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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, timing and pricing of any features or functionality described for Oracle's products may change and remains at the sole discretion of Oracle Corporation.

Cloud and Big Data are Becoming Increasingly Important Components of CERN's Research Infrastructure

Collaborating with CERN for

>30 years

>50k

sensors and other metering devices used to capture operational data

49 petabytes

data produced by the LHC experiments in 2016

CUSTOMER PERSPECTIVE

One of our current collaborative projects focuses on testing Oracle Big Data Discovery in our unique and challenging environment: we are using it in reliability-assessment studies for a potential successor accelerator to the Large Hadron Collider. Other ongoing projects focus on Oracle's growing array of cloud solutions.

Eric Grancher, Head of Database Services Group,

IT Department, CERN

CERN Openlab
15-year collaboration award to Oracle

Oracle Cloud Infrastructure

Compute

Bare Metal and VMs supporting traditional, HPC AI/ML and cloud-native workloads

Networking

Predictable, low latency, isolation, and availability

Storage

High-performance local, block, and object and archive storage

Edge

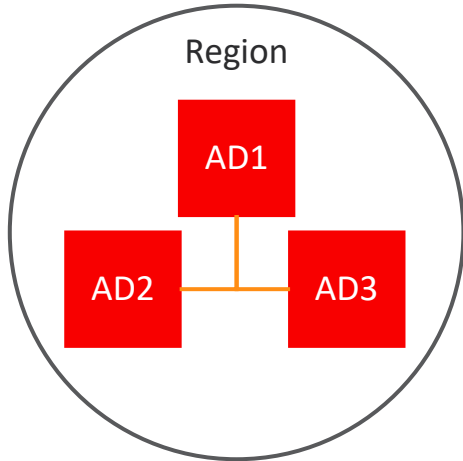DNS name resolution, WAF, DDOS, SMTP email

🔒 Security

Network, Compute and Vendor Isolation – Core-to-Edge Services

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Oracle Cloud Infrastructure Global Footprint

Legend:
- Commercial
- Government
- Planned Commercial
- Planned Government
- Edge Points of Presence

Locations: TORONTO, CHICAGO, PHOENIX, ASHBURN, VA, LONDON, FRANKFURT, ZURICH, SEOUL, TOKYO, OSAKA, MUMBAI, MIDDLE EAST, SAO PAULO, SYDNEY

21

Regions and Availability Domains

At least three fault-independent Availability Domains (AD) with low latency and high-bandwidth network interconnect
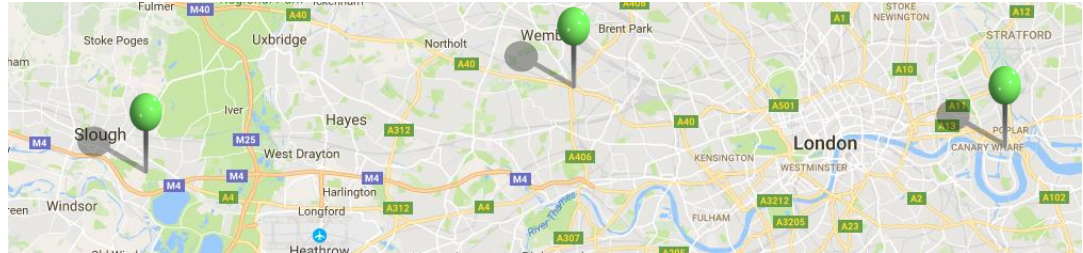
Enables zero-data-loss architectures (e.g. Oracle MAA) and high availability scale-out architectures (e.g. Cassandra)

	One-way Latency
Between hosts in an AD	**< 100μs**
Between ADs in a Region	**< 500μs**

OCI Is Built for Traditional and Modern Workloads

Oracle Enterprise Applications

ORACLE JD Edwards · ORACLE E-Business Suite · ORACLE Siebel · ORACLE PeopleSoft

Custom and ISV Apps

Windows Server · LAMP (Linux, Apache, MySQL, PHP, Pearl, Python) · Java · mean

Performance Intensive Workloads

Altair · ANSYS
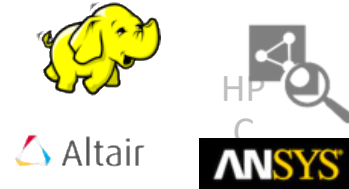
Cloud Native Applications

docker · kubernetes · kafka

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OCI Compute

Compute

Standard Bare Metal and VMs

Bare Metal GPU

Bare Metal HPC

Bare Metal Dense I/O

Low Cost AMD Bare Metal

VM w/GPU

VW w/ Dense I/O

Low Cost AMD VMs

Ravello Cloud Service

Containers & Microservices

Security

Manageability
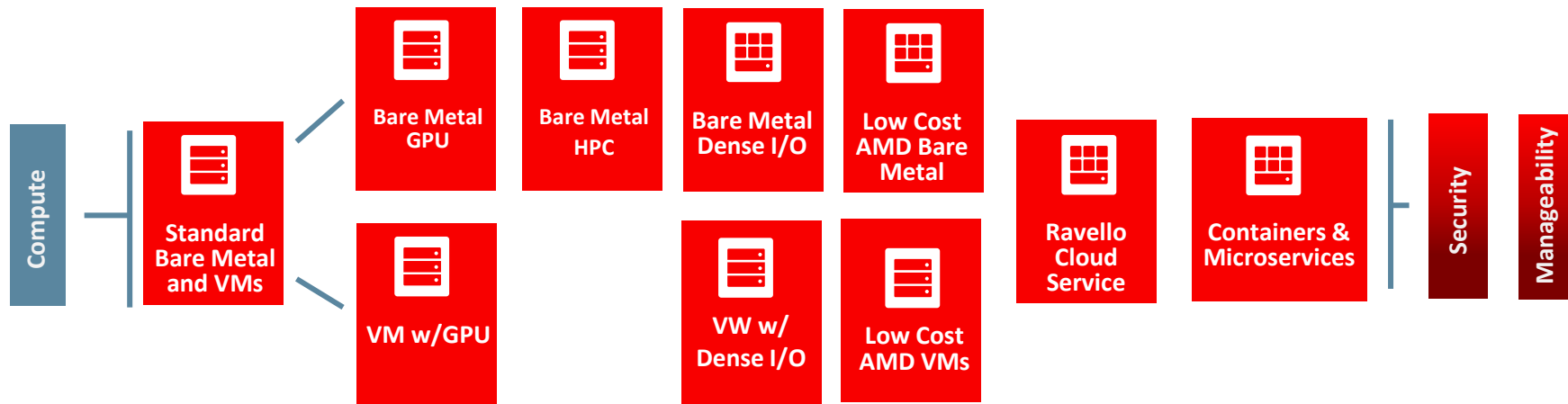
Choice

Broadest set of compute options available in the cloud market today

Performance

Price / performance leader in public cloud and latest generation hardware

Architected for the performance consistency enterprise apps require

Control

No service provider software present in compute

Isolated networks offer fine grained controls for enterprise IT

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OCI Connectivity and Networking

Networking | Virtual Cloud Networks | Load Balancers | DNS | FastConnect | VPN | **Security** | **Manageability**

Hybrid Connectivity

Dedicated, private connections to allow enterprises to extend on-premise environments to public cloud

Predictable Pricing

Transparent, port-based pricing (no charge for the data moved)

Security

All data is encapsulated and secured once traffic reaches the OCI network perimeter

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OCI Storage

Storage	Local NVMe	Block	Object / Archive	File	Backup and Transfer	Security	Manageability

