ORACLE
CLOUD SOLUTIONS

Predstavenie Oracle Cloud Platform

Gabriela Hečková

Technology Sales Consultant

Applications. Platform. Infrastructure.

Digital Business:
Challenging Old Business Models

Trends Driving Digital Disruption

Mobile

Open for business any place, any time

Social

Enables new levels of customer intimacy

Big Data

New analytical opportunities at a massive scale

Internet of Things

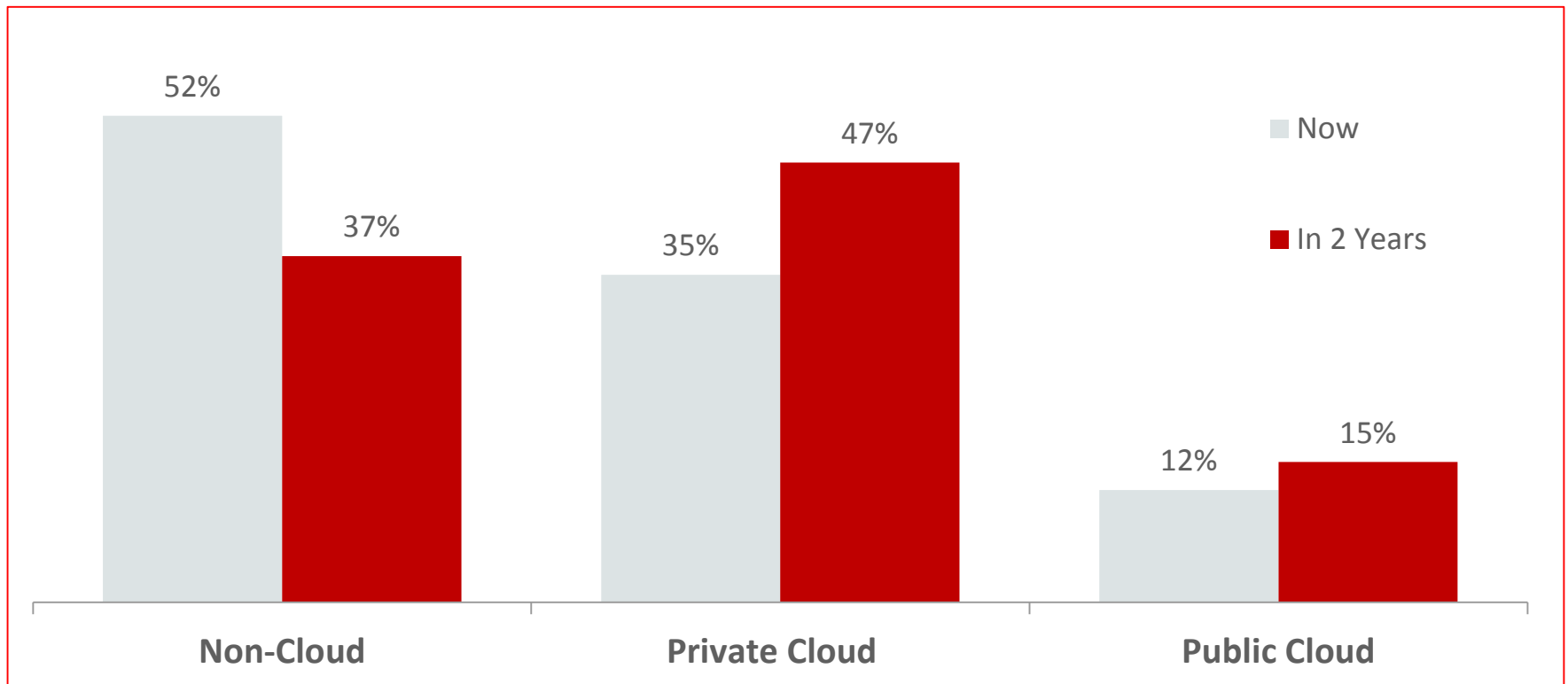Explosive growth in Device to Device communication

