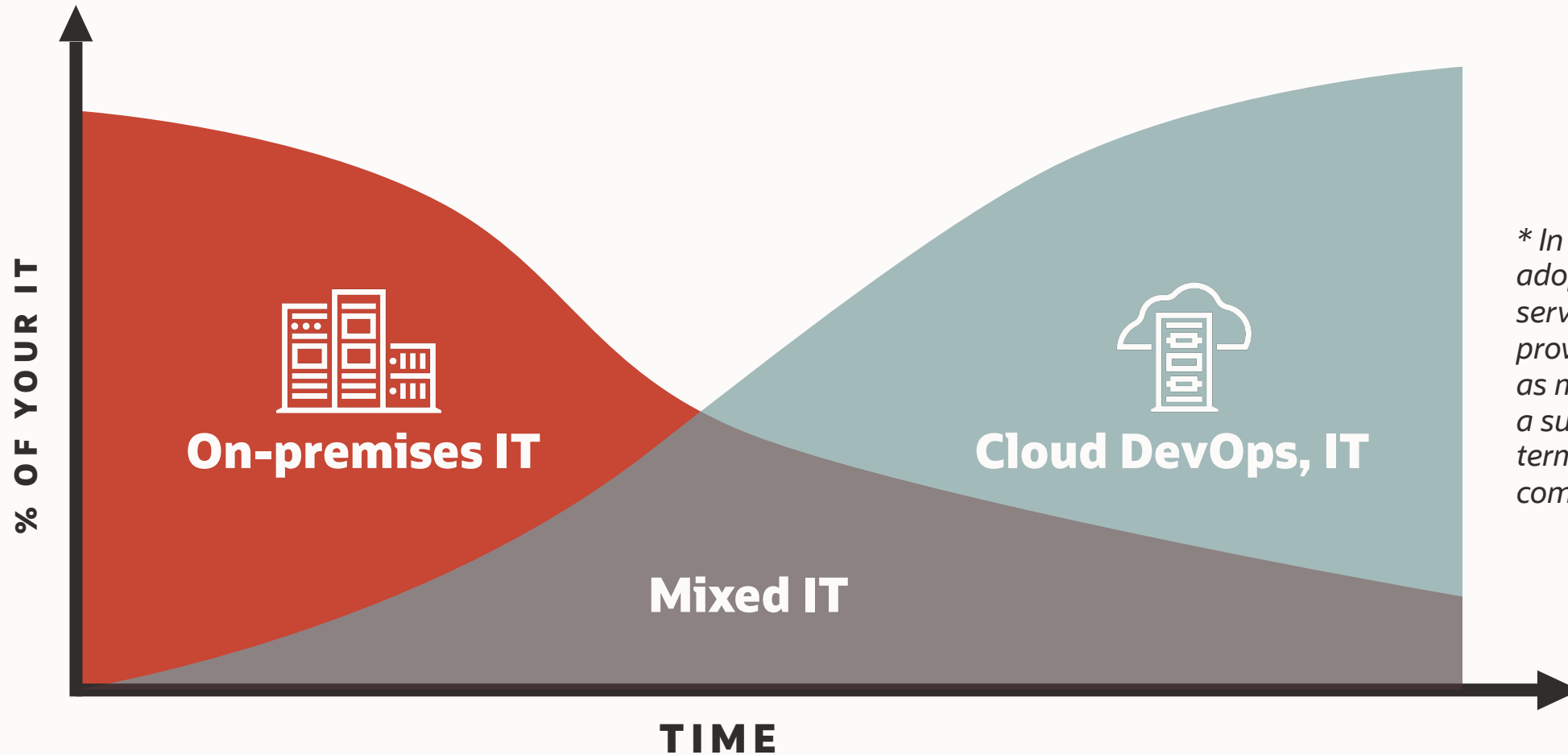


ORACLE

Oracle Cloud Infrastructure Database Management Service

Most enterprises have mixed environments

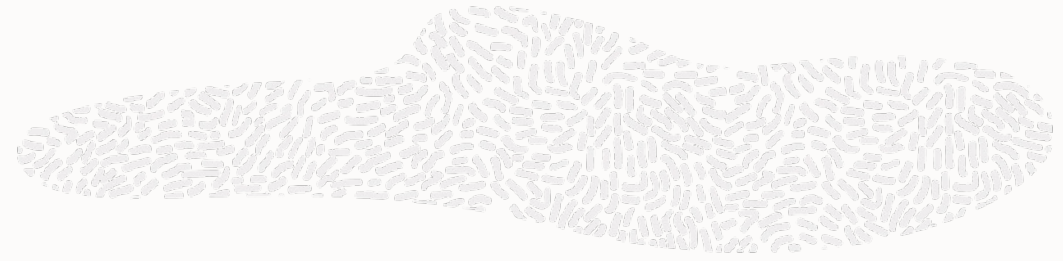
On-premises, hybrid, multicloud



** In fact, most enterprise adopters of public cloud services use multiple providers. This is known as multicloud computing, a subset of the broader term hybrid cloud computing.*

* source public post by Gartner <https://www.gartner.com/smarterwithgartner/why-organizations-choose-a-multicloud-strategy>

Observability & Management Challenges



Support for different stacks



Too many tools, different for cloud and on-premises



Too much data



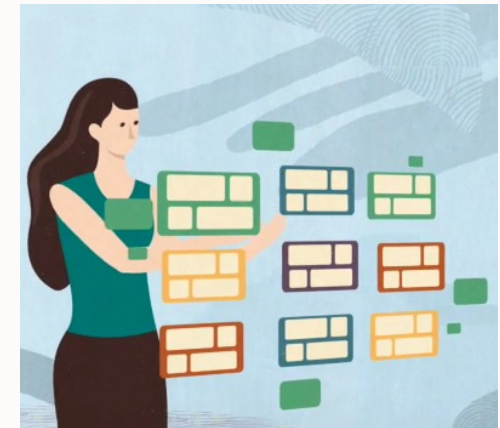
Building monitoring, integration, automation is difficult



Analysis is manual, fragmented, specialized



Lack of insight



Trying to bring everything together is hard, time consuming and costly



It's impossible to manage
what you can't observe

What you can't see will
impact customers and your
business someday



Database applications
increasingly spread-out,
more complex, and
microservices-based



Scripts, old tool
installs/configurations,
and screens to view all the
databases doesn't scale



Lack of insight, individual
component monitoring prolongs
the time to identify, isolate, and
diagnose database issues



IT, DBAs, and DevOps need
observability to perform
modern management

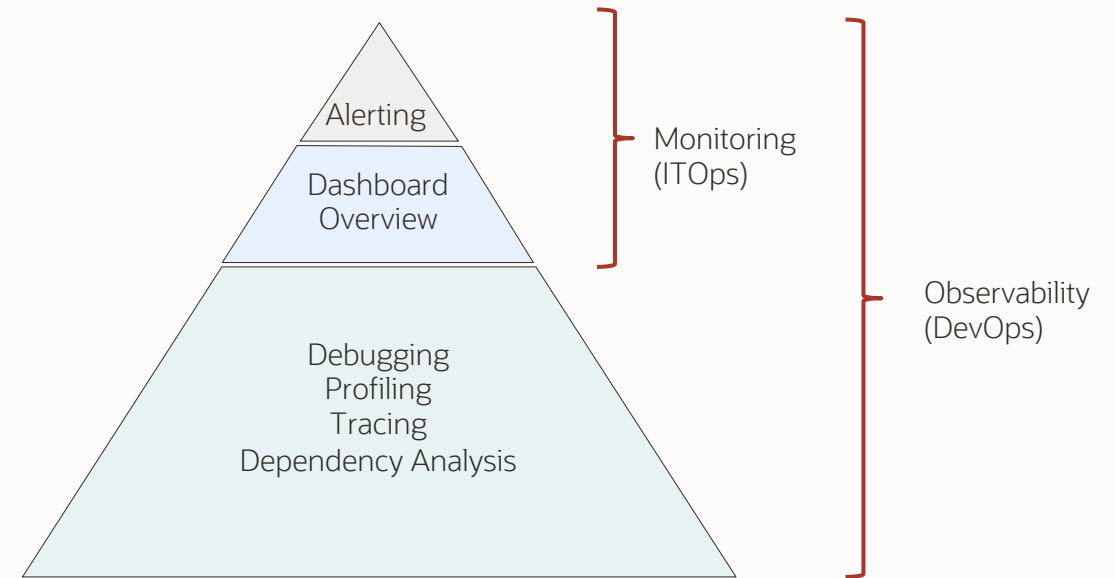
Digital transformation has customers reevaluating their monitoring

Monitoring is based on gathering predefined sets of metrics

- Typically performed by scripts or tools that allow teams to watch/be alerted about the state of a system change (working / not working)

Observability is based on having insight and the ability to watch for and explore properties and patterns not defined in advance

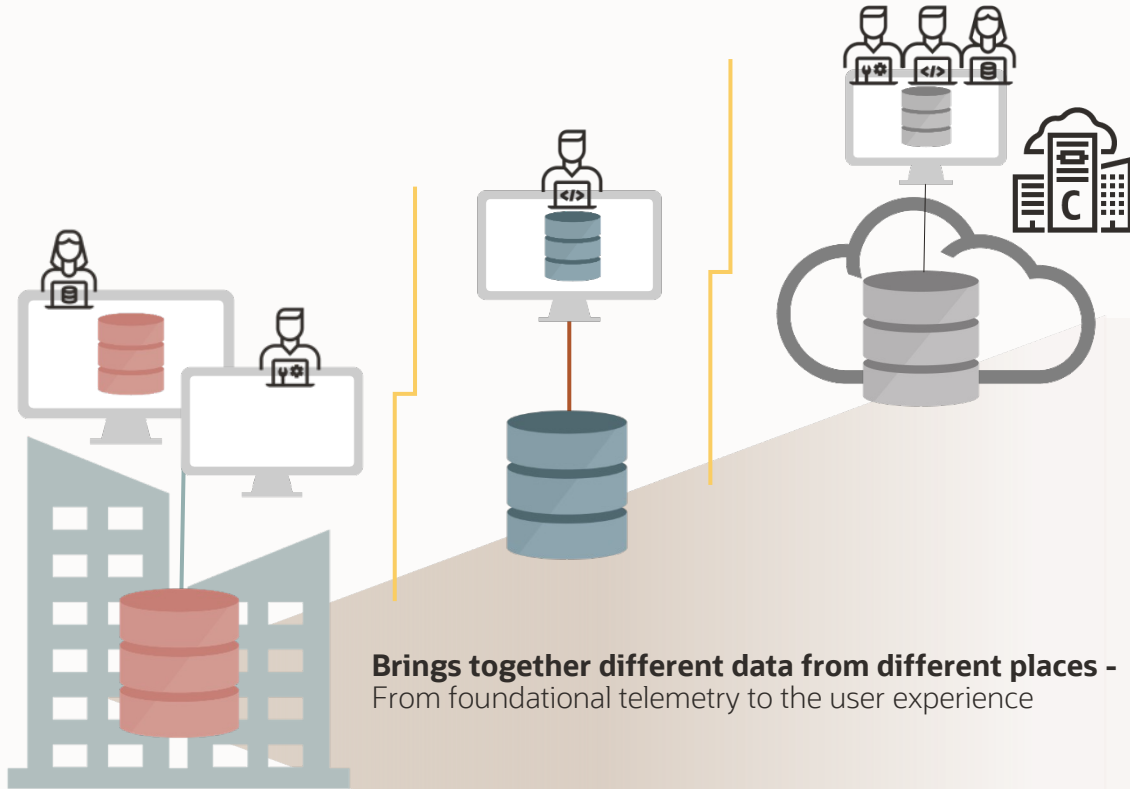
- Usually comprised of metric, log, tracing, and user experience data that enables teams to actively watch and debug their app and its stack (why its not working)



Modern businesses require an integrated solution with observability increasing in importance to understand and manage their modern applications and their infrastructure.



