

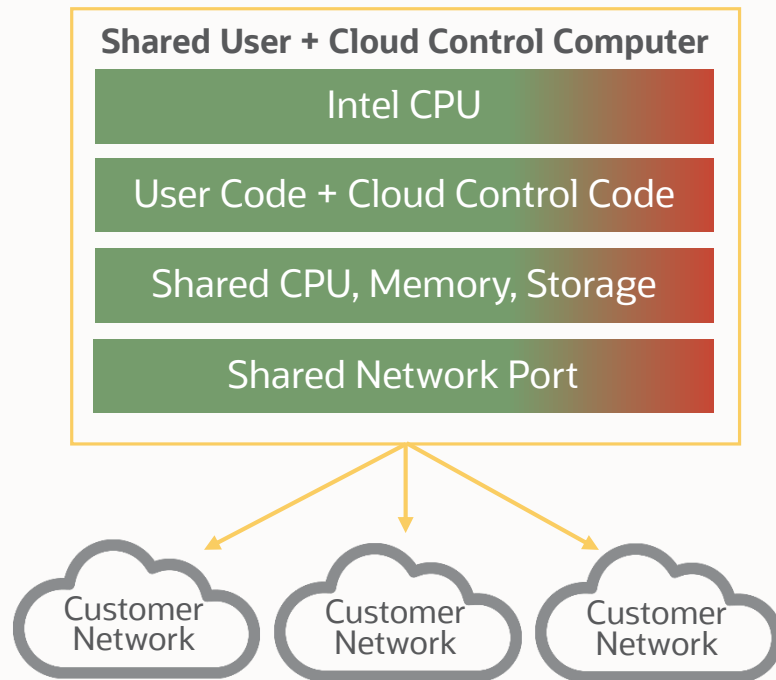
# 29 Oracle Cloud regions and growing

January 2021: 29 Regions Live, 9+ Planned; 6 Azure Interconnect Regions



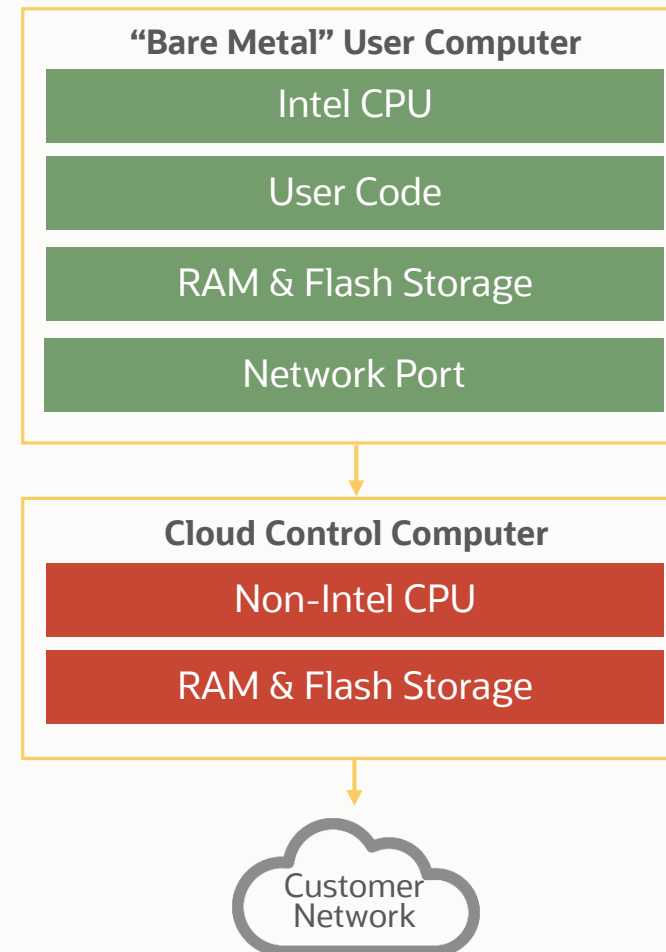
## Gen 1 Clouds Shared Computers

- Cloud provider can see customer data
- User code can access cloud control code



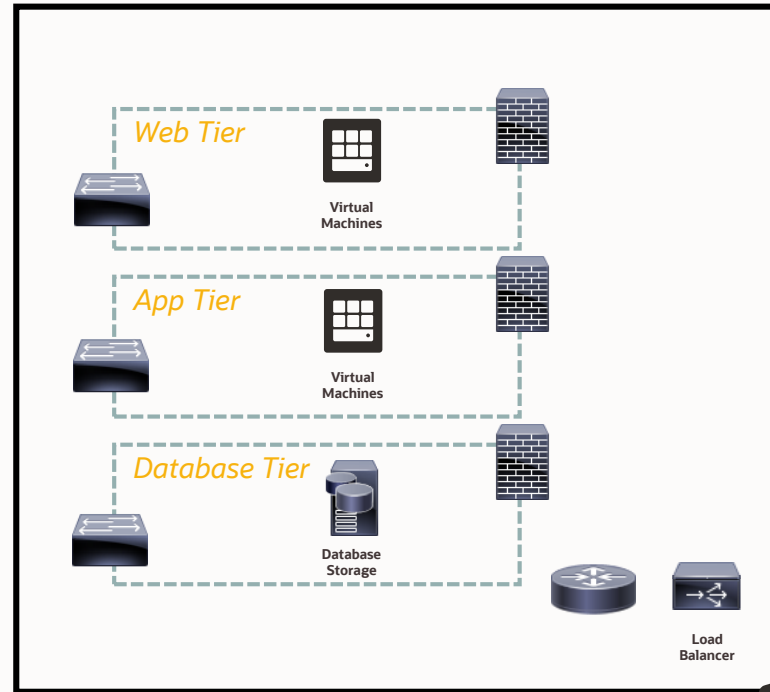
## Oracle Cloud Infrastructure Separate Cloud Control Computers

- ✓ Oracle cannot see customer data
- ✓ No user access to cloud control computer

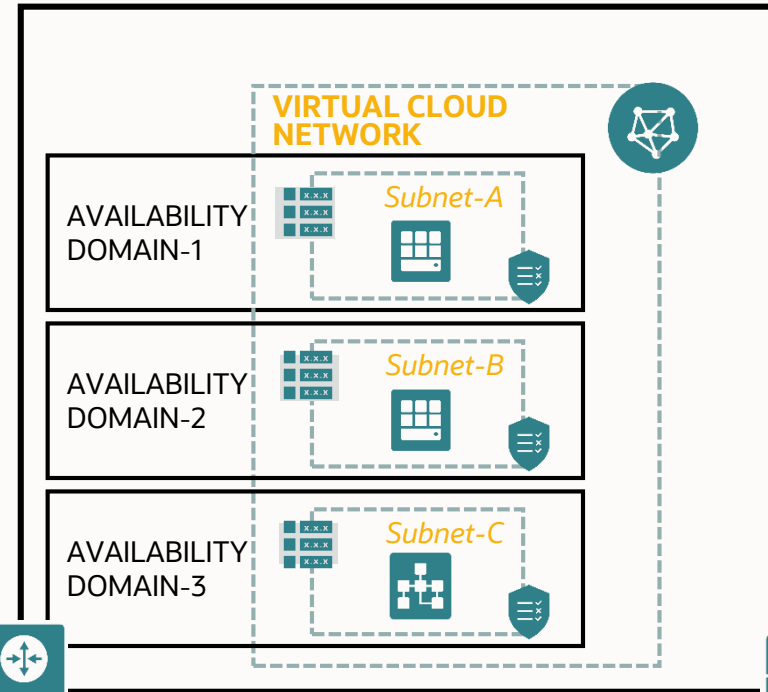


# Networking flexibility and control

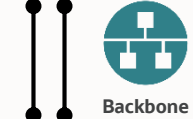
## CUSTOMER DATA CENTER



## ORACLE CLOUD REGION



Customer Datacenter



Provisioned bandwidth Load Balancing



End customers

OTHER ORACLE CLOUD REGIONS



# Comparing infrastructure pricing across vendors

	<b>Oracle Cloud</b>	Amazon (AWS)	Microsoft Azure	Google (GCP)
Standard Virtual Machine Instances (\$/OCPU/Hour)	<b>\$0.0638</b>	+49%	+49%	+46%
DenseIO Virtual Machine Instances (\$/OCPU/Hour)	<b>\$0.1275</b>	+18%	+48%	+20%
Bare Metal Standard (\$/OCPU/Hour)	<b>\$0.0638</b>	+45%	N/A	N/A
Bare Metal Dense IO (\$/OCPU/Hour)	<b>\$0.1275</b>	+4%	N/A	N/A
GPU Instances (\$/GPU/Hour)	<b>\$2.25</b>	+26%	+26%	+4%
Block Storage: Massive Perf. (annual cost, 400GB 20K IOPS)	<b>\$204</b>	+7,900%	+2,900%	+400%
Data Archive (\$/GB/Month)	<b>\$0.0026</b>	+35%	-30%	+63%
Internet Data Egress (50TB/Month)	<b>\$340</b>	+1,300%	+1,300%	+1,300%
Private Line Network (1 Gbps, 100TB Data, Monthly)	<b>\$155</b>	+2,100%	+3,700%	+1,500%





















**Bold** = Lowest Cost



# End-to-end cloud infrastructure SLAs

	Oracle	AWS	Azure	GCP
Availability	✓	✓	✓	✓
Performance Disk IOPS & Network	✓	✗	✗	✗
Manageability API Error Rate	✓	✗	✗	✗

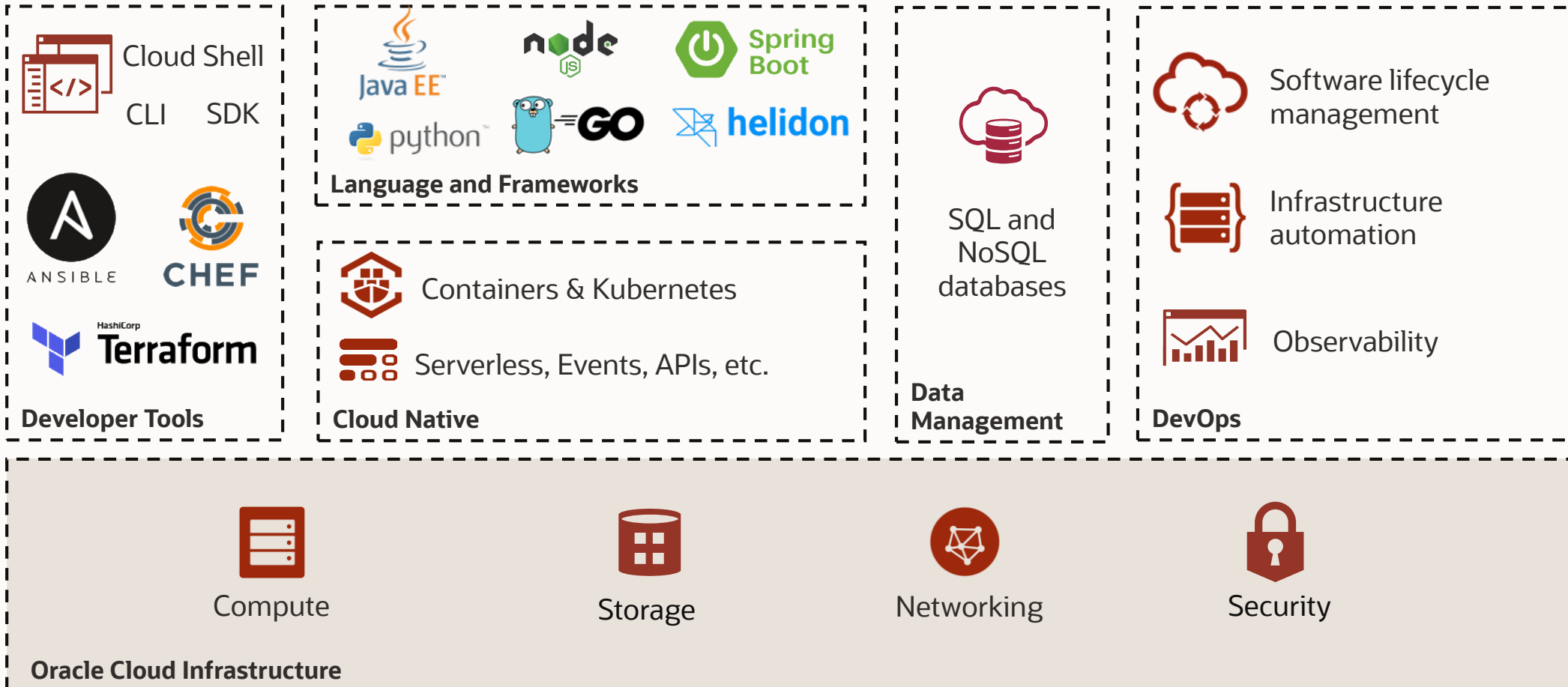
# Complete cloud services

<p><b>Developer, DevOps</b></p>  <p><b>LOW CODE</b> APEX, Visual Builder, Digital Assistant</p>  <p><b>DEVELOPER</b> Developer, GraalVM, Helidon, SQL Developer, Shell, APIs/SDKs</p>  <p><b>INFRASTRUCTURE as CODE</b> Resource Manager, Terraform, Ansible</p>	<p><b>Applications</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="529 379 825 565">  <p><b>SERVERLESS</b> Events, Functions, API Gateway, Streaming</p> </div> <div data-bbox="907 379 1105 565">  <p><b>INTEGRATION</b> Integration, SOA Service</p> </div> <div data-bbox="1238 372 1600 565">  <p><b>SAAS</b> ERP, HC, SC, Sales, Marketing, Service, Vertical Industry</p> </div> </div>			<p><b>Analytics</b></p>  <p><b>ANALYTICS</b> Analytics, Data Science, Cloud SQL</p>	<p><b>Governance, Security</b></p>  <p><b>GOVERNANCE</b> IAM, Compartments, Tagging, Cost Analysis</p>  <p><b>SECURITY</b> IAM, Audit, KMS, Vault, CASB, Data Safe, DDoS, WAF</p>  <p><b>OBSERVABILITY</b> Monitoring, Logging, Notifications, Events, Alarms</p>  <p><b>MULTICLOUD</b> Identity, Management</p>
