Azure Virtual Machines

Azure Virtual Machines: Create Linux and Windows virtual machines (VMs) in seconds and reduce costs.

Choose the right VM for your workload and reduce costs

Migrate your business- and mission-critical workloads to Azure infrastructure and improve operational efficiency. Run SQL Server, SAP, Oracle® software and high-performance computing applications on Azure Virtual Machines. Choose your favourite Linux distribution or Windows Server.

Deploy virtual machines featuring up to 416 vCPUs and 12 TB of memory. Get up to 3.7 million local storage IOPS per VM. Take advantage of up to 30 Gbps Ethernet and the cloud's first deployment of 200 Gbps InfiniBand.

Experience what's new in Azure Compute: Use virtual machine scale sets to build scalable applications. Reduce your cloud spend with Azure Spot Virtual Machines and reserved instances. Build your private cloud with Azure Dedicated Host. Run mission-critical applications in Azure to increase resiliency.

Govern, monitor and back up your VM environments: Ensure compliance and deploy applications to production faster across your entire business with Azure Blueprints. Get recommendations for high availability, security, performance and cost for all of your VMs with Azure Advisor. Safeguard your data against ransomware with Azure Backup. Proactively identify issues and gain intelligent insights with Azure Monitor.

Keep your budget in check with low-cost, per-second billing. You only pay for the compute time you use

Scale from one to thousands of VM instances in minutes with Azure virtual machine scale sets

Encrypt sensitive data, protect VMs from malicious threats, secure network traffic, and meet regulatory and compliance requirements

Choose Linux or Windows. Deploy your own VM image or download images from the Azure Marketplace

Optimise your infrastructure and save money

Reduce costs – up to 72 per cent compared to pay-as-you-go prices – with term pricing through Azure Reserved Virtual Machine Instances. Re-use your on-premises licences to run Windows Server VMs on Azure with Azure Hybrid Benefit and combine RIs with Azure Hybrid Benefit to save up to 80 per cent. Take advantage of spot pricing on Azure VMs and VMSS to run interruptible workloads at deep discounts compared to pay-as-you-go rates. Optimise your cloud spend with Azure Cost Management. Get three more years of free extended security updates for Windows Server 2008 and 2008 R2 when you migrate to Azure.

Cost savings vs. pay as-you-go

72%
Pay as you go | Azure RIs

80%
RIs + Azure Hybrid Benefits