Scalability

- Utilize millions of IOPS per instance
- Scale up or out as needs evolve

Predictability

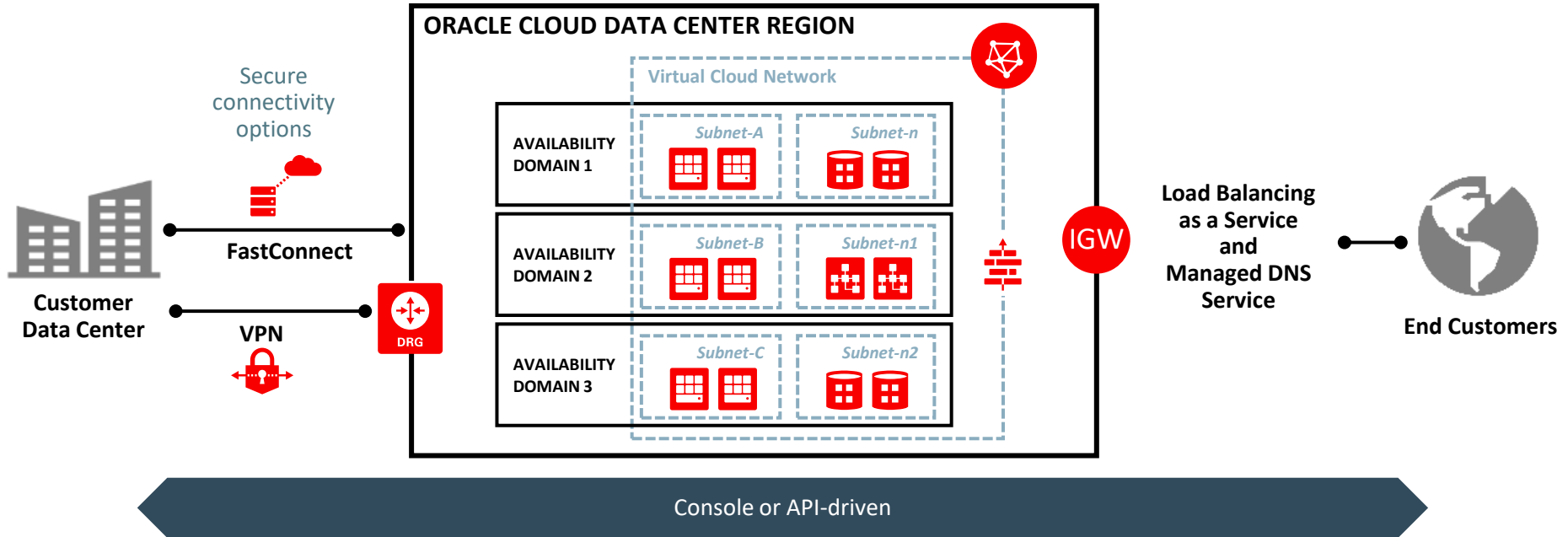- Pay only for what you use, with no charges for IOPS

Security

- Data is replicated and encrypted to ensure your data is safe and protected from potential loss

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Virtual Network: High-Fidelity Private Networks and Access