Cloud

Foundation for efficiency and business agility

Workloads Are Moving to Cloud

Traditional compute workloads **decreasing**
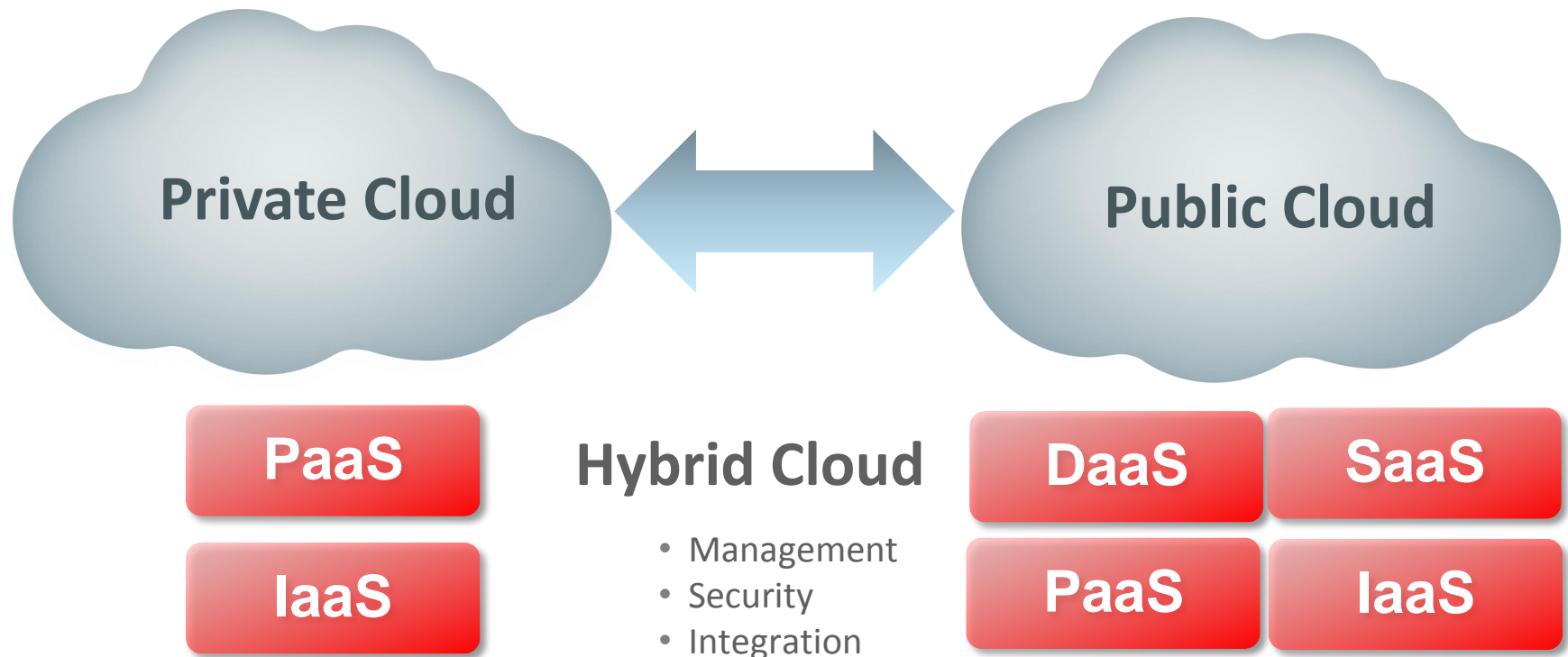
Private cloud compute workloads **rapidly** increasing

Public cloud compute workloads are on the **rise**

	Now	In 2 Years
Non-Cloud	52%	37%
Private Cloud	35%	47%
Public Cloud	12%	15%

Source: ComputerWorld & Triangle research study, 2014

Oracle Cloud Computing Strategy:
Complete Solution, Complete Choice

Private Cloud

Public Cloud

PaaS

IaaS

Hybrid Cloud

- Management
- Security
- Integration

DaaS

SaaS

PaaS

IaaS

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Oracle Cloud Platform
Full portability between on-premises and cloud

