

MODERNIZING INFRASTRUCTURE AS A FOUNDATION FOR AGILITY

VMware Solutions for Modernizing Data Centers

The First Step on Your Journey to a Digital Enterprise

To accelerate business innovation, IT leaders are building road maps that focus on automation and elasticity, supporting agile application development and deployment and delivering exceptional experiences for their customers. Modernizing your infrastructure across compute, networking and storage is foundational to any of these initiatives, creating a platform of possibilities for the future.

Capabilities Core to Running a Modern Data Center

To truly modernize their infrastructure, an IT organization must build key capabilities across people, processes and technology:

Virtualization of Compute, Storage and Network Assets

- Abstract compute, storage and network into resource pools
- Centralized, secure and integrated authentication
- Standardized virtual machine templates with OS build profiles
- Standard network virtualization with vSwitches
- Storage virtualization

Provide Basic Templates for Server Deployment

- Standardized OS build profiles based on common policies
- Template configuration for new ESXi hosts
- Reduction of manual steps to optimize the processes
- Standardized service definition template

Infrastructure Monitoring with Performance & Capacity

- Unified performance & capacity management solution
- Enhanced incident, event, problem, capacity and demand management processes, introducing process governance
- Established monitoring for capacity & demand
- Forward and backward looking capacity management

Automatic Recovery from Hardware Failures

- Infrastructure will restart virtual machines in response to hardware failures
- Automatic virtual machine restart in the event of a OS failure
- Reduced planned and unplanned downtime

With these core capabilities in place, IT will be ready to operate with a reduced data center footprint, optimizing their power and cooling. A complete view of the capacity and demand via centralized dashboards means they are more prepared to deal with spikes in demand. The quality of service also improves, with reduced delivery time and a reduction in service interruptions.

BENEFITS OF MODERNIZED INFRASTRUCTURE

- Reduced data center footprint
- Optimized heating and cooling
- Accurate demand and capacity management forecasting
- Reduced delivery time
- High availability
- Improved service quality

Comprehensive Solutions for Your Shift To Digital

VMware is your partner for digital transformation, addressing all aspects of change across your organization, operational model, technology and culture.

STRATEGIZE

- Assess current state
- Define target state
- Develop a phased roadmap for transformation across people, processes and technology

IMPLEMENT

- Design and deploy technology solutions using VMware best practices and validated designs
- Create custom integrations

OPERATIONALIZE

- Transform operational processes
- Adjust organizational structures
- Address internal culture

TRAIN

- Educate and certify team members to increase staff productivity

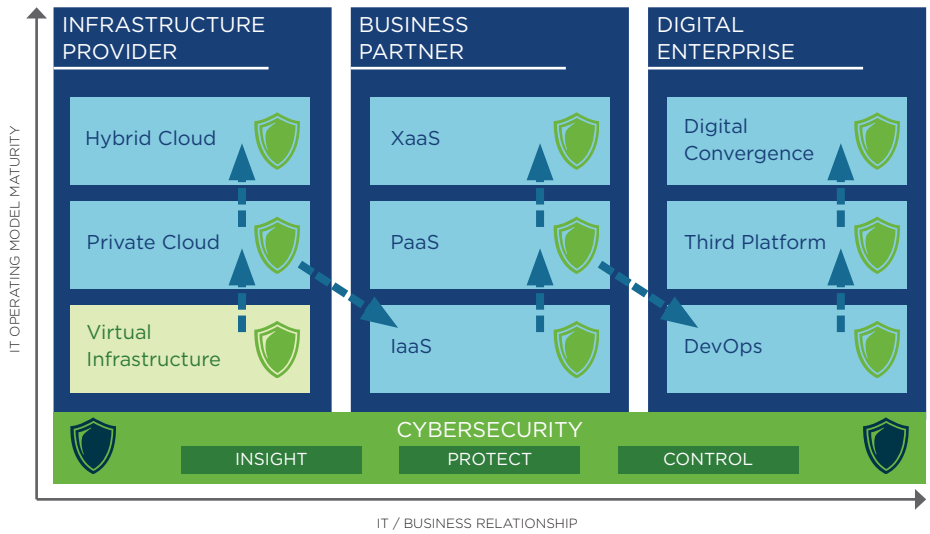
EXTEND

- Leverage technical account managers for long term advocacy and strategic roadmap alignment

Your Launchpad to Agility

Providing Progressive Innovation and Value to the Business

Modernizing your infrastructure opens up a world of possibilities that will enable your business to increase the speed at which they bring new ideas, both customer-facing and internal, to fruition.



With secure, virtualized infrastructure in place, your organization could move on to address other key business needs by offering private cloud services, and integrated public cloud offerings. You could optimize your infrastructure services delivery by offering IaaS, PaaS and XaaS. From there, it becomes much easier to apply DevOps best practices, develop platforms that support cloud native application development and deployment, implement vendor neutral frameworks for IoT, and team with the business to support new, revenue-generating ideas.

Getting Started

Leveraging VMware Expertise, Best Practices, and Validated Designs

VMware's strategists will work with your IT leadership team to build a comprehensive, phased plan across people, processes and technology that will address your specific business and IT goals. Our experts ensure that your team is ready to operate on day 2 and that you are demonstrating measurable success at each milestone along the way.

Contact your VMware representative to discuss your goals for infrastructure modernization and plan your on-site strategic planning session.

For more information on VMware professional services, visit www.vmware.com/professional-services.html.

