

25-JUN-2025

# Oracle Cloud Infrastructure

Secure, scalable, affordable (and with a hidden gem)



Niels de Bruijn  
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code of change



# Say Hy\_!



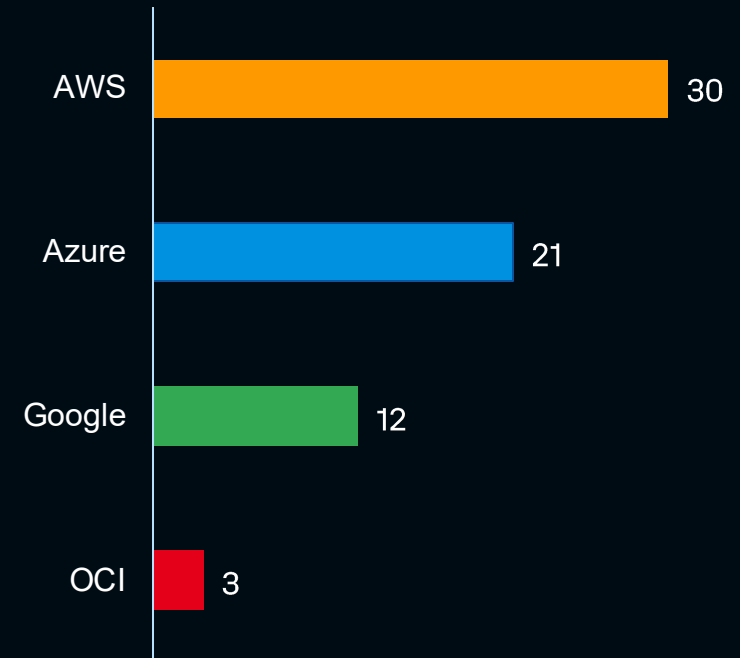
**Niels de Bruijn**  
Bereichsleiter Low-Code



# Market Share Relevant Hyperscaler



Market Share Q4 2024 in %



25.06.2025, <https://www.statista.com/chart/18819/worldwide-market-share-of-leading-cloud-infrastructure-service-providers/>

# OCI business is rapidly growing

"Q4 (Mar-May 2025) Cloud Infrastructure (IaaS) Revenue \$3.0 billion, up 52%"

"Cloud Infrastructure revenue growth rate is expected to increase from 50% in FY25 to over 70% in FY26." – Safra Catz, Oracle CEO

"Oracle is well on its way to being not only the world's largest cloud application company - but also one of the world's largest cloud infrastructure companies." – Safra Catz, Oracle CEO

11.06.2025, <https://investor.oracle.com/investor-news/news-details/2025/Oracle-Announces-Fiscal-2025-Fourth-Quarter-and-Fiscal-Full-Year-Financial-Results/default.aspx>

# About OCI

- 2<sup>nd</sup> gen Cloud (since 2018) more flexible and secure due to Isolated Network Virtualization
- 150+ services (from IaaS like storage, compute, IdP, DB, AI up to SaaS)
- Integrates with Azure, AWS and Google
- 200+ live and planned regions worldwide (as of 24-APR-2025)
- Oracle EU Sovereign Cloud: separated from Public Cloud, managed by local entities
  - same services, same price

12.06.2025, <https://blogs.oracle.com/cloudsecurity/post/exploring-oracles-gen-2-cloud-infrastructure-security-architectures-isolated-network-virtualization>

12.06.2025, <https://www.oracle.com/de/cloud/eu-sovereign-cloud/>

# Pricing

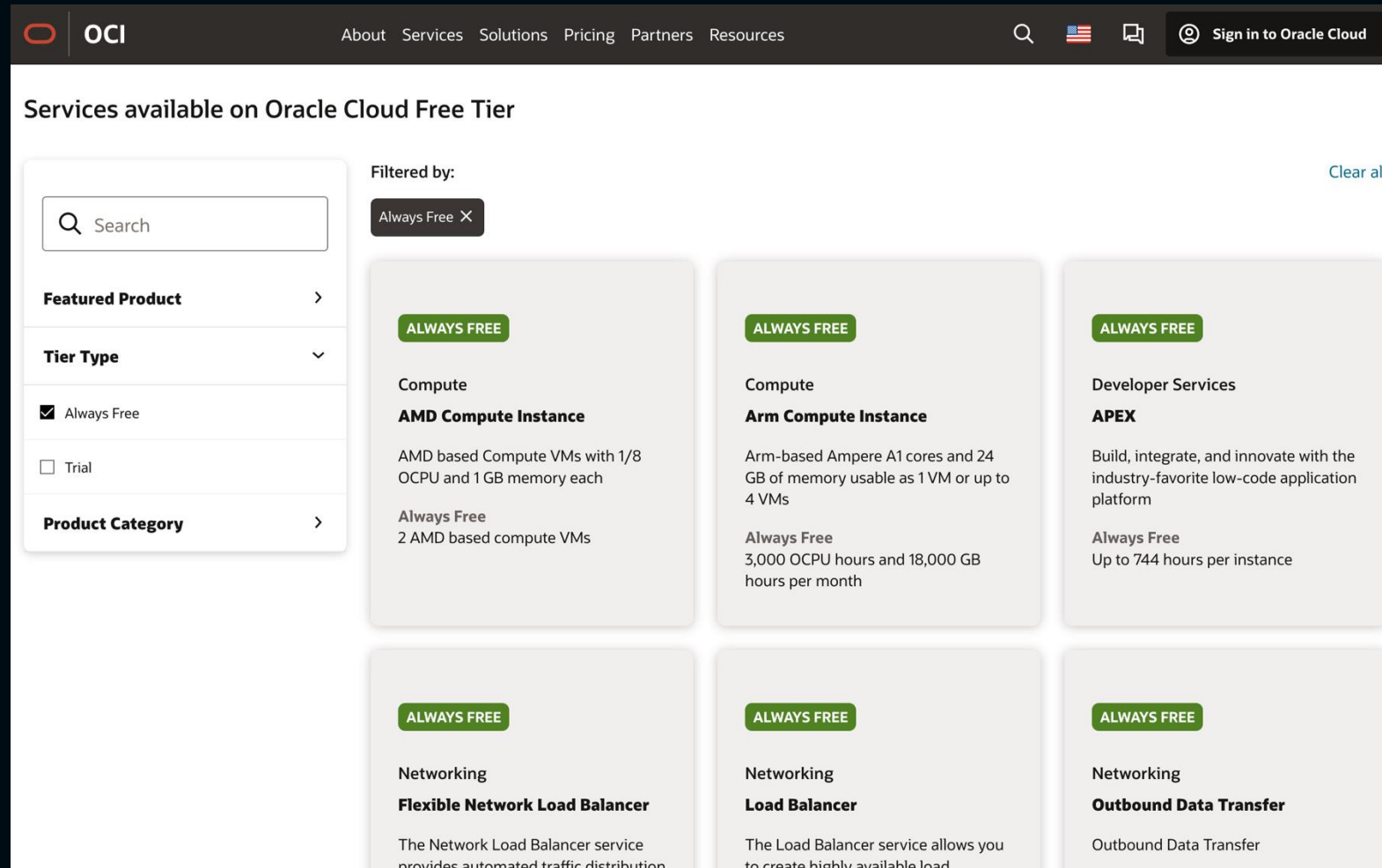
## 50% less for compute, 70% less for block storage, 80% less for networking

	Oracle (OCI)	Amazon (AWS)	Microsoft Azure	Google (GCP)
Virtual machine instance (AMD, 4 vCPUs, 16 GB RAM, monthly)*	\$54	2.3X	2.3X	2.1X
Kubernetes cluster (64 vCPUs, 512 GB RAM, monthly)	\$3,507	2.3X	2.3X	2.1X
Block storage (1x1 TB, 15K IOPS, 125 MB/sec, monthly)	\$43	5X	5X	4X
Public bandwidth transferred out (50 TB, monthly)	\$340	13X	10X	10X