Same Architecture
Same Standards
Same Software
Same Skills

On Premises

Oracle Cloud

Unified Management
Deploy your apps wherever you need to
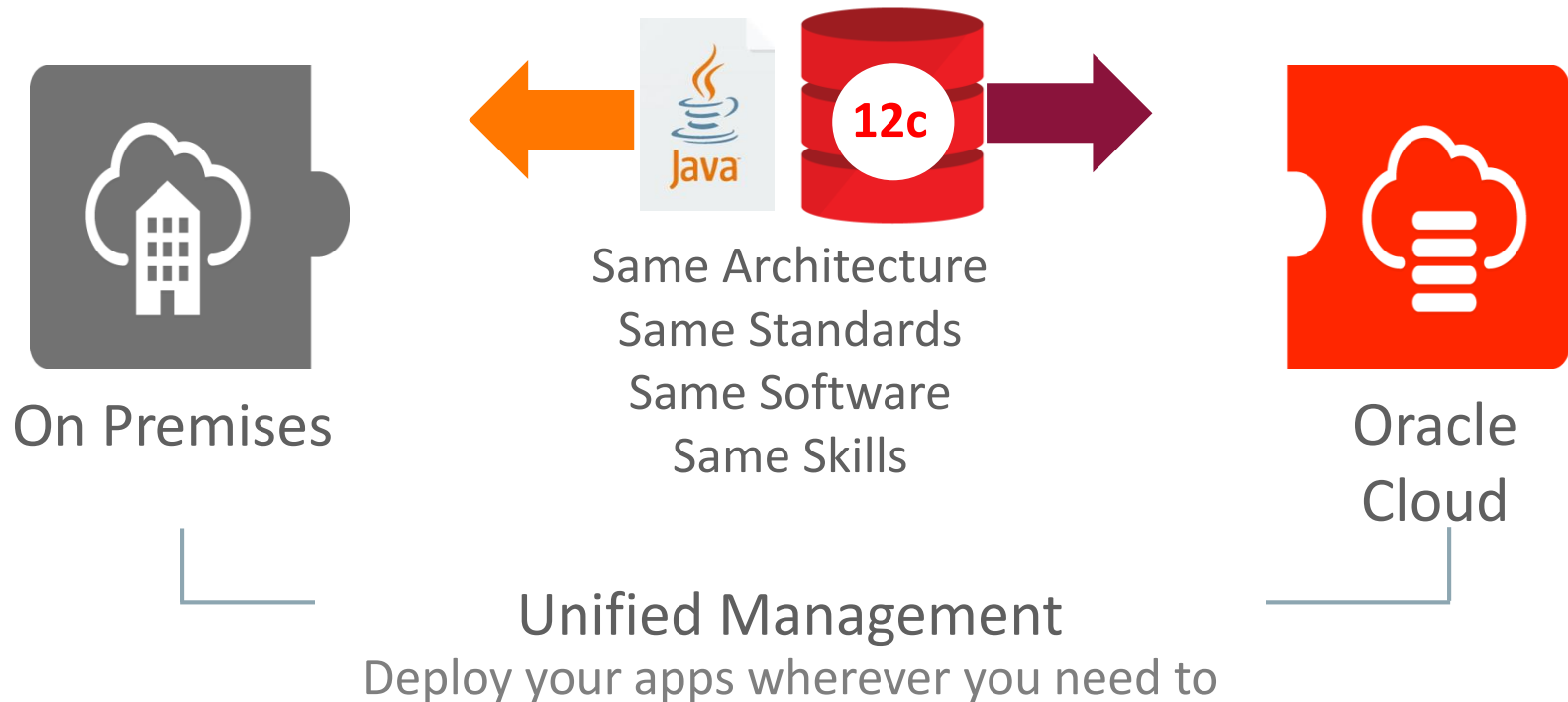
Private Cloud

Evolution to PaaS for Database

Traditional DB Silos

- Physical
- Dedicated & heterogeneous
- Static with disconnected analytics

Siloed

Standardization

- Standardized hardware and software stack
- Standard deployment configuration
- Catalog of database services and service levels
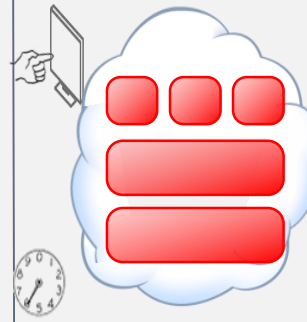
Simple

