

Oracle Global Data Services (GDS)

Customer Implementations

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Oracle Sharding & GDS Product Management

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Safe Harbor Statement

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Large SaaS Provider for Clinical Trials

Cloud-based platform for clients to build their own clinical trials and perform medical research



Goal: Scalable architecture for analysis of patient-related data for clinical operations



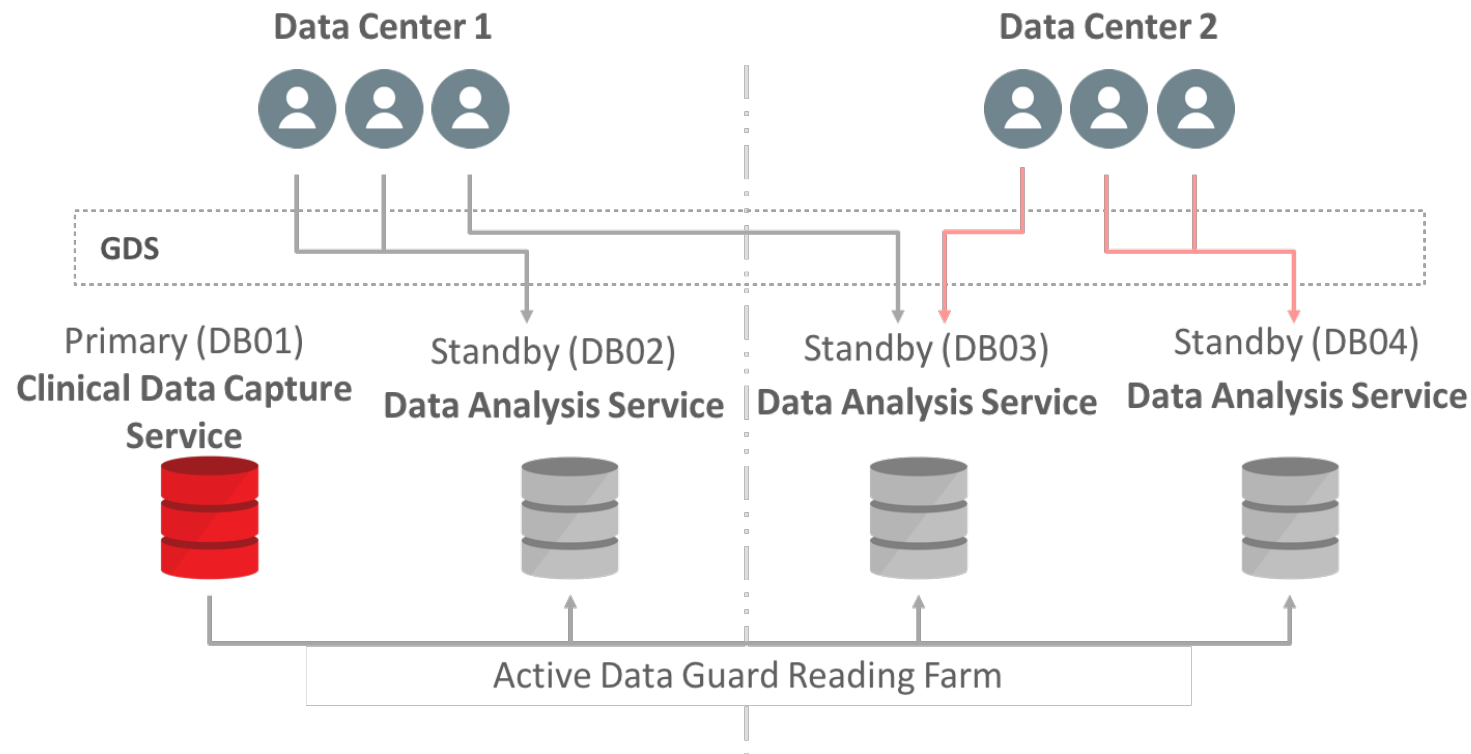
Global Load Balancing



Centralized Service Management

Challenges

- High scalability for data analysis
- Balance read-only workload on the reader farm



Results/ Benefits

- GDS allowed a scalable SaaS platform for clinical data analysis
- Zero licensing cost – as Oracle GDS is included with Active Data Guard

Global Hotel/Resorts Company Operating in 35 Countries

Mission Critical Application for Check-in and Points-exchange



Goal: Distributed infrastructure that provides continuous availability for unplanned and planned outages