\*Comparisons performed using pricing for the equivalent eastern US region

**Green** = lowest cost (in US dollars based on published pricing as of December 5, 2024)

# Services "Always Free"



The screenshot shows the Oracle Cloud Free Tier services page. The header includes the OCI logo, navigation links (About, Services, Solutions, Pricing, Partners, Resources), a search icon, a US flag, a chat icon, and a 'Sign in to Oracle Cloud' button. The main heading is 'Services available on Oracle Cloud Free Tier'. On the left, there's a sidebar with a search bar, 'Featured Product' link, 'Tier Type' dropdown (with 'Always Free' selected), and 'Product Category' link. The main content area shows a grid of services, all marked 'ALWAYS FREE'. The services listed are: AMD Compute Instance (2 AMD based compute VMs), Arm Compute Instance (3,000 OCPU hours and 18,000 GB hours per month), Developer Services APEX (Up to 744 hours per instance), Flexible Network Load Balancer, Load Balancer, and Outbound Data Transfer.

OCI About Services Solutions Pricing Partners Resources Sign in to Oracle Cloud

## Services available on Oracle Cloud Free Tier

Filtered by: **Always Free** [Clear all](#)

**Featured Product** >

**Tier Type** v

☒ Always Free

☐ Trial

**Product Category** >

**ALWAYS FREE**

Compute

**AMD Compute Instance**

AMD based Compute VMs with 1/8 OCPU and 1 GB memory each

Always Free  
2 AMD based compute VMs

**ALWAYS FREE**

Compute

**Arm Compute Instance**

Arm-based Ampere A1 cores and 24 GB of memory usable as 1 VM or up to 4 VMs

Always Free  
3,000 OCPU hours and 18,000 GB hours per month

**ALWAYS FREE**

Developer Services

**APEX**

Build, integrate, and innovate with the industry-favorite low-code application platform

Always Free  
Up to 744 hours per instance

**ALWAYS FREE**

Networking

**Flexible Network Load Balancer**

The Network Load Balancer service provides automated traffic distribution

**ALWAYS FREE**

Networking

**Load Balancer**

The Load Balancer service allows you to create highly available load

**ALWAYS FREE**

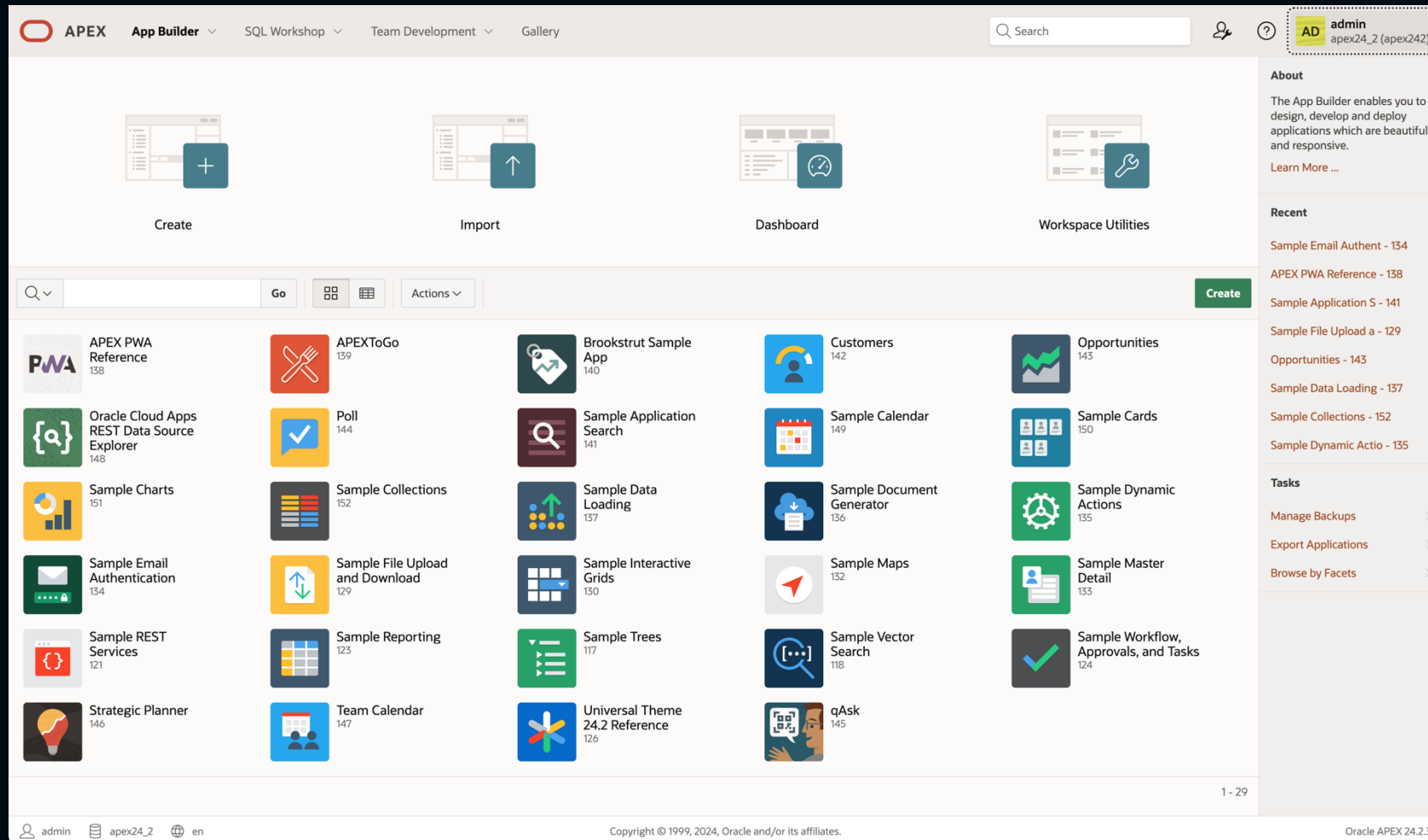
Networking

**Outbound Data Transfer**

Outbound Data Transfer

12.06.2025, <https://www.oracle.com/cloud/pricing/>

# Oracle APEX – a (cost-free) jewel inside the Oracle DB





# Oracle APEX – do more with less

Home Account Overview **Appraisal** Users Countries Accounts Vertical Markets Corporate Growth Rates User Settings

Dashboard for Regional Account Manager Account **New Company**

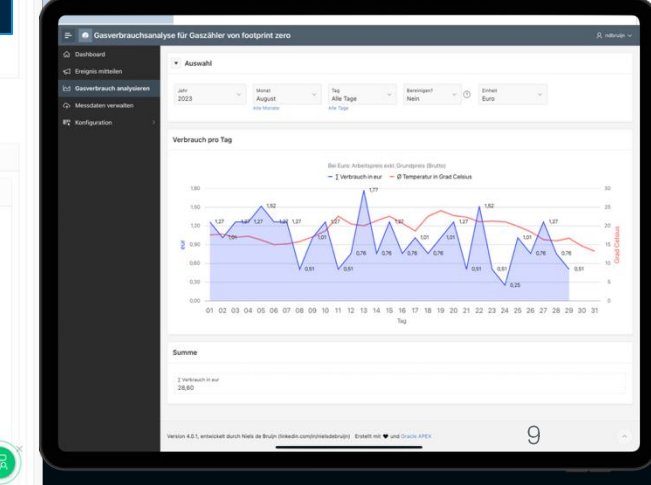
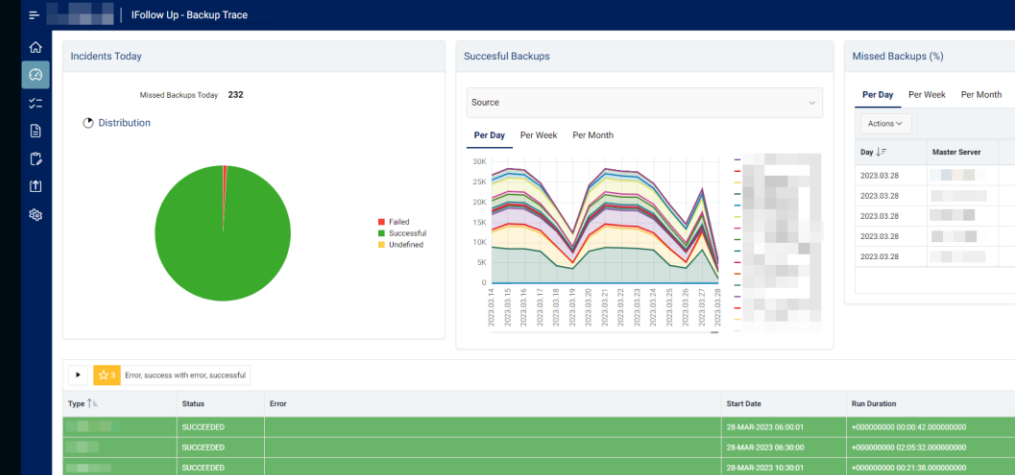
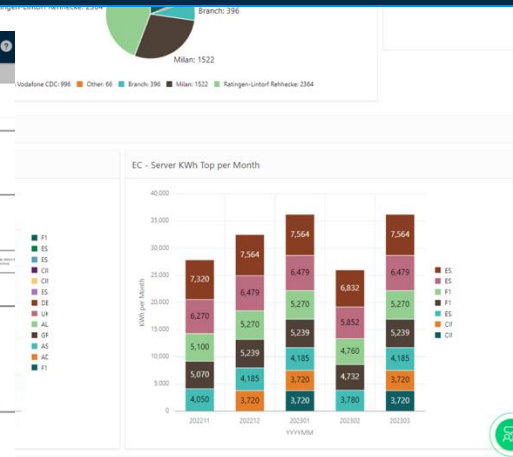
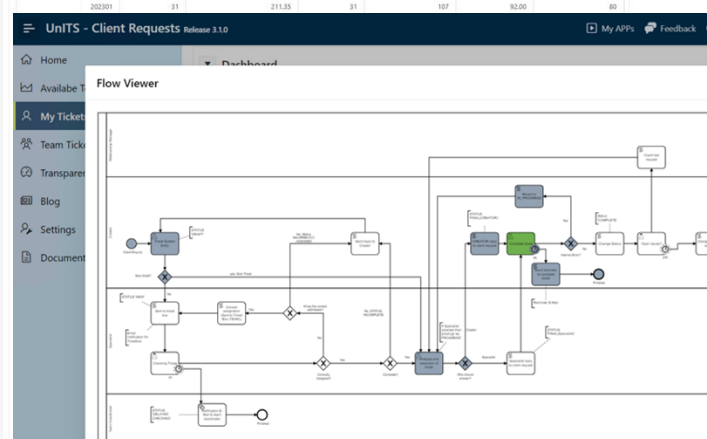
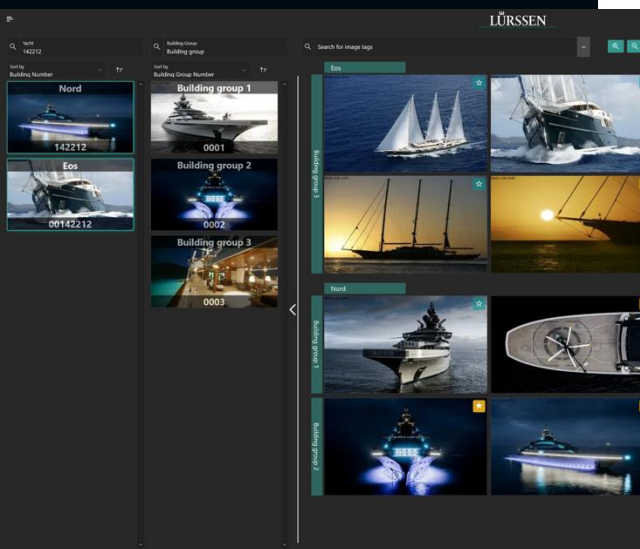
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Status	Region	Country T-12	Air Net Sales (TEUR)	Overseas Net Sales (TEUR)	Land Net Sales (TEUR)	Legislative Net Sales (TEUR)	Official Net Sales (TEUR)	Total Net Sales (TEUR)	Air Export (Mgt)	Air Import (Mgt)	Air Total (Mgt)	Overseas Export (TEUR)
Active	EUROPE	Albania	157	014	1016	1162	1229	4330	518012	150076	714833	245152
Active	EUROPE	Algeria	1518	016	521	1022	627	4306	567669	77368	644817	121482
Active	EUROPE	Austria	1627	414	1075	1371	1285	6432	330172	12188	402700	130036
Active	EUROPE	Belarus	505	632	1616	901	337	3991	235030	331177	566488	128779
Active	EUROPE	Belgium	1266	1683	1680	752	1679	7300	412891	591747	1004738	647435
Active	EUROPE	Bosnia and Herzegovina	349	303	1704	1266	1388	3382	448039	230377	713816	248339
Active	EUROPE	Bulgaria	1863	034	1687	105	1897	5316	241542	8888	249930	577384
Active	EUROPE	Croatia	076	1914	395	1941	1693	7179	543883	73033	471016	197209
Active	EUROPE	Cuba	626	949	1931	894	1273	3915	323344	838272	1158616	363400
Active	EUROPE	Cyprus	1634	472	913	1088	767	5695	347079	630984	1002973	430479
Active	EUROPE	Czech Republic	1915	5014	1580	1387	951	7517	797196	718201	1525399	764886