<p><b>Data Management</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="529 672 800 879">  <p><b>DATA MGMT</b> Database Migration, Data Integration, Data Catalog</p> </div> <div data-bbox="932 665 1207 815">  <p><b>DATA PROCESSING</b> DataFlow, Big Data</p> </div> <div data-bbox="1340 665 1607 879">  <p><b>AUTONOMOUS DATABASE</b> Transactions, Data Warehouse, Dedicated</p> </div> <div data-bbox="1740 665 1946 879">  <p><b>DATABASE</b> Bare metal, VMs, Exadata, NoSQL, MySQL</p> </div> </div>					
<p><b>Infrastructure</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="529 972 741 1165">  <p><b>COMPUTE</b> Bare metal/VM, CPUs/GPUs/HPC</p> </div> <div data-bbox="810 972 1065 1165">  <p><b>CONTAINERS</b> Containers, Kubernetes, Registry</p> </div> <div data-bbox="1116 972 1378 1193">  <p><b>OS / IMAGES</b> Autonomous Linux, OS Mgmt Service, Marketplace, VMware</p> </div> <div data-bbox="1429 972 1717 1193">  <p><b>STORAGE / IMPORT</b> NVMe, Block, File, Object, Archive, Data Transfer / Appliance</p> </div> <div data-bbox="1768 972 1997 1193">  <p><b>NETWORKING</b> VCN, LB, Service Gateway, FC, VPN, Cluster Networking</p> </div> </div>					

**29 PUBLIC AND GOVERNMENT REGIONS / EXADATA CLOUD AT CUSTOMER / AZURE**



# Oracle Cloud for Cloud Native, DevOps, Database, and Infrastructure

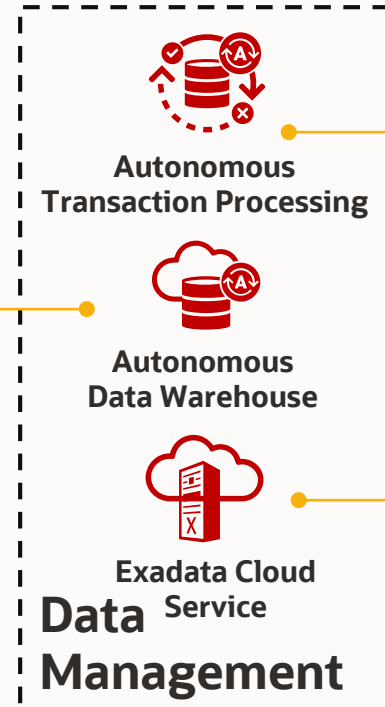


# Oracle Cloud for Database and Infrastructure



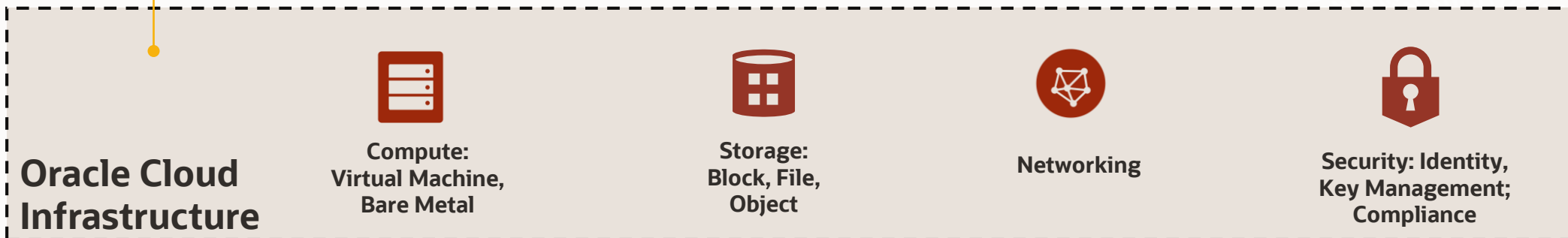
Data warehouse that scales elastically, delivers fast query performance, and requires no administration

Gen-2 infrastructure with non-variable performance and simple pricing



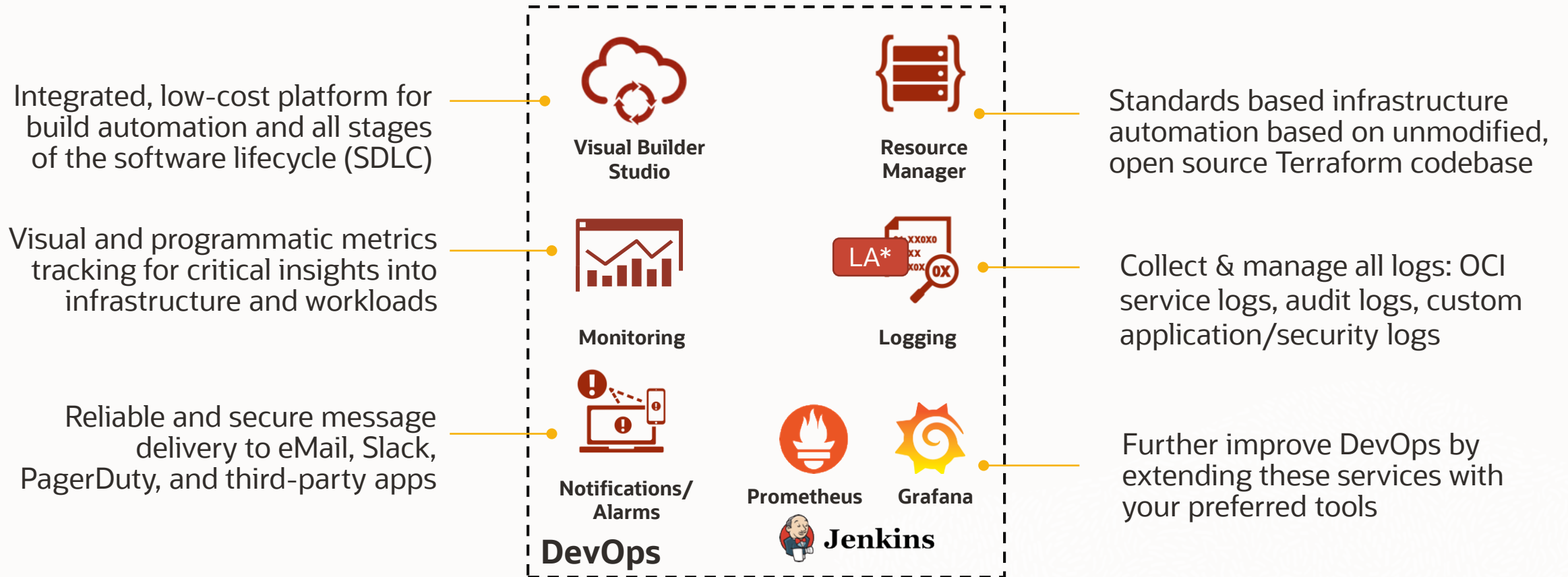
Easily provide transaction processing for mission critical applications

