

# Private Cloud Acceleration Services from EMC Consulting

Business pressures are forcing you to adapt your products and services ever faster. The rigidity of today's IT infrastructure and operations often limit your ability to meet the changing needs of your business. Private clouds deliver unprecedented flexibility and economies of scale by leveraging the speed of virtualization and preparing you to federate applications across internal or external IT resources. Leveraging the benefits of private cloud requires the development and execution of a virtualization strategy across your data center infrastructure and applications. This journey requires long-term program and planning to accelerate the benefits of private cloud adoption. A private cloud built with EMC® Consulting's guidance can provide the flexibility and choice that your business stakeholders need to overcome their challenges.

## Business challenge

As an IT executive, how should you respond to these challenges? For many, the goal is to leverage private cloud resources to focus on application needs and provide flexibility and choice to your key business. Many customers are taking the first step by virtualizing their data centers.

Virtualizing your data center with a private-cloud model changes the architectural underpinnings of infrastructure and applications, including compute, network, and storage resources. Instead of rigid, siloed, physical configurations, resources are pooled and dynamically provisioned at the enterprise level. Realizing the cost and flexibility advantages of private cloud requires a transformational approach that addresses application, infrastructure, and governance considerations across the enterprise. You need to execute a strategy that balances an ambitious architecture and a solid operational framework.

<p><b>Applications</b> Virtualize Tier 1 applications</p>	<ul style="list-style-type: none"> <li>• Rationalize applications against business requirements</li> <li>• Develop strategy for virtualizing applications</li> <li>• Leverage virtual applications architecture and validated configurations</li> </ul>
<p><b>Infrastructure</b> Optimize virtual infrastructure and service levels</p>	<ul style="list-style-type: none"> <li>• Achieve service-level requirements for virtual infrastructure</li> <li>• Develop strategy and roadmap compute, storage, network</li> <li>• Deploy test solutions built on market-leading technologies</li> <li>• Protect virtual environment security, backup and disaster recovery</li> </ul>
<p><b>Governance</b> Manage the virtual program processes and environment</p>	<ul style="list-style-type: none"> <li>• Engage business stakeholders throughout virtualization initiative</li> <li>• Establish program management to drive milestones and ROI</li> <li>• Manage and automate the dynamic virtual infrastructure</li> <li>• Develop an operational model for the virtual data center</li> </ul>

## EMC Consulting

As part of the world's leading developer and provider of information infrastructure technology and solutions, EMC Consulting transforms information into business results. Our consultants bring a unique mix of industry, business, and technology expertise to solve today's toughest challenges.

We use field-tested tools, proven methodologies, best practices, and industry standards to minimize risk and optimize time-to-value in our engagements. We provide a full range of consulting, design, implementation, and support services.

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## Service description

Private Cloud Acceleration Services from EMC Consulting address all stages of your transformation including strategy, design, and implementation. Our depth of knowledge and experience will speed your transition from current state to a private cloud model. With consultants and architects certified in a variety of virtualization technologies, we provide assistance across a wide spectrum of platforms.

The journey to private cloud involves many different activities from data center virtualization to private cloud strategy. EMC Consulting offers a range of services to assist you in this journey:

- **Data Center Virtualization Assessment Service** is tailored to customer requirements including high-level migration candidate identification, operations process recommendations, and a transformation roadmap.
- **Data Center Virtualization Strategy** includes virtualization reference architecture, business case with full TCO, a roadmap, quick wins, service catalog alignment, and information/storage strategy.
- **Data Center Virtualization Migration Planning and Management Service** includes infrastructure assessment, proof of concept, run books, migration access database, full project management.
- **Private Cloud Sourcing Strategy Service** helps customers understand options for federating applications between external and internal resources. EMC provides an assessment of risks (including business continuity and disaster recovery), security, costs, and service levels. EMC also provides recommendations for application sourcing models.
- **Security Virtualization Assessment Service** assesses the security aspects of the virtualized infrastructure to increase virtualization ratios and lower risks.
- **Virtualization for Business Continuity and Disaster Recovery Service** includes VMware® vCenter™ Site Recovery Manager and business continuity/disaster recovery integration workshops, and integration of vCenter Site Recovery Manager with recovery plans and test planning.
- **Assessment for Virtualization of Enterprise Applications Service** helps you understand the business impact, develop a strategic plan with resource requirements and alignment, and assess the readiness of your current environment for integrating virtualization into enterprise applications.
- **Design and Implementation of Virtualized Applications Service** helps you implement virtualization technologies that can enhance and optimize the performance of enterprise applications.

## Summary of benefits

Private Cloud Acceleration Services from EMC Consulting help you unlock the full potential of your virtualized environment at enterprise scale. Our expertise in applications, virtualization, and information infrastructure make us the partner of choice to help you address the challenges of virtualizing your enterprise IT. Specifically, EMC Consulting delivers the following benefits:

- Optimize applications for performance, scalability, availability, and capacity
- Improve the flexibility of the data center and provide choice to business stakeholders
- Improve time-to-market by making IT a strategic asset
- Dramatically lower capital and operating expenditures
- Simplify infrastructure and IT operations with advanced management tools and processes that are optimized for private cloud
- Benchmark success against key indicators to keep business stakeholders engaged

## Take the next step

For more information, visit [www.EMC.com/consulting](http://www.EMC.com/consulting) or contact your local EMC consulting representative.