Oracle Observability & Management Platform



Brings together different data from different places -
From foundational telemetry to the user experience

Cloud-native platform brings together all telemetry – traces, metrics, logs – for analysis, visualization, and advisement

Hybrid and multicloud support – across on-premises, Oracle Cloud and multicloud

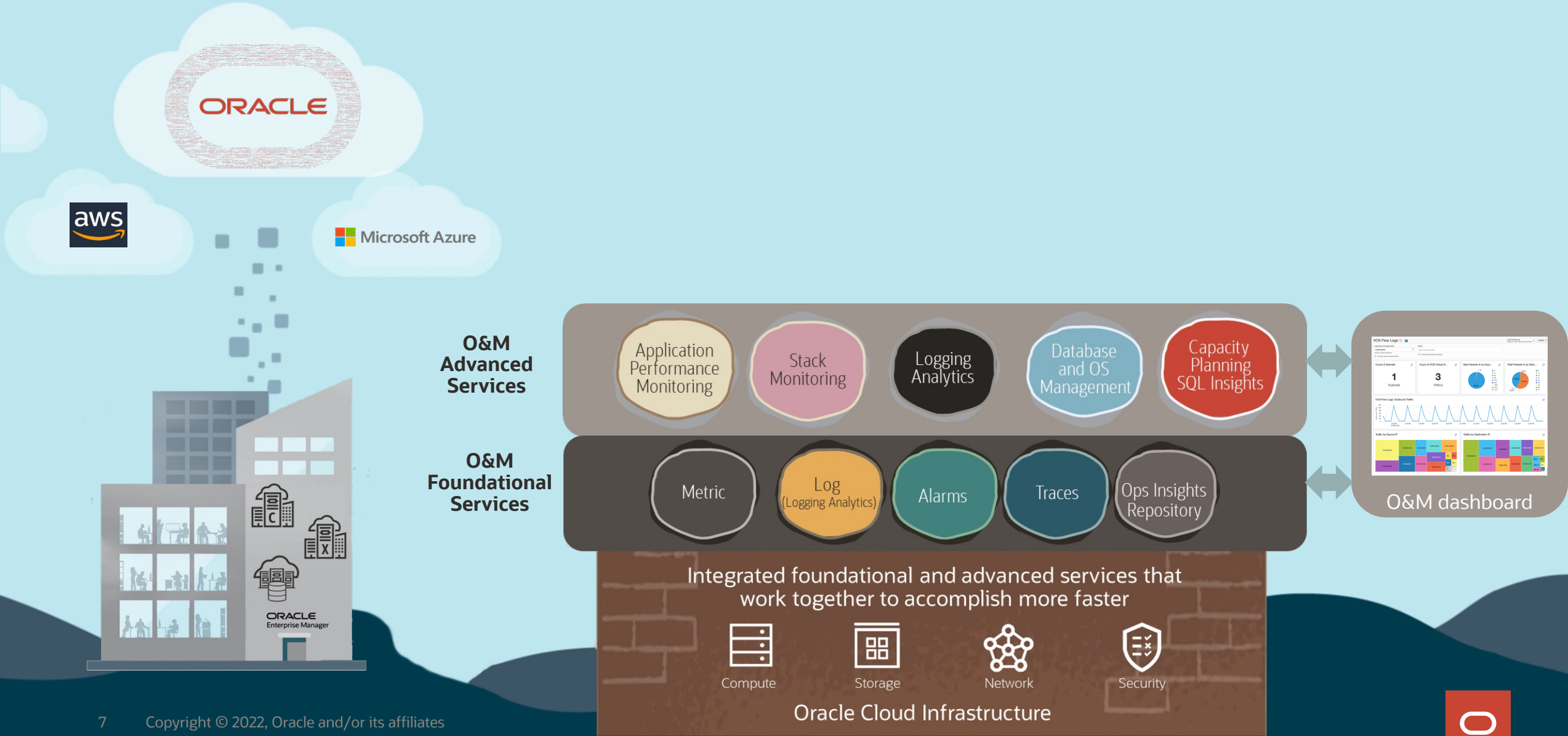
Extensible – based on open standards supporting 3rd-party technology collection

Comprehensive stack visibility across the enterprise – individual component, across complex application topologies, down into SQL

ML algorithms and models eliminate noise, detect problems, identify the root cause and help ensure availability and performance