Oracle's highest performance engineered system for enterprise scale databases

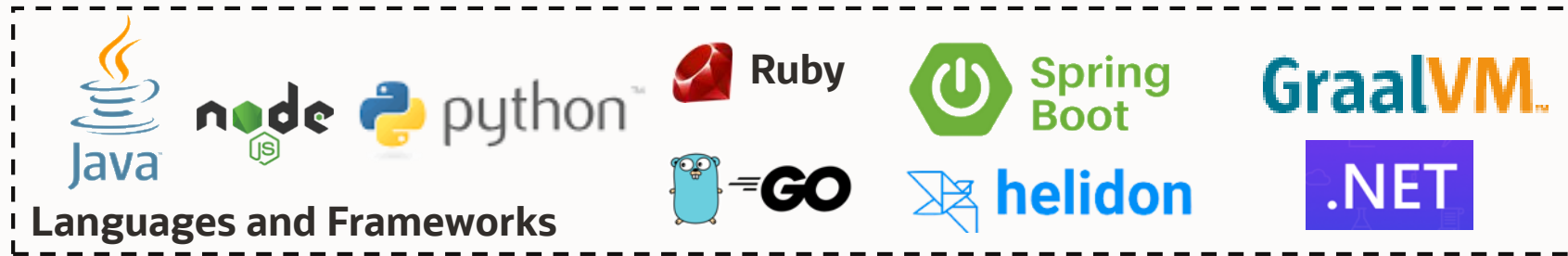




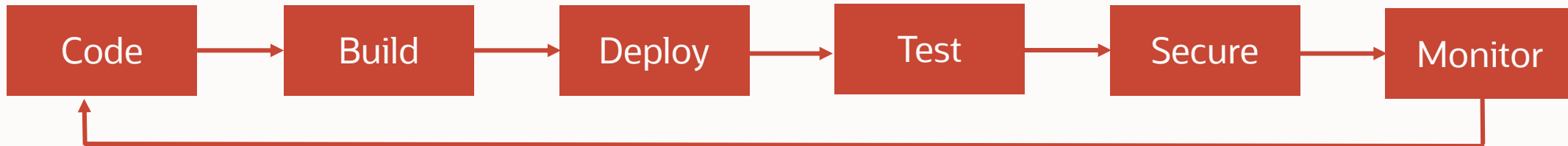
