

# Data Center Expansion

VMware on IBM Cloud

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Quickly address current resource constraints by bursting workloads into VMware on IBM Cloud.

The VMware on IBM Cloud solution provides you with all the necessary tools and infrastructure you need to scale up resources to meet workload demand.

## Why scale?

As the capacity of your current data center begins to approach or exceed thresholds, it's important to scale your environment, so that SLA's are met and production applications aren't adversely impacted by demand.

In some cases, you may have larger workloads requiring additional resources for a short period of time. Instead of overbuying physical resources or engaging in long sales and deployment cycles, take advantage of cloud economics by simply purchasing what you need, when and where you need it. Then simply scale down your new environment and continue with your day-to-day operations once the workload is completed.

## How does it work?

As part of the design and development of the VMware on IBM Cloud solution, IBM architects and development experts developed patent-pending automation that builds, configures, and deploys the infrastructure in a matter of hours.

After the environment is provisioned, simply connect to your new environment and begin deploying workloads. If you happen to need more resources in the future, merely order more capacity and have VMware on IBM Cloud automatically scale your environment.

## Why use VMware on IBM Cloud?

Seamlessly place and execute your new, compute-intensive or short-term workloads to a more resource and cost efficient software-defined data center leveraging VMware vSphere, VMware VSAN, and VMware NSX virtualization technologies.

When you burst your workloads into the IBM Cloud, you are also investing in an IBM architecture that has been rigorously validated via VMware's Validation Design Experts.

## Product Features

### Pay-as-you-Grow

Eliminate extraneous compute and storage costs by paying for only what you need, for as long as you need it.

### Easily React to Demand

Go from a resource-constrained environment to a resource-efficient software-defined data center in a matter of hours.

### Linearly Scale

With our lock-step architecture, you can easily plan for the resources you need to linearly scale your environment. No more guessing or purchasing more than is actually needed.