Consolidation

- Shared & secure central data infrastructure
- Dynamic optimizations & resource mgmt
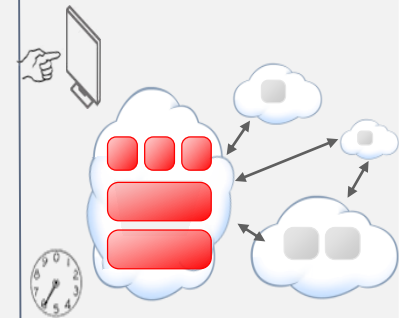- Automated systems management

Efficient

Service Delivery

- On-demand, resilient, and tiered self-service
- Rapid service elasticity and automation
- Metering, automated cost allocation & chargeback

Agile

One Cloud

- Fully dynamic and unified resource pools
- IT as cloud broker: arbitration and brokerage
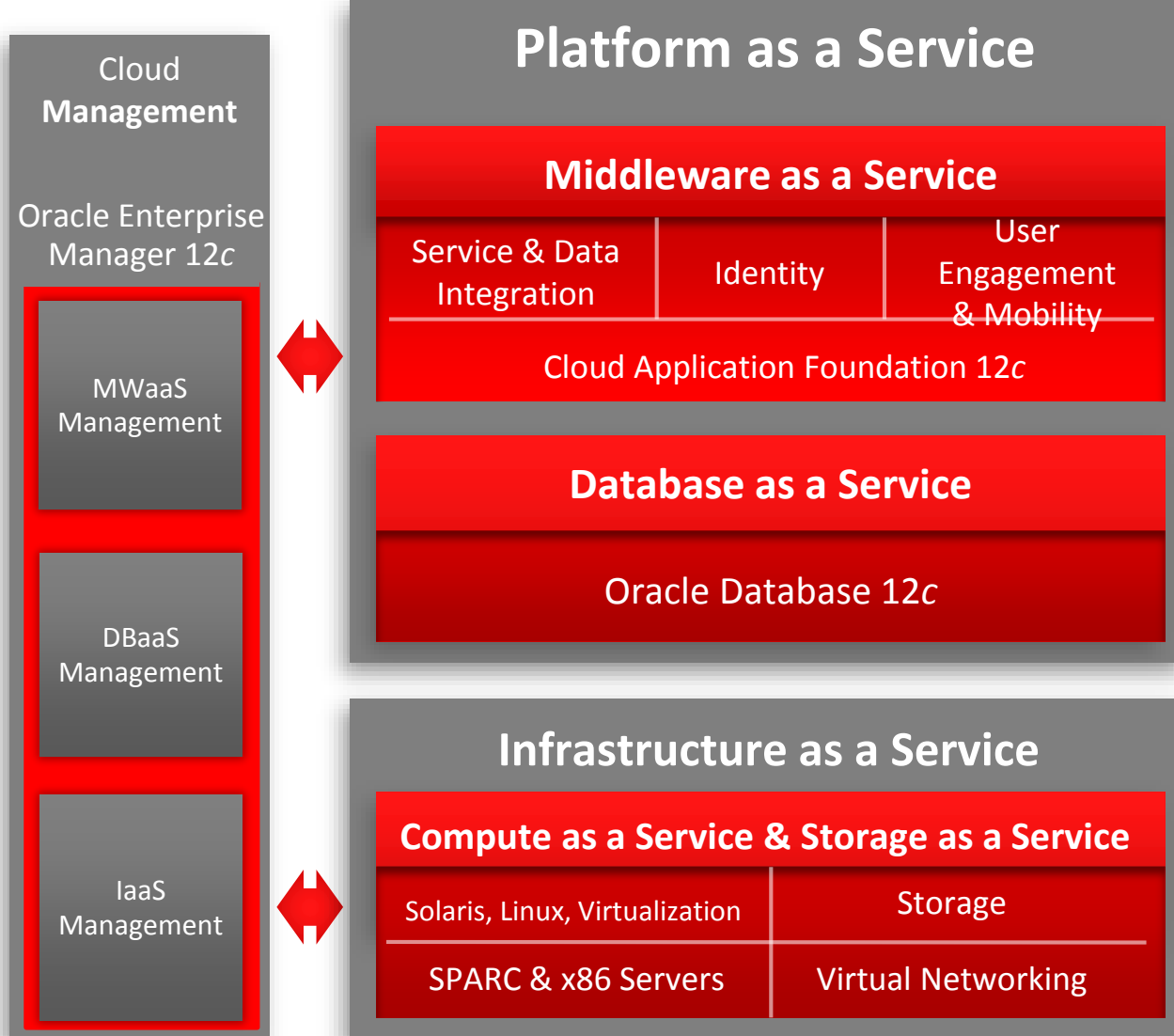- Secure hybrid cloud integration (vendors, partners, etc.)