# Oracle Cloud for DevOps



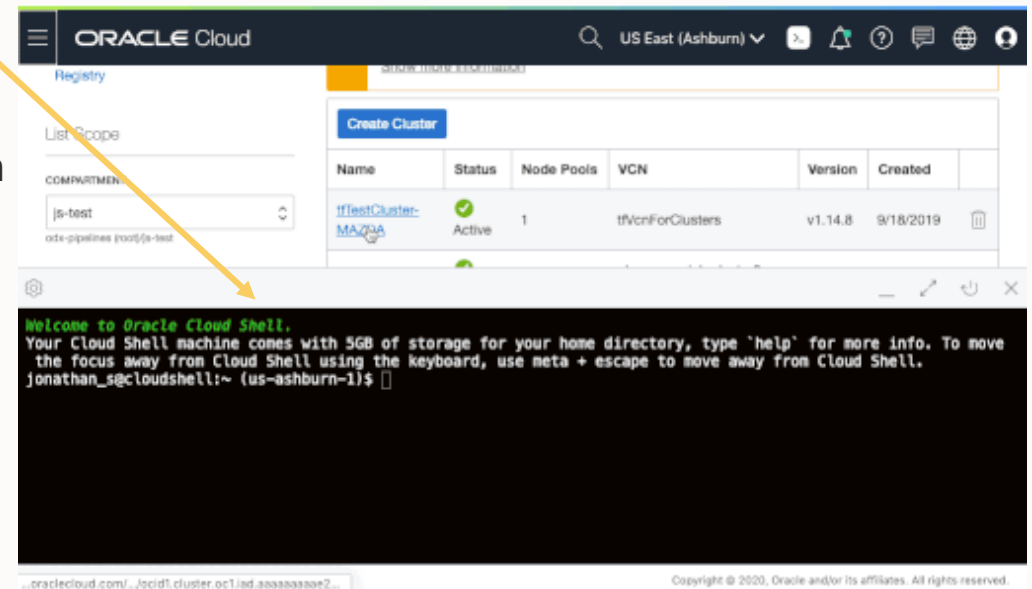
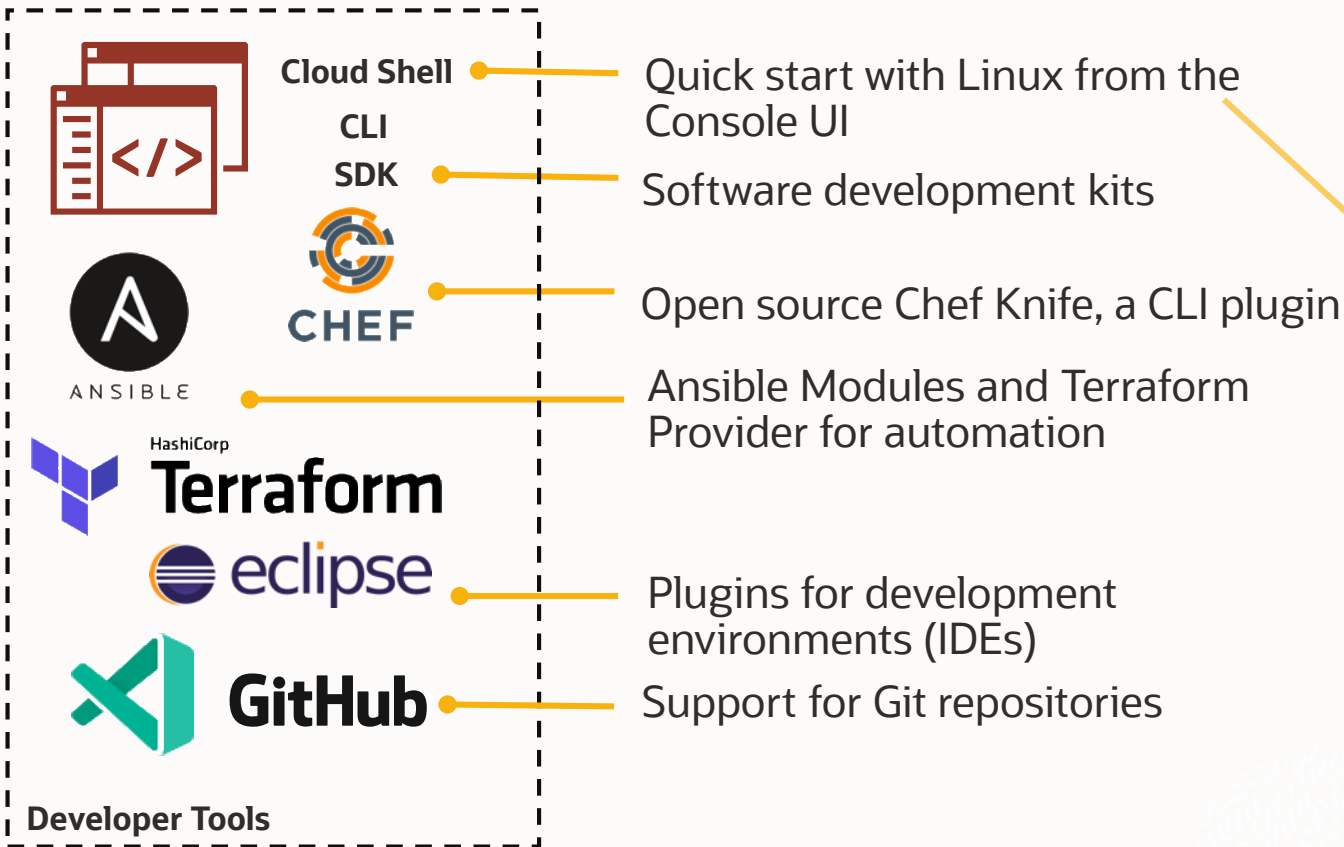
# Oracle Cloud for development