O&M overview - an integrated cloud platform and single pane of glass

For debugging, tracing, troubleshooting, apps and business workflows across the stack



Oracle Cloud Infrastructure Database Management Service

On-demand subscription based cloud service



Leading database performance diagnostics

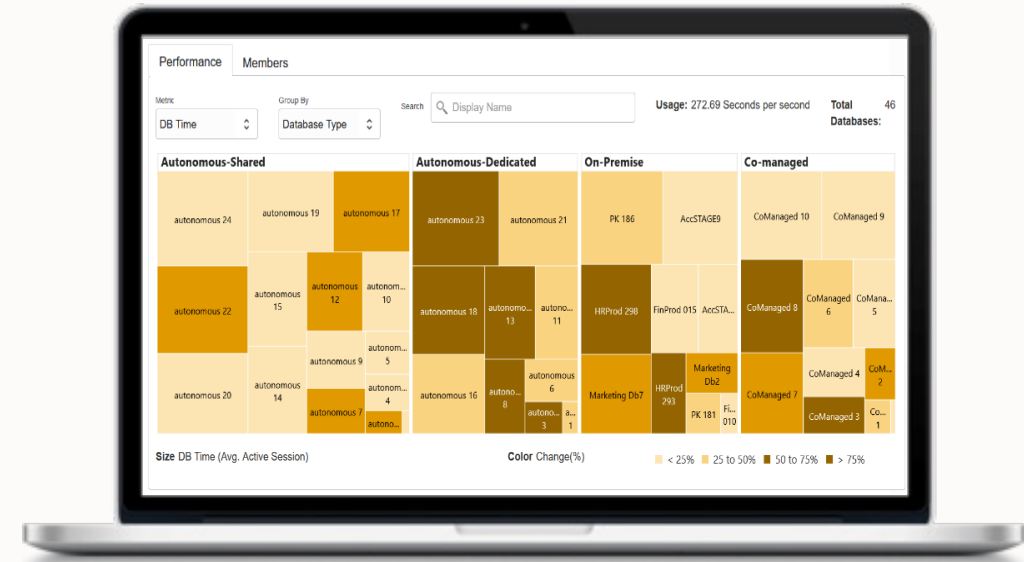
- Combines back-end instrumentation and tools with visualization-driven interfaces
- Single pane of glass management view for databases

Cloud native

- Fully managed by Oracle: upgrades, patching, etc.
- True cloud elasticity, low operations cost
- Connects to Oracle Databases 11.2.0.4+

Key use cases

- Monitor and administer databases
- Real-time performance diagnostics and administration
- Manage databases deployed on multicloud or on-premises