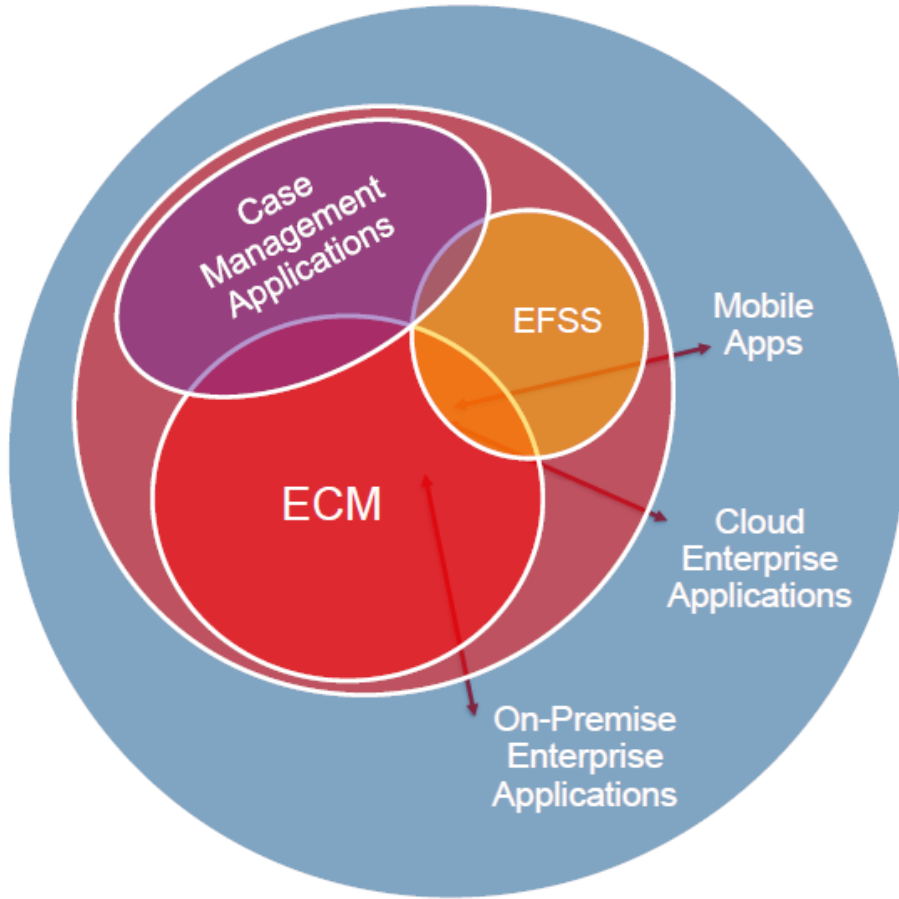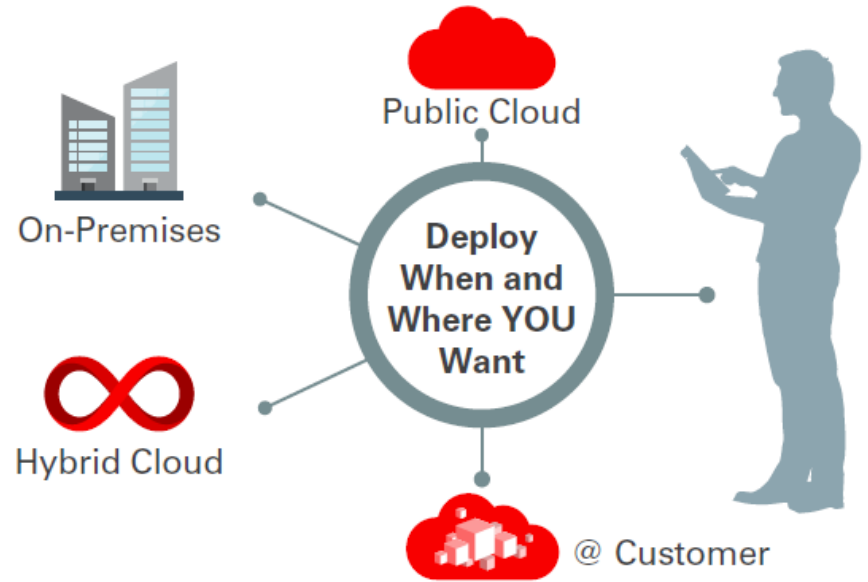| Secure, reliable connectivity: IPSec VPN, FastConnect | Deep VCN control: Subnets, routing rules, IP address space, firewall rules |

Console or API-driven

ENTERPRISE CONTENT MANAGEMENT

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CONCEPT & DEPLOYMENT

OPEN & FLEXIBLE

On-Premises

Public Cloud

Hybrid Cloud

Deploy When and Where YOU Want

@ Customer

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Webcenter Content Environment