Unified

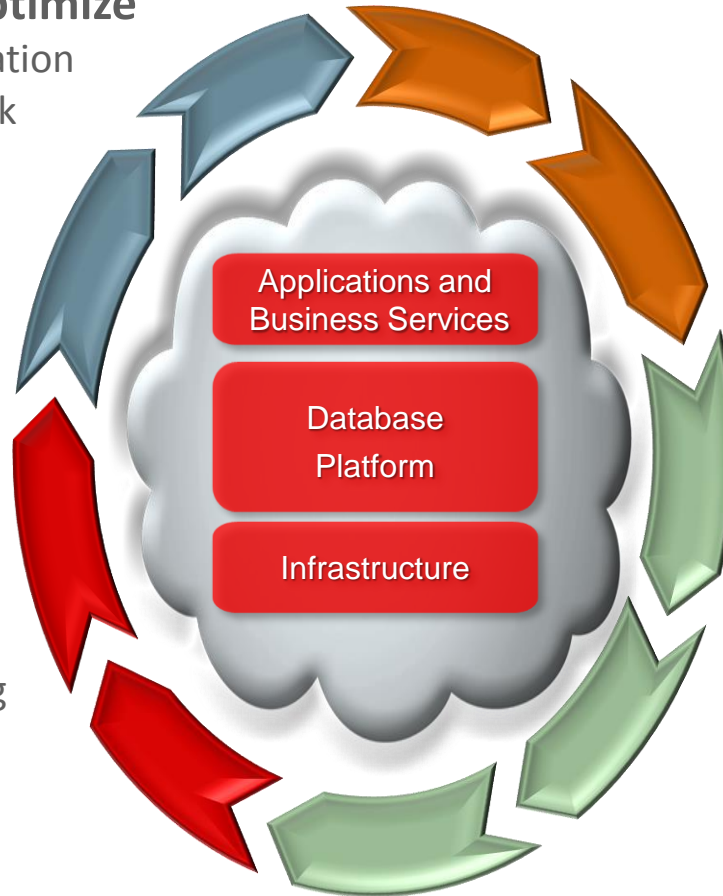**Maturity & Capability**

Oracle Private Cloud Products

Cloud Management

Oracle Enterprise Manager 12*c*

MWaaS Management
DBaaS Management
IaaS Management

Platform as a Service

Middleware as a Service

Service & Data Integration	Identity	User Engagement & Mobility

Cloud Application Foundation 12*c*

Database as a Service

Oracle Database 12*c*

Infrastructure as a Service

Compute as a Service & Storage as a Service

Solaris, Linux, Virtualization	Storage
SPARC & x86 Servers	Virtual Networking

Engineered Systems

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Deliver PaaS via a Lifecycle Approach

4. Meter, Charge, Optimize
- Meter resource utilization
- Chargeback/Showback

1. Plan & Setup the DB Cloud
- Design Service Catalog
- Capacity & consolidation planning
- Asset discovery
- Setup Resource Pools
- Setup Policies

Applications and Business Services

Database Platform

Infrastructure

3. Manage & Monitor
- Database monitoring
- Configuration management
- Full stack management

2. Enable Self-Service
- Implement Service Catalog
- Enable Service Governance
- Enable integration via APIs

Hybrid Cloud Management with Oracle Enterprise Manager 12c Cloud Control

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Standardization: DBaaS Service Catalog

- Service Catalog = ∑ (Pre-approved and pre-configured service templates)

- Service Template = db configuration from reference system + definition of desired db (options, init, etc) + data (for cloning scenarios)

- One catalog for multiple users; role based access

Self-Service Provisioning
## Oracle Enterprise Manager 12c

- Comprehensive support for consolidation

  - Dedicated databases, schema, pluggable

- Automated, intelligent placement

  - workload and configuration

- Complete self-service catalog

  - Governance, quotas, policies, showback

- Flexible cloning architecture

  - Full data cloning by leveraging backups

  - Instant database provisioning using "SnapClone"

- Integrated database lifecycle management

  - Monitoring, backup, patching

- API-driven (RESTful and command line)

DBaaS Metering and Chargeback

- Flexible metering and chargeback based on:
  - Configuration and monitoring information
  - Host, Database, DB Service, and PDB level

- Automated rollup using LDAP hierarchy

- Tailored reporting for different user personas

- Extend coverage via custom charge items

- APIs for integration with billing systems
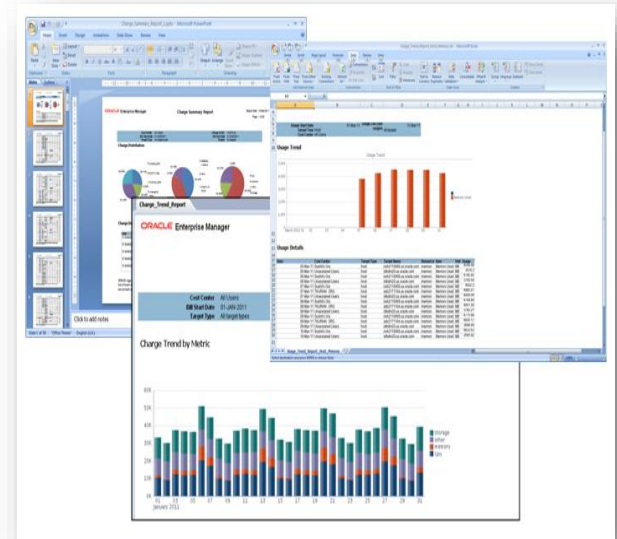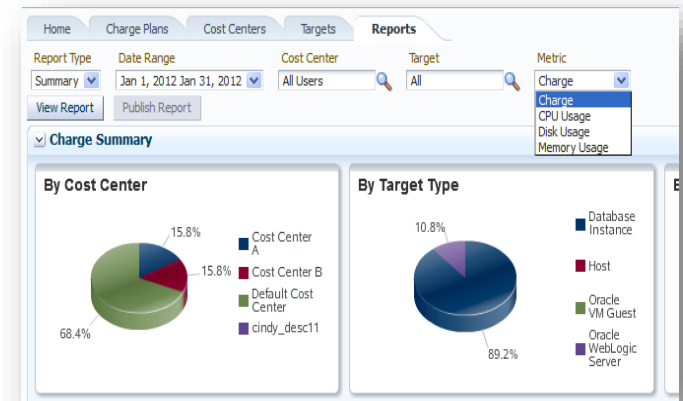
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Oracle Cloud

Oracle Cloud: Complete Suite of Integrated Services

Data as a Service

Software as a Service

Platform as a Service

Infrastructure as a Service

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Oracle

Software as a Service

Complete Suite, Best of Breed Pieces

Customer Experience	Human Capital Management	Enterprise Resource Planning	Supply Chain Management	Enterprise Performance Management

Social Relationship Management

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Platform as a Service

Line of Business Users

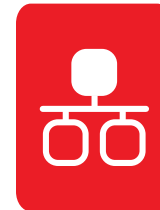| Documents | Social Network | Process | Business Intelligence | Big Data | Big Data Discovery |

Developer & IT

| Database | Database Backup | Java | Developer | Mobile | Integration | Messaging |

Oracle Database Cloud Service
Your strategic database in the cloud

DATABASE CLOUD SERVICES

- Self-service database development and deployment platform with advanced cloud tools