Global Service Failover



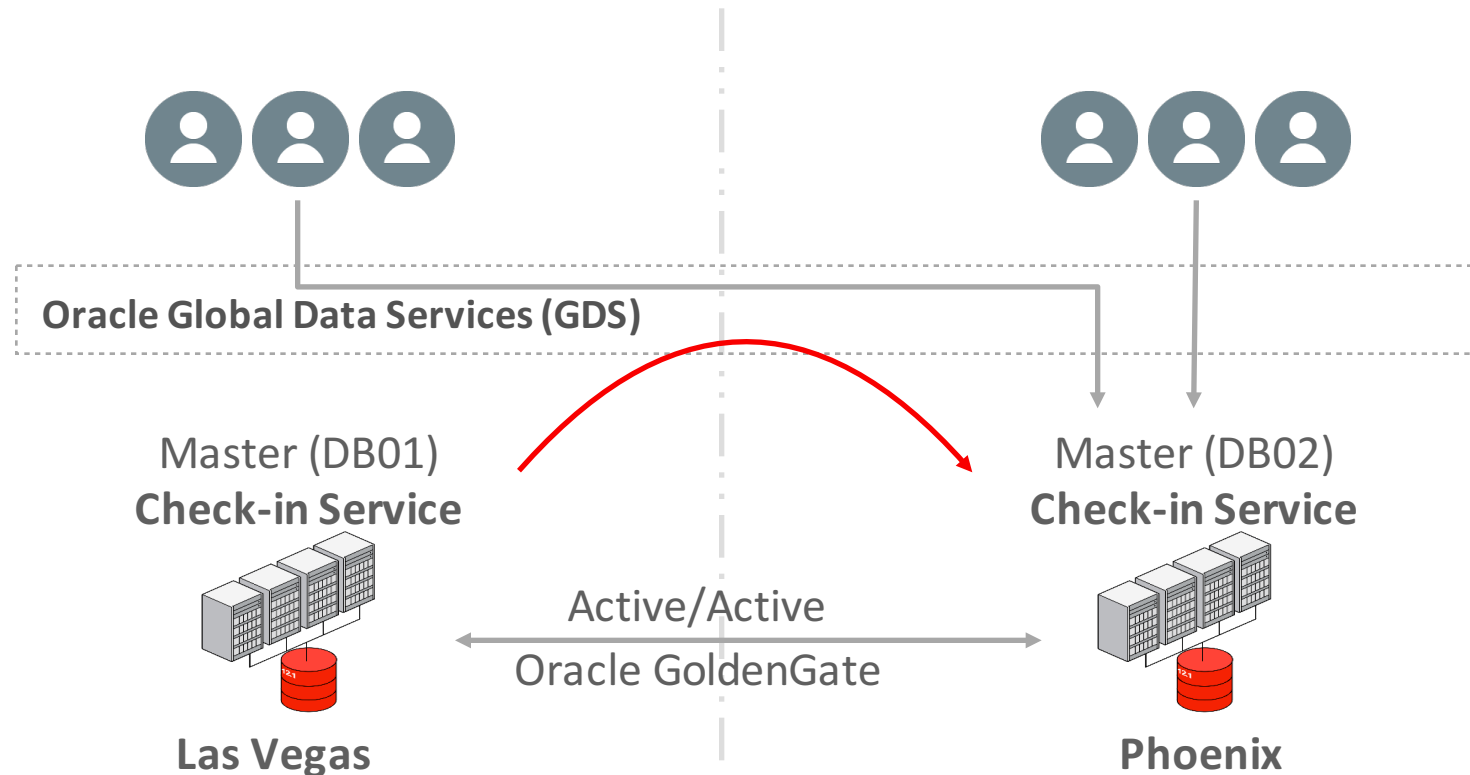
Centralized Service Management



Continuous Availability

Challenges

- Application downtime impacts customer check-in.
- Application needs to be patched numerous times a week (sometimes in a day).
- Takes couple of hours of downtime .



Results/ Benefits

- DBA applies the patch and fails over the global service to the patched environment .
- With Oracle GDS, application downtime has been eliminated.



Unspecified US Government Agency

Mission Sensitive Application



Goal: Achieve database high availability for all workloads running in a replicated environment



Automatic Global Service Failover



Downtime Reduction



Locality-based Routing

Challenges

- Database downtime impacts the application's availability
- Application requires high uptime and performance

Availability Domain 1



Availability Domain 2



Oracle Global Data Services (GDS)

**Primary(DB01)
Read-Write Service**



**Standby (DB02)
Read-Only Service**



Active
Data Guard

Results/ Benefits

- Leveraged Role-based global services with Oracle GDS.
- Global services are automatically relocated upon role transition.
- Improved application performance via GDS locality based routing.

Integrated Cloud

Applications & Platform Services

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