Database Management Features

Fleet monitoring and management

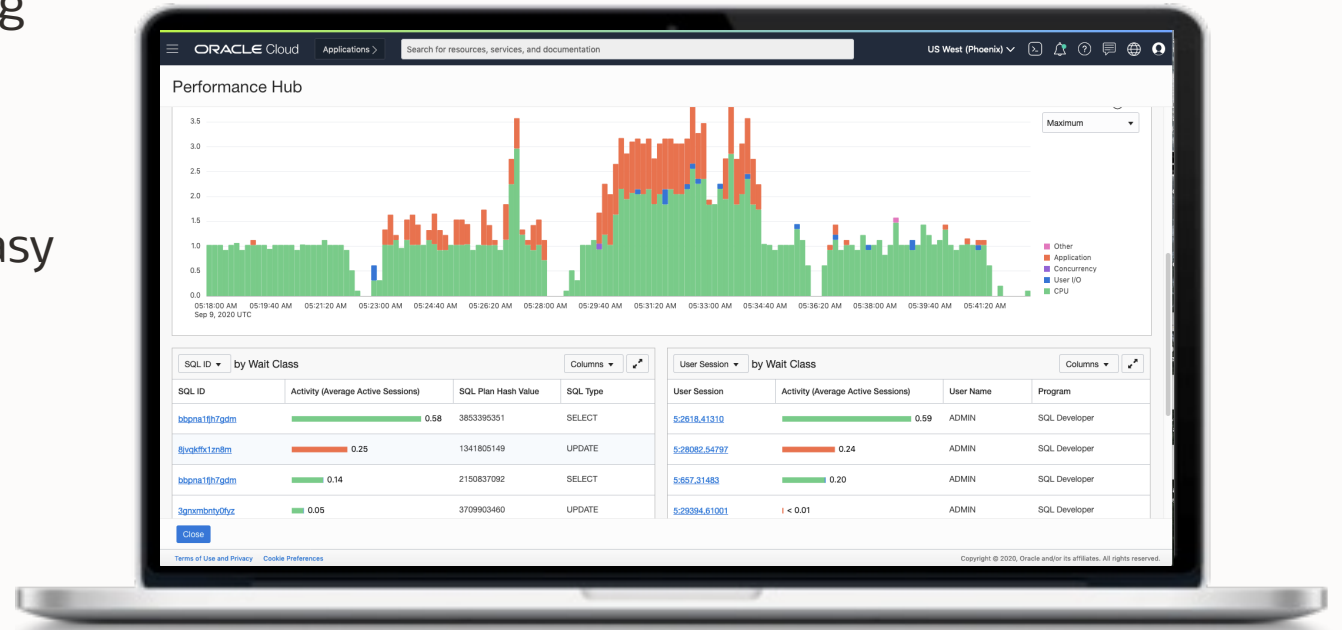
- Unified view for monitoring and managing Oracle Database fleet across on-premises and cloud

Performance diagnostics

- Integrated view of database activity for easy performance diagnostics
- Includes ASH Analytics, SQL/ Session details, blocking sessions and metrics exploration, etc.
- Advanced execution plan analysis for monitoring and optimization

Database administration

- Tablespace management, Database Parameter configuration, Scheduled Jobs, etc.



Management Options for Oracle Cloud Databases

Database Management features are available as part of two Management Options, and you can select either option when enabling Database Management:

Full Management

- Includes all Database Management features for Oracle Database Enterprise Editions and above
- Also available for Oracle Database Standard Edition, but it doesn't include Performance Hub features

Basic Management

- 14 basic monitoring metrics such as CpuUtilization, StorageAllocated, and UserCalls, etc.
- ASH Analytics and SQL Monitoring features in Performance Hub for CDBs
 - These features are not available for PDBs

Why customers are choosing Oracle Observability and Management

- 1 Natively built within Oracle Cloud Infrastructure
- 2 All the services DevOps need to monitor cloud native applications
- 3 Built to support open standards like Open Tracing and Open Telemetry
- 4 Out of the box support for OCI developer and database services
- 5 Native support for very large/high volume application
- 6 Superior price-performance

Observability & Management Resources

On Oracle.com

- oracle.com/manageability

Blog

- blogs.oracle.com/observability

YouTube Channel

- www.youtube.com/OracleManagementCloud

Hands-on Labs

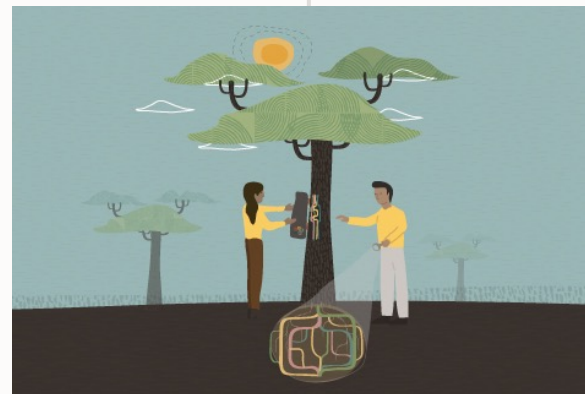
- bit.ly/golivelabs

Documentation

- docs.oracle.com/en-us/iaas/Content/services.htm

Reference Architectures

- docs.oracle.com/solutions



Strong Customer, Partner Adoption and Analyst Validations

Customers



Partners



Analysts



Oracle's focus on monitoring and observability is meeting customer challenges



puts Oracle to the test, assessing its capabilities for multicloud observability and active management



Oracle is a leader in multicloud management



Oracle enables holistic observability



Thank you



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