## Software Development Lifecycle



# Developer tools for Oracle Cloud

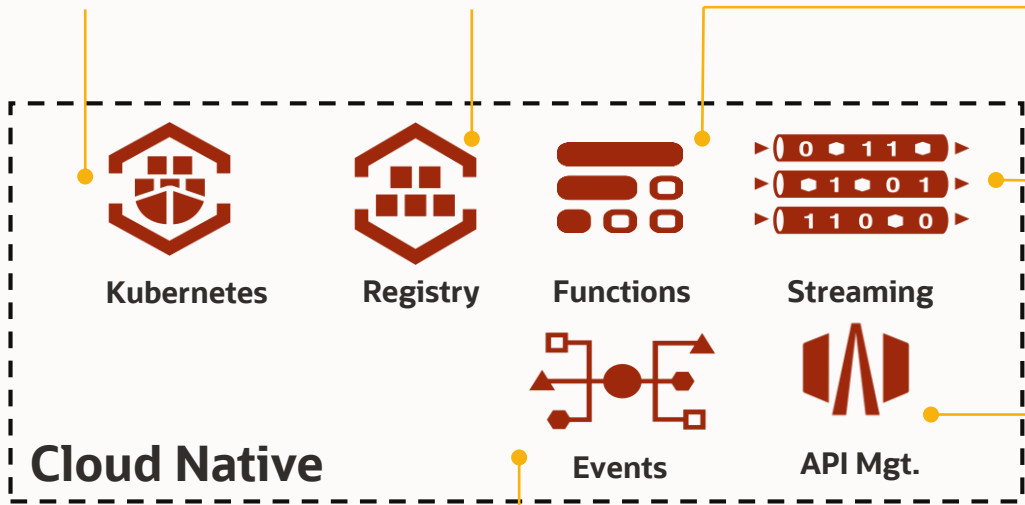


# Oracle Cloud for Cloud Native

Fully managed, certified, Kubernetes service available in all commercial regions

Docker standard-based registry to reliably and securely store & share container images

Economical and scalable serverless functions service that supports various languages



Apache Kafka-compatible data flow at-scale for web/mobile, logs, infrastructure/apps, and more

API lifecycle management through three services:

- Apiary for building APIs
- API Gateway for deploying APIs
- API Platform for consuming APIs



# Why choose Oracle?

## End-to-end Cloud Native and DevOps

- Containers, serverless, APIs, event-streaming, and more
- Tools for the entire software development lifecycle (SDLC)
- Automation for cloud native apps and legacy workloads
- Open source and standards-based for no cloud lock-in

## Simplified Data Management

- Easily manage all types of data: relational and non relational
- Zero database maintenance
- Automatic security fixes
- High performance database; Autonomous is built on Exadata
- Elastic: pay only for what you use

## Cost-effective Managed Services

- Gen-2 Infrastructure: more performance per dollar spent
- Free Kubernetes management
- Predictable pricing, even for overages
- Includes enterprise support, close relationships with product teams
- Use in 17+ commercial regions

These services are leveraged internally to drive the multi-billion dollar Oracle business

