

VMware vCloud® Plan and Design Services

Pave the way to Cloud Computing

AT A GLANCE

VMware vCloud Plan and Design service provides a comprehensive architectural design for a VMware vCloud solution that addresses your unique business requirements and operational demands, helping you pave the way to cloud computing.

Design for Success

Pave the way to cloud computing with a comprehensive architecture design for your vCloud environment

Caught between shrinking resources, growing business needs, and an ever-increasing rate of change, IT organizations look to cloud computing to provide a more efficient, flexible, and cost-effective model for computing—one that allows IT to be more agile and respond faster to business opportunities. Cloud computing helps transform server, storage, and networking resources into secure, efficient resource pools that can deliver IT resources where and when they're needed quickly and securely. It's a compelling strategy, one that has made cloud computing one of the top IT initiatives today.

But beyond the compelling business drivers to cloud computing lay the realities of deploying a cloud: What's the best design? How do I optimize my current IT investments? Where do I start? Deploying a cloud—private, public, or hybrid—requires thoughtful analysis and strategic planning, guided by experts who can provide technical insights and best practice recommendations.

VMware vCloud Plan and Design Service

The VMware vCloud® Plan and Design provides a comprehensive architectural design for an Infrastructure as a Service (IaaS) VMware vCloud® that addresses your unique business requirements and operational demands, helping you pave the way to cloud computing. Designed for enterprises and organizations with a well-established vSphere-based virtualization strategy for production workloads, this service can help you take the next step toward building a production cloud infrastructure.

Our consultants start with stakeholder interviews to gather requirements and gain a thorough understanding of your business and desired end state. During the extensive knowledge transfer workshops, we'll provide insights on cloud computing, discuss key operational and process changes triggered by cloud computing, review typical use cases, and share our experience and thought leadership as the industry leader in cloud computing.

Our consultants will:

- Review and validate your applications and workloads proposed for initial migration to a cloud environment
- Design a comprehensive cloud architecture tailored to your business and application needs
- Provide you with thought leadership and technical expertise from the industry's leading experts in cloud computing

VMware Approach

Our approach to architecture design considers availability, performance, scalability, security, manageability, cost, and compliance. Finding the right balance that meets your requirements, time, and cost constraints is a key benefit of using an experienced consultant. The engagement includes design and enablement workshops, requirements gathering, and creation of an architecture and design capable of supporting production workloads.

Cloud Service Models

Private cloud: Operated solely for an organization, usually onsite (internal). Often favored because it can be easier to control and entails lower risk.

Public cloud: Made available securely to the general public or a large industry group and is owned by an organization selling cloud services.

Hybrid cloud: Composed of two or more cloud models that remain unique entities but are bound together by standardized technology that enables data and application portability.

Design Enablement and Knowledge Transfer Workshops

The VMware vCloud Plan and Design engagement begins by installing a demonstration vCloud instance in a test environment as an instructional aid and to provide a common base of understanding. We provide you with best practices and technical insights into cloud computing architecture and implementation. Your team will benefit from accelerated knowledge transfer and gain confidence through hands-on exposure to the features, functions, and benefits of the VMware vCloud solution including:

- Concepts and logical operation of the vCloud solution components
- Requirements to successfully deploy a vCloud solution
- Implementation and operational factors for a production vCloud
- VMware vCloud Director® Administrator and end user self-service features, and functions
- Security features with VMware vShield for vCloud Director
- Portals for provider and organization administration

Requirements Gathering and Design Creation

With a common understanding of the components and functionality of a VMware vCloud solution, the team will gather your service objectives and application use cases to form the basis of the high-level design objectives. We'll work with your team and stakeholders to identify and validate requirements and understand key needs around integration, automation, orchestration, and business continuity.

At the conclusion of the engagement consultants will deliver key design and implementation documents enabling you to deploy, operate and manage a vCloud solution in your environment, running your workloads.

- *VMware vCloud Architecture Design* – Comprehensive architecture document including design templates and diagrams, describing the design and configuration recommended for your VMware vCloud implementation
- *VMware vCloud Installation and Configuration Procedures* – Specific installation and configuration procedures featuring step-by-step instructions with accompanying screenshots
- *VMware vCloud Validation Plan* – Procedures that can be executed post-installation to verify expected operation of individual infrastructure components
- *VMware vCloud Operations Procedures* – Customized operations guide (day-to-day vCloud management tasks), including specific procedures featuring step-by-step instructions and accompanying screenshots

Scope and Pricing

This service is offered as a Time & Materials-based engagement. Contact your local VMware representative for pricing information.

Get Started Today

For information about VMware Professional Services see www.vmware.com or contact your local VMware representative.