Active	EUROPE	Denmark	307	5917	1039	1983	488	5645	311584	291586	1462954	239735
Active	EUROPE	Estonia	357	1784	1589	1077	7703	6300	539632	178815	718737	226758
Active	EUROPE	Faroe Islands	368	1070	1383	1676	198	4968	84880	111485	193525	653386
Active	EUROPE	Finland	252	1636	482	543	589	3511	433075	748276	1178731	389716
Active	EUROPE	France	420	1940	627	201	444	3632	247267	151283	404830	284789
Active	EUROPE	French Guiana	1157	361	541	1194	1385	4618	80862	180348	198271	128445
Active	EUROPE	French Polynesia	360	1521	1050	1192	269	4382	703132	822912	1554234	338846
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Active	EUROPE	Greece	1453	104	1781	408	454	4752	1700	31556	33856	333837
Active	EUROPE	Hungary	711	1508	1312	1386	976	6213	429586	372056	802124	608519
Active	EUROPE	Ireland	977	1849	1184	781	348	5899	823349	884335	1510384	733387
Active	EUROPE	Israel	748	279	547	897	869	3041	494913	236263	955276	499883
Active	EUROPE	Italy of Sicily	1918	483	1381	1685	791	4182	146713	670281	821071	716837
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Active	EUROPE	Kazakhstan	1330	1576	1263	1678	958	7385	288281	94887	387778	191829
Active	EUROPE	Romania	1885	1691	896	1172	334	5880	628685	849514	1483179	648485
Active	EUROPE	Lithuania	861	1883	1675	237	1389	6045	78237	117503	195730	702084
Active	EUROPE	Luxembourg	1310	1746	1504	311	1277	6308	476237	311033	820788	175386