OracleLinux6

Middleware Home / Infrastructure Home

Weblogic Home
12.2.1

WC Capture
12.2.1

WC Content
12.2.1

Oracle Database
11.2.0.4

JDK
1.8

WCC Domain Home

WLS Admin Server

WLS_WCC

WLS_CPT

WLS_WCCUI

WLS_IBR

Oracle Enterprise Content Management

Portal Connectors | **OOTB Web Apps** | **Application Connectors** | **Desktop & Office Integrations** | **Mobile Delivery**

Fusion Middleware

High Values Features and Services

Universal Content Management

Document | Digital Asset | Web Content | Retention

Records | Image / Process | Document Capture | Information Rights
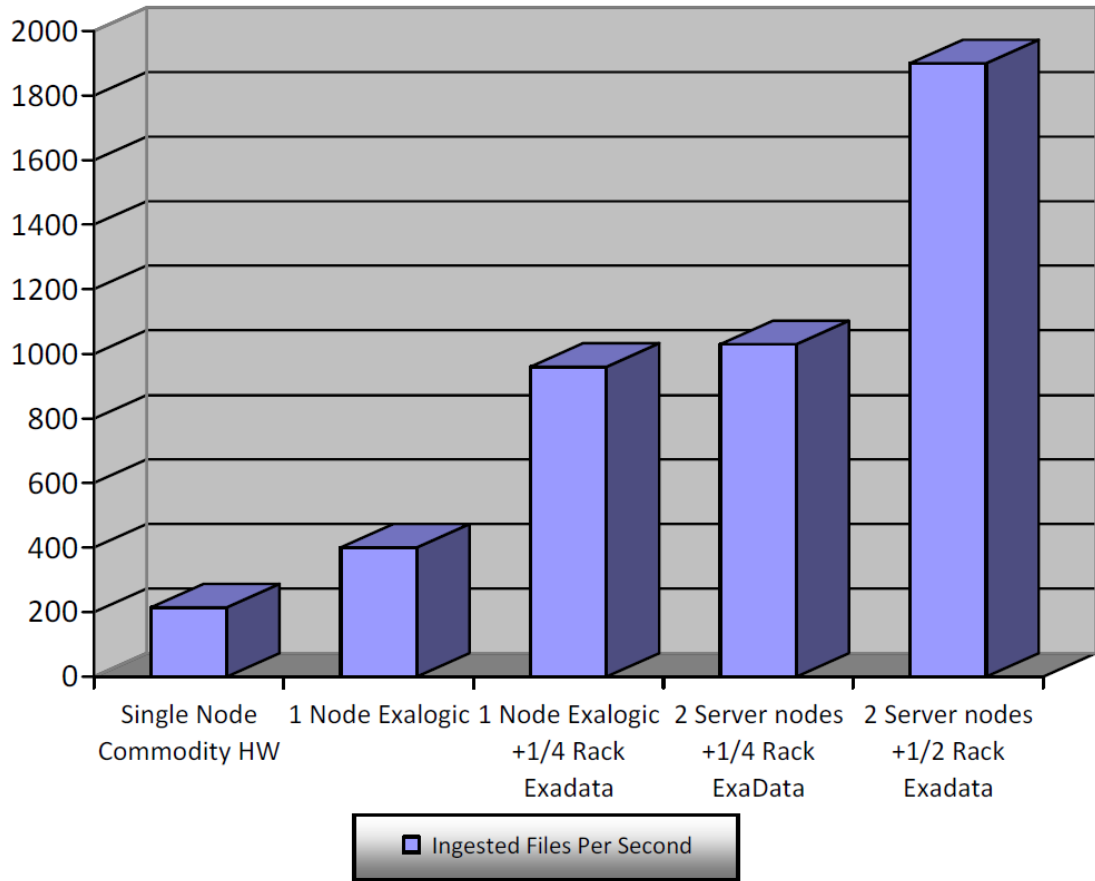
ADAPTERS

