

ORACLE®

CLOUD INFRASTRUCTURE  
COMPUTE CLASSIC



**Move to Your Private Data Center in the Cloud**  
Zero CapEx. Predictable OpEx. Full Control.

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# About the Service

## About the Service

Set Up Your Site

Size Your VMs

Choose Your Image

Organize Storage

Design Your Network

Automate Resource Management

Get Started

**The problem.** You run multiple data centers with hundreds of servers hosting diverse workloads. The servers are of a dizzying array of hardware specs and configurations. Your data centers contain networking and storage devices accumulated over the years from too many vendors to keep track of. You pay an army of engineers to keep everything in your data centers humming day in and day out. Your OpEx budget is shrinking by the month. Your business users want more IT power every day. CapEx approvals are hard to get, even for replacing end-of-life hardware and software. Still you must consistently meet (and beat) cost, performance, and availability goals.

If this problem sounds familiar, then perhaps you've considered migrating to the public cloud.

**The constraints.** What's stopping you from moving right away to the public cloud?

- First, you want to be able to continue to use all those software licenses you've purchased over the years.
- Second, you want your applications and data to continue to be secure and isolated.
- Finally, although you're attracted by the financial efficiency of the public cloud, you want to retain control over how your IT resources are deployed.

**The solution.** Subscribe to Oracle Cloud Infrastructure Compute Classic, a secure, reliable, low-cost, standards-based infrastructure service.



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Subscribe to Oracle Cloud Infrastructure Compute Classic, and easily launch and manage virtual machines running operating systems of your choice, with all the necessary storage resources and network settings. Scale your topology up and down based on your business needs.

Don't want noisy neighbors in the public cloud? Opt for dedicated capacity in Oracle Cloud Infrastructure Compute Classic. You get an environment that's physically isolated from other tenants in the cloud, and you experience predictable performance—all this while you continue to enjoy the agility and flexibility of the cloud. It's like having your own private space in the public cloud!

**Rapid provisioning.** Easily create as many virtual machines (VMs) as you want with the necessary storage and networking resources, and run all of your applications on the VMs. Manage and scale your VM topology in the cloud with a few clicks of the mouse.

**Maximum flexibility and full control.** By migrating your on-premises applications to Oracle Cloud Infrastructure Compute Classic VMs, you can take advantage of the elastic compute, storage, and network capabilities of the service.

And if you opt for dedicated capacity, then you're the **only tenant** on a site. You enjoy predictable performance, full control, and complete network isolation in the public cloud.



# Size Your VMs

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When you create VMs in Oracle Cloud Infrastructure Compute Classic Service, you can pick CPU and memory resources for your VMs from a range of *shapes*, each of which is a carefully designed combination of processor and memory limits.

So what's a shape? It defines the number of *Oracle Compute Units (OCPU)* and the amount of RAM available for a VM. An OCPU provides CPU capacity equivalent to one physical core of a modern Intel Xeon processor with hyperthreading enabled.



A wide range of shapes is available to help you select the combination of compute power and memory for your VMs that best suits your business requirements.

When you select a shape for your VM, consider the nature of applications that you'll deploy on the VM, the number of users that you expect to use the applications, and how you expect the load to scale in the future. Remember to also factor in the CPU and memory resources that will be consumed by the operating system running on the VM.



# Organize Storage

For each of your VMs, you can provide up to 20TB of block storage for storing data and applications, by creating up to 10 persistent *storage volumes* and attaching them to the VMs. When you create a storage volume, you can specify the capacity that you need—from 1 GB all the way up to 2TB. You can attach storage volumes to VMs either when you create the VMs or later.

After creating a VM, you can scale up or scale down the block storage capacity for the VM by attaching or detaching storage volumes. Even after you delete VMs, the data stored in the storage volumes remains intact until you delete the volume.

While creating a VM, you can opt to boot from a persistent boot volume, ensuring that any changes that you make to the boot disk persist when the VM is re-created.



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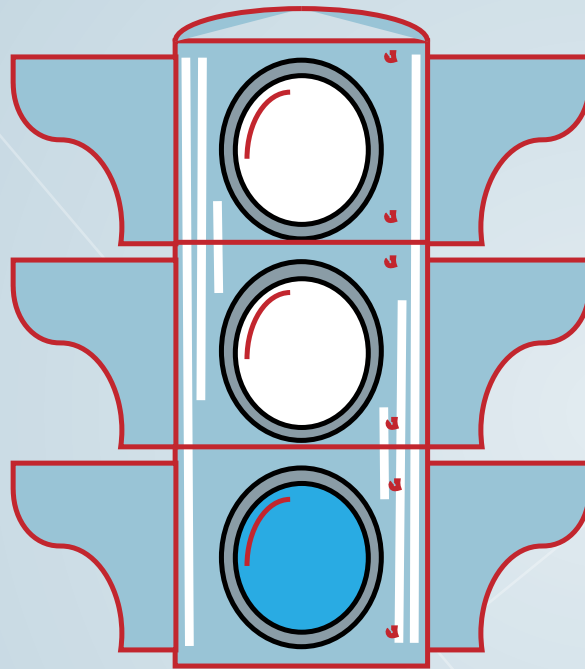
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- [Oracle Cloud Computing Group](#)

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