IBM Cloud for VMware Solutions

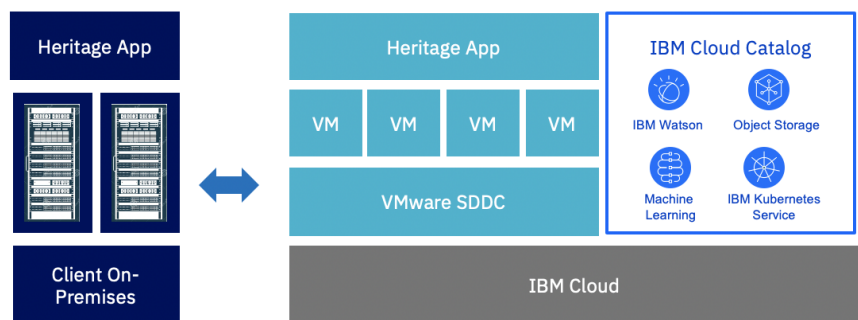## Migrate and Modernize your VMware workloads with ease on IBM Cloud

Highlights

- Right-size infrastructure with 100+ bare metal configs for VMware

- Same level of control as on-prem with hypervisor root level access

- No-cost data transfer within a secure private network backbone

- Geo-fence workloads running across 35+ global data centers

- Run mission-critical workloads on HA infrastructure with 99.99% uptime

- Modernize with Red Hat OpenShift & PaaS across VMs & containers

Across industries, organizations are readily adopting cloud solutions in an effort to improve productivity, increase efficiency, gain agility and reduce IT overhead. But migrating workloads to the cloud and modernizing applications using cloud services can be challenging undertakings. How can your organization take advantage of what the cloud has to offer while reducing complexity and minimizing risk?

IBM Cloud™ for VMware Solutions makes it simpler for your organization to capitalize on the tremendous potential of the cloud. Migrate VMware workloads to the powerful IBM Cloud offers the ability to maintain your on-premises infrastructure as well as allows you to use existing tools, technologies and skills. The integration and automation with Red Hat OpenShift helps accelerate your innovation with services like AI, analytics and more.

IBM Cloud for VMware Solutions Marketecture

Take advantage of a hybrid cloud approach by extending workloads using secure and seamless networking capabilities offered by VMware. IBM Cloud provides clients the option of full access to hypervisor and native VMware stack to manage resources as you would on premises.

With IBM Cloud for VMware Solutions, you gain:

- **Choice:** Select from multiple hardware configurations, single or multi-tenant infrastructure, licensing and storage options. Use IBM Cloud data centers in North America, Europe and Asia to scale globally.

- **Security:** Safeguard your data and enterprise workloads with a secure private network backbone while retaining full control of operations—on premises and in the cloud.

- **Expertise:** Tap into the expertise of thousands of VMware cloud technical experts. Draw from more than a decade of IBM experience designing, deploying and managing VMware infrastructure.

Key Use Cases

- **Data Center Transformation**: Capacity expansion extending to the cloud, consolidate data center footprint, modernize on-premises infrastructure

- **Disaster Recovery, Business Continuity & HA**: Cost-efficiently increase IT resiliency with industry leading solutions like Veeam and Zerto.

- **Workload Security & Compliance**: Offload security maintenance, access compliance measures via a cloud vendor

- **Transformation& Modernization of VMware Workloads**: Improve business results with technologies like AI/ML through Red Hat Openshift on existing VMware investment

Choose your IBM Cloud and VMware Solution

IBM Cloud for VMware Solutions - Shared

IBM Cloud for VMware Solutions Shared (IC4V Shared) leverages VMware vCloud Director and enables customers to extend their VMs to the cloud with ultimate capacity flexibly and scalability, while only paying for what is consumed. With IBM managing the infrastructure up to the hypervisor, clients don't need to worry about managing updates and patching themselves, and instead can focus on application innovation. In addition, with a fully native like VMware experience, clients can leverage their existing investment VMware resources and skills.

IC4V Shared is offered in two consumption models: On-Demand and Reserved. With "On-Demand", compute resources are made available to users on an as needed basis and billed hourly. This model is a best fit for VMs which are consumed for a short period of time or for fluctuating capacity needs like cloud bursting and non-critical DR workloads.

With "Reserved", clients can reserve their compute capacity needs with an upfront reservation in a monthly billing model, guaranteeing the availability of resources. Other than compute, all resources such as storage and egress are charged as per actual usage for both "On-Demand" and "Reserved" consumption models.

IBM Cloud for VMware Solutions - Dedicated

IBM Cloud for VMware Solutions is also available in a "dedicated" model on single-tenant infrastructure. Clients who are looking to retain control of managing updates and patching can choose this "client-managed" model for higher levels of isolation for enhanced security and compliance readiness. With full control up the hypervisor level, and full native access to the VMware stack so clients can move workloads to and from the cloud without changing apps, tooling, scripts — or investing in new skills.

IBM Cloud Professional Services

Work with the IBM® Cloud Professional Services team to design, accelerate and implement VMware solutions on bare metal servers. Whether you need help with implementation, workload migration or a fully managed environment, the IBM Cloud Professional Services team can help meet your needs. The IBM Cloud becomes an extension of your existing data centers.

IBM

Why IBM?

IBM Cloud for VMware Solutions makes cloud adoption fast and easy, allowing customers to optimize the value of existing on-premises infrastructure while confidently leveraging the same familiar tools, technologies and skills in the cloud.

Customers gain rapid scalability, deployment in more than 35 global data centers and access to industry-leading disaster recovery, backup, security and compliance solutions from an array of ecosystem partners.

Next steps

→ For more information, please visit IBM Cloud for VMware Solutions

For more information

Talk with an IBM Cloud advisor to learn more. 1-844-95-CLOUD (Priority code: CLOUD)

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