Core Content Services

Oracle Database
SecureFiles, AuditVault, Database Vault, RAC

Oracle Storage Archive Manager

3rd Party
Database, File System

SOA, BPM, JDev

Identity Mgmt

Business Intelligence

Application Grid

Microsoft SharePoint

documentum
a division of EMC

Notes / Domino

File Systems

3rd Party

PeopleSoft.
ORACLE
JD EDWARDS
SIEBEL

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WebCenter Content server:
- A single server consisting of a two Intel Xeon 5140 dual core processors running at 2.33GHz and 32GB RAM

WebCenter Content Database server:
- An 8 core Intel Xeon server CPU running at 2.33GHZ, 16GB RAM, Linux (2.6.9)

The tests were conducted using a variety of file sizes (40 KB to 1MB) and types (Text, MS Office, PDF).

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CONTENT & EXPERIENCE CLOUD
Modern Content Management

ANY EXPERIENCE

| Chatbots | AR | Voice Activated | Mobile | Web |

ORACLE CONTENT & EXPERIENCE CLOUD

DELIVER

| Collaborate | Curate | Author & Manage | Publish | Analyze |

CONNECT

ANY CONTENT

SOCIAL
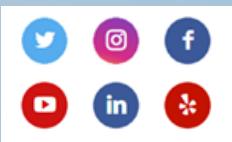
DATA

Product Information

Campaign Information

CONTENT
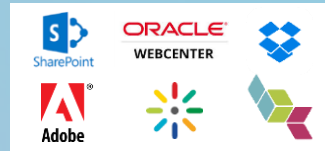
SharePoint

ORACLE WEBCENTER

Adobe

ORADOCS DEMO

ORACLE

Current Folder ✕ | Search 🔍 | 🔔 117 | Ron ▾

Documents
Conversations
People
Digital Assets
Content Items
Collections

Data

Share | Upload | Create | ⋯ | 💬

Documents > Data

☐ Select All

Name ▾ | ☰

☐ 📁 **Archives**
Updated 1/25/2017 by Jean
🔗 ⭐

☐ 📁 **Communities**
Created 4/17/2017 by you
🔗 ☆

☐ 📁 **Customer Feedback**
Updated 9/23/2016 by Vladimir
🔗 ☆

☐ 📁 **Digital Assets**
Updated 3 hours ago by Jean
🔗 ⭐

☐ 📁 **Email Campaigns**
Created 7/7/2016 by David
🔗 ☆

☐ 📁 **Marketing Collatoral**
Created 6 minutes ago by you
🔗 ☆

☐ 📁 **Presentations**
Updated 12/7/2016 by Mark
🔗 ☆

☐ 📁 **Press Releases**
🔗 ☆

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Search All

117

Ron

Documents

Conversations

People

Digital Assets

Content Items

Collections

Oracle_Content_and_Experience_Ebook.pdf v2

ORACLE
CONTENT AND
EXPERIENCE CLOUD

Deliver
Engaging
Digital
Experiences
Across Multiple
Channels
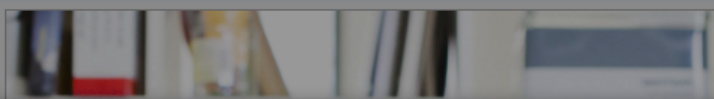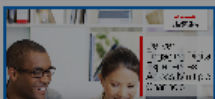
Share: Oracle_Content_and_Experience_Ebook.pdf

Members

Member Links

Public Links

New Public Link
Customize the way this public link behaves.

Link Name

ebook

Link Permissions Downloader
People using this link will be able to view the content online.

Who can access this link? Anyone
Anyone with a link, without signing in

Link Expiration Date
☐ Set a date for the public link to expire.

This public link will stop working at the end of the selected day.

Link Access Code

Enter an access code, 8 characters or more, to protect this public link.

Create   Cancel

ORACLE

Search All

120

Ron

Documents

Conversations

People

Digital Assets

Content Items

Collections

Zalco Project Draft.docx

...