- All the power and flexibility of the Oracle Database in the cloud

- Choice of management options, from self-managed to fully-managed by Oracle

- Pre-configured for Java and Business Intelligence Cloud Services
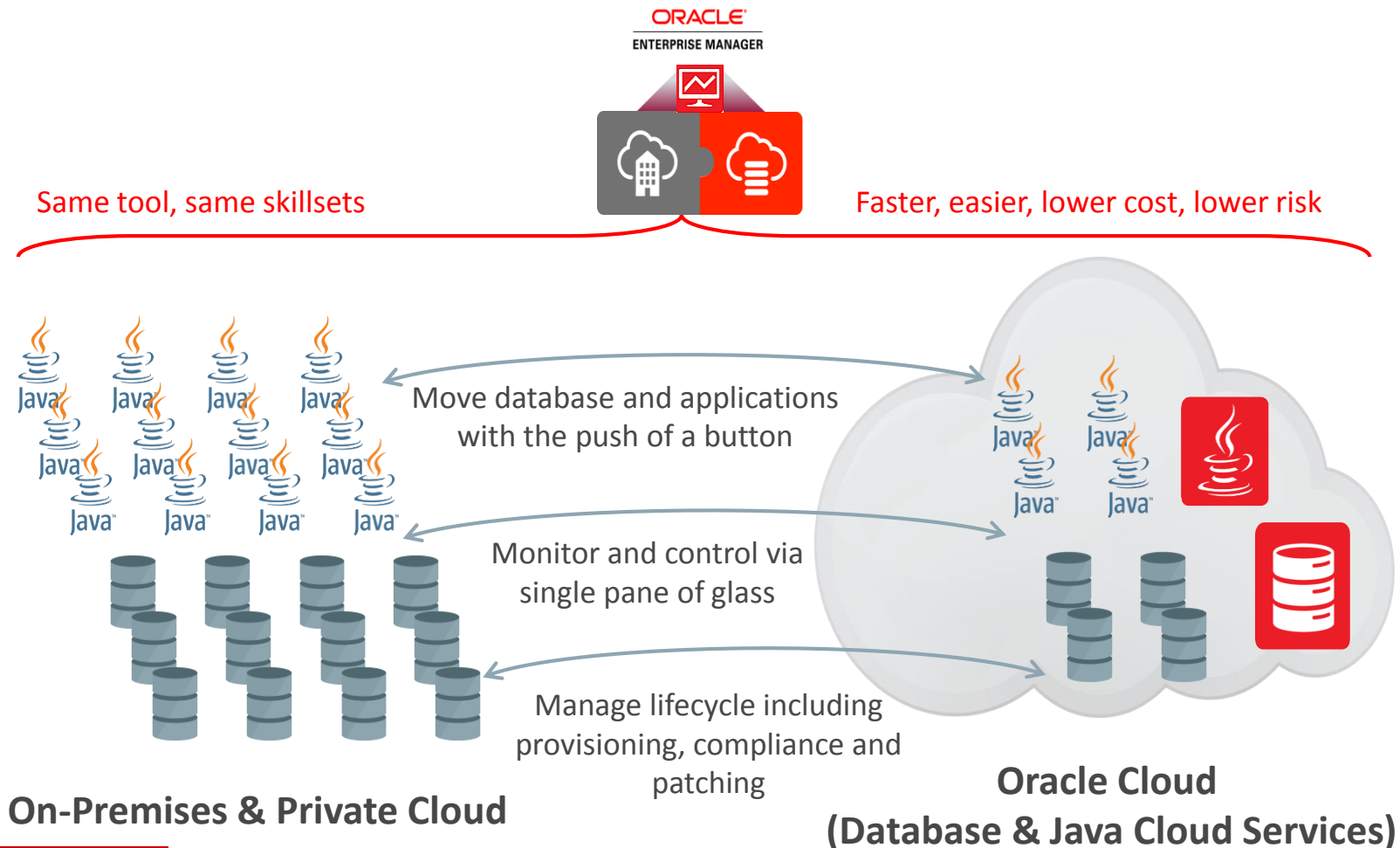
Oracle Java Cloud Service

Your platform for running business applications in the cloud

- Self-service application platform with advanced cloud tools

- Increase data and processing capacity on demand to scale for new business needs

- Pre-configured for Database and Developer Cloud Services for complete cloud application management

JAVA CLOUD SERVICES

Hybrid Cloud Management
Upgrade, Move and Manage Through a Single Pane of Glass

ORACLE
ENTERPRISE MANAGER

Same tool, same skillsets

Faster, easier, lower cost, lower risk

Move database and applications with the push of a button

Monitor and control via single pane of glass

Manage lifecycle including provisioning, compliance and patching

On-Premises & Private Cloud

**Oracle Cloud
(Database & Java Cloud Services)**

ORACLE

A unified stack, a technology and solution continuum…

…spanning applications, premise and cloud

For wherever you might be on your journey

ORACLE®

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