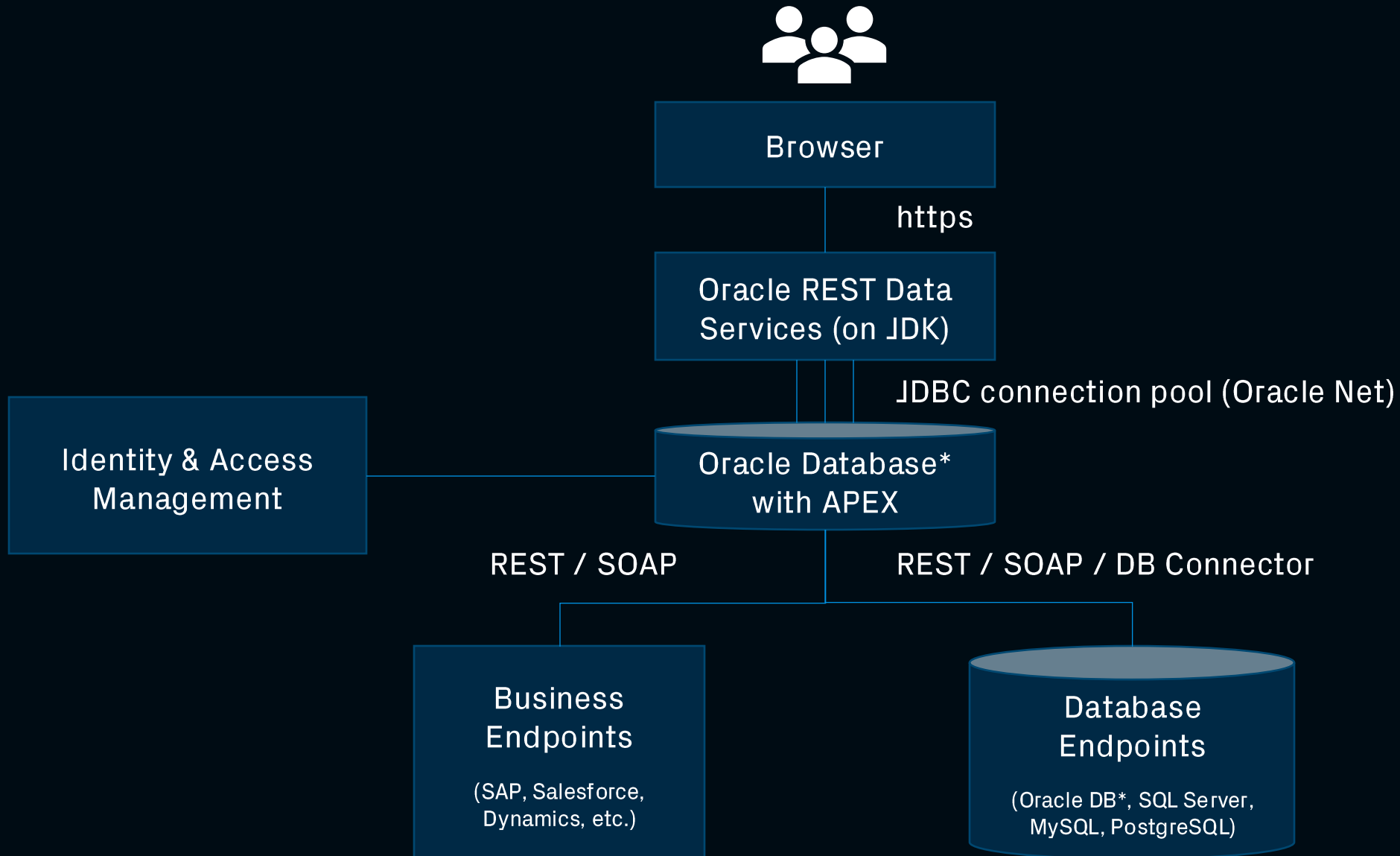
## A typical APEX app

- requires 1 month to produce a prototype
- goes into production after 2-5 months
- takes 1,5 – 4 FTE



# Lean Architecture

\*) Storage of relational, JSON, XML and/or graph data  
(i.e. no need for a separate NoSQL DB)



# Let's talk!



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[knowledgebase.hyand.com](https://knowledgebase.hyand.com)