Documents > Annual Campaigns > Zalco Project Draft.docx

MAIN TITLE:
Simple. Secure. Everywhere.

PAGE 1:

In the Cloud

Today's world doesn't sleep.

Having 24/7 access to business-critical information for you and your team is not only expected, but required to stay competitive. Consumer-level file-sharing options have crept into the workplace, leaving your company vulnerable to security breaches and compliance problems.

The challenge is to provide access to files for people constantly on the move, simply and without compromising security.

Oracle Documents Cloud Service is an enterprise-level file sync and share service available in Oracle Cloud. Because it's built for collaboration, it's simple. Because it's Oracle, it's secure. Because it's in the cloud, it's everywhere.

PAGE 2:

Simple

Quickly and easily share information.

Anything you store in Oracle Documents Cloud Service is available to you wherever you are, using whatever device you have handy. That means you can work with the tools you're comfortable using—a web browser or mobile app—without any special training.

It's that simple.

And you can do all of this without risking your critical business assets.

Learn more about how to view your Oracle Documents Cloud assets on these devices:

Web Client Overview
Desktop Sync Client
Mobile Client Overview

Web Browser

Access your files from anywhere with a standard web browser.

Desktop Sync

1 of 5

2 of 5

Zalco Project Draft

...

Find: 0 | 2

Jean
3 hours ago
via Zalco Project Draft.docx

I'm not sure if this is a good title or not.

Reply | Like | More

Ron
Just now
via Zalco Project Draft.docx

I like this title.

Reply | Like | More

Jean
3 hours ago
via Zalco Project Draft.docx

I wonder if we need some more text here.

Reply | Like | More

ORACLE Content

Ron
Oracle Content ▼

🏳 120   🔍

📄 **Documents**

💬 Conversations

👥 People

🖼 Digital Assets

⚙ Settings

❓ Help

ⓘ About

☰   **Favorites ▾**

Archives
Ron, Yesterday 2:44 pm

Communities
Ron, Yesterday 2:43 pm

Customer Feedback
Ron, Yesterday 2:40 pm

Digital Assets
Ron, Yesterday 2:37 pm

Email Campaigns
Ron, Yesterday 2:37 pm

Marketing Collateral
Ron, Yesterday 2:38 pm

Presentations
Ron, Yesterday 2:41 pm

Press Releases
Ron, Yesterday 2:37 pm

Owned by You   Shared with You   Sites Assets

- ● Sync all folders automatically
- ○ Choose folders to sync

☑ Name	
☑	Archives
☑	Customer Engagement
☑	Data
☑	Digital Assets
☑	Docs
☑	eBooks

Oracle Content and Experience   •••

✓ **Sync is up to date**
6 files couldn't be synced. View files.

📁 Go to Oracle Content folder
☁ Open Oracle Content on the web

✓ Oracle Content (External)	Available Space: 6.00 GB
✓ Oracle Content (Internal)	Available Space: 1.41 GB

9:23 AM
5/30/2017

REST API for Content Management

CLOUD CONNECTORS

Google Drive

OneDrive

Dropbox

Table of Contents ⊞ ⊟

About the REST APIs

All REST Endpoints

Get Started

Quick Start

Authorization

Send Requests

Status Codes

Error Messages

cURL Access

Tasks

⊕ Applinks

⊕ Catalog

⊕ Configuration

⊕ Files

⊕ Folders

⊕ Metadata Collection

⊕ Publiclinks

⊕ Shares

⊕ Users

About the REST APIs

‹ ›

The REST API for Content Management enables you to interact with folders and files stored on an Oracle Content and Experience Cloud server.

APIs

❯ **Applinks**

❯ **Catalog**

❯ **Configuration**

❯ **Files**

❯ **Folders**

❯ **Metadata Collection**

❯ **Publiclinks**

❯ **Shares**

❯ **Users**

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ABOUT US   OUR WORK   EDUCATION   RESOURCES

Tackling tomorrow's
ICT CHALLENGES
today!

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