Detail tasks:

- Creation of the Tenancy (if not exists)
- Policies planning: Identity and access management
- Creation of Compartment
- Firewall Deployment & Configuration (OCI default)
- Load balancer and WAF setup (OCI default)
- Creation of fast connect tunnel if this is a requirement
- Creation of VCN (Up to 5 subnet)

- Network and Connectivity establishment
- Internet gateway
- Dynamic routing group (if applicable)
- Service gateway (if applicable)
- Network Security Groups
- Setup of events & notifications
- Setup and configure key vaults
- Enable logging for LZ components
- Setup of Cloud Guard
- Setup of Bastion Services
- Vulnerability scanning

Details

Implementation timeline

- 3 - 5 mandays (if the necessary client-side resources are also available)

Prerequisites

Access for creating tenancy and setup of the LZ

Enterprise Landing Zone Build

Scope

Tenancy creation

- Policies: Identity and access management
- Compartment creation
- Firewall Deployment & Configuration (OCI default)
- Load balancer and WAF setup (OCI default)
- Creation of VCN (Up to 5 subnet)
- Creation of fast connect tunnel if this is a requirement
- Network and Connectivity establishment
- Internet gateway
- Dynamic routing group (if applicable)
- Service gateway (if applicable)

- Network Security Groups
- Setup of events & notifications
- 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

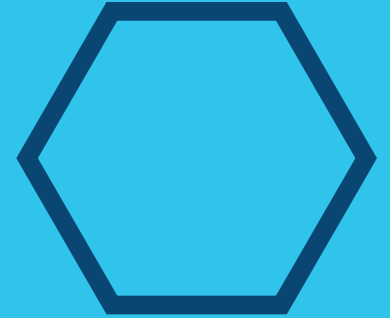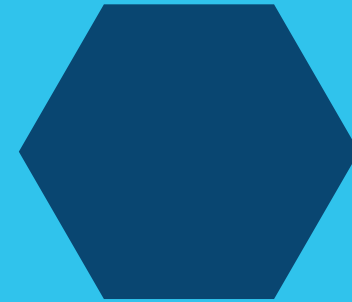## Prerequisites

Access for creating tenancy and setup of the LZ

Details

Implementation timeline

- 4 - 6 mandays (if the necessary client-side resources are also available)

Infrastructure
& NON-ORACLE DB

Basic Landing Zone Build + VM Provisioning

Scope

Landing Zone Build +

New VM Provisioning up to 20 vanilla VMs + up to 5 DB creation on VM or PaaS for Oracle /MySQL

- **OS supported:** Windows / Linux
- **DB supported:** Oracle / MySQL / MS SQL/ PostgreSQL

Prerequisites

- Suitable connectivity (150 MBPS or more)
- IPSEC VPN or FastConnect Connection test
- Tenancy Admin Access granted to the implementation team

Details

Timeline

- 4 - 6 mandays (if the necessary client-side resources are also available)

VM Migration

Scope

Basic Landing Zone Build +

- VM Migration assessment and planning for migration
- Basic Landing Zone Build
- VM Migration up to 15 VM's (DB / Application)
- 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)

Prerequisites

- Suitable connectivity (150 MBPS or more)
- IPSEC VPN or FastConnect Connection test
- Tenancy Admin Access granted to the implementation team
- Details and Naming convention for Compartment, Subnet, VM will be provided

Assumptions:

- No upgrades of Application or DB for VM's
- Post migration testing will be performed by the client

Details

Timeline

- 10-12 mandays (if the necessary client-side resources are also available)

VMware Migration to OCVS

Scope

**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 up to 15 VM's (DB / Application)

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)

Prerequisites

- Suitable connectivity (150 MBPS or more)
- IPSEC VPN or FastConnect Connection test
- Tenancy Admin Access granted to the implementation team
- Details and Naming convention for Compartment, Subnet, VM will be provided
- Migration methodology and Tools need to be agreed on (Rackware or VMware SRM)

Assumptions:

- No upgrades of Application or DB for VM's
- Post migration testing will be performed by the client

Details

Implementation timeline

- 15 - 20 mandays (if the necessary client-side resources are also available)

Custom Development with APEX

Scope

- Oracle Apex Custom design and development
- Integration with other systems
- Interface IN/OUT design and development
- SQL/PLSQL design
- Performance optimalization

Prerequisites

- Customer specification

Details

Implementation timeline

- Basic report and forms application : 5-8 mandays based on Standard sablons and widgets. Including 3-4 forms, 4-5 reports.

- Standard application development: 10-14 mandays. Including 3-4 Complex forms (master-detail), 4-5 Complex report (with diagrams), one integration with other system through apis based on Standard sablons and widgets.

- Advanced application development: from 30 mandays, depends on requirements, integration with other systems , Custom design, Complex reports (with diagrams), Complex forms (master-detail)

Multicloud design and implementation

Scope

- Design and implementation multicloud solution with Azure Database in Oracle, Application in Azure

Prerequisites

- Customer specification
- Suitable connectivity (150 MBPS or more)

Details

Implementation timeline

- 20 mandays

ORACLE DATABASE Migration

Scope

Basic Landing Zone Build +

- 1 Non-Prod Database with average size of 500 GB
- 1 Prod Database 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.
- **NOTE :** In case if DB size is higher and bandwidth for migration is lesser than the scope, there will be direct impact on implementation timelines

Prerequisites

- Suitable connectivity (150 MBPS or more)
- IPSEC VPN or FastConnect Connection test
- Tenancy Admin Access granted to the implementation team
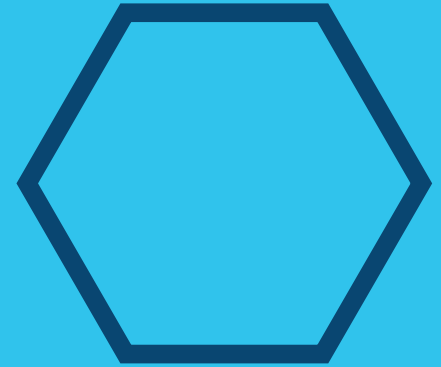- AS-IS Migrations Source version 11gR2 and later

Assumptions:

- Source database servers have sufficient resources (CPU/memory/storage) to perform extracts/exports within the stipulated duration
- No Characterset Conversion
- No Database Consolidation

Details

Implementation timeline

- 15 - 17 mandays

Database Security Vulnerabilities Assessments

With Remediation Advice

Scope

Configured Oracle Data Safe for up to 5 supported databases

- Review assessment output
- Identified next steps and recommendations

Prerequisites

Oracle Cloud Databases
- Autonomous Database on Shared Exadata

Infrastructure
- Autonomous Database on Dedicated Exadata Infrastructure
- Exadata DB systems
- Database Cloud Service on Virtual Machine
- Database Cloud Service on Bare Metal
- Oracle Database on Compute
- Oracle on-Premises Databases

Assumptions:
- Good connectivity >150 MBPS

- IPSEC VPN or FastConnect Connection successfully tested
- Tenancy/On-Premise environment
- Admin/Sysadmin Access granted to the implementation team for the project duration

Details

Implementation timeline

- 5 - 6 mandays

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