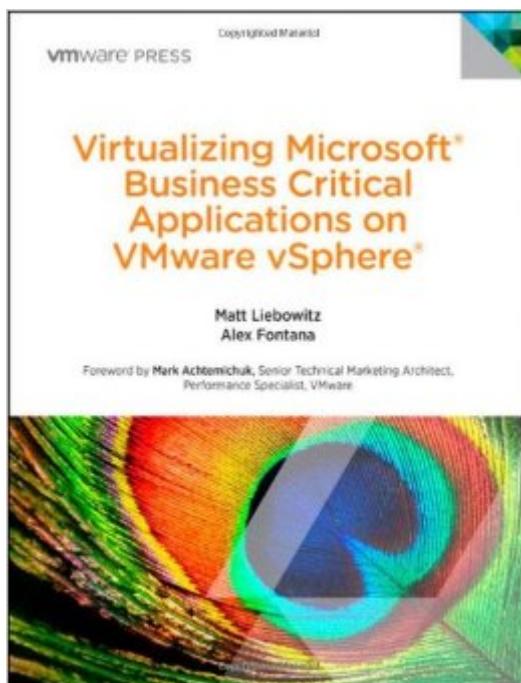


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# Virtualizing Microsoft Business Critical Applications On VMware vSphere (VMware Press Technology)



## Synopsis

Best practices, guidance, and tips for virtualizing Microsoft® business critical applications on the VMware vSphere® platform. By virtualizing Microsoft™s enterprise applications on vSphere, you can drive down costs while migrating toward flexible, low-cost private cloud architectures. This unique guidebook bridges the gap between the Microsoft and VMware worlds, bringing together the deep knowledge, cutting-edge best practices, and practical techniques you need to succeed. Leading experts Matt Liebowitz and Alex Fontana present end-to-end coverage of virtualizing Windows Server 2012 AD domain controllers and failover clusters, Exchange Server 2013, SQL Server 2012, and SharePoint Server 2013. They offer indispensable advice on sizing, architecture, performance, availability, monitoring, and metrics. Throughout, the authors share valuable tips, tricks, and insights from their own experiences. For each Microsoft application, they provide "proof of concept" sample configurations and clearly explain how new features impact virtualization. You'll also find authoritative, up-to-date guidance on licensing and other issues related to ensuring full support from both Microsoft and VMware. Coverage includes

Evaluating the benefits, risks, and challenges of virtualizing Microsoft business critical applications

Identifying strategies for success associated with people, processes, and technology

Reviewing VMware vSphere features most important to virtualizing business-critical applications

Taking advantage of new virtualization-aware features built in to Windows Server 2012 domain controllers

Designing and configuring vSphere High Availability (vSphere HA) clusters to run Windows enterprise applications

Reflecting Exchange Server 2013's new architecture to maximize its performance in virtualized environments

Leveraging new SQL Server 2012 features to simplify the delivery of high availability on virtual servers

Reducing SQL Server 2012 licensing costs through virtualization

Planning, designing, and deploying virtualized SharePoint Server 2013 environments

## Book Information

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## Customer Reviews

Let's say your company has already implemented VMware across the entire enterprise. Everything your users need are stored in virtual machines and run in virtual environments. "This is great" says the authors Matt Liebowitz and Alex Fontana "but what about all the other critical applications that aren't on your virtual machines?" The book *Virtualizing Microsoft Business Critical Applications on VMware vSphere* wants to know why you haven't put everything on VMware. They make some really good arguments for storing and running everything in a virtual world. However, the authors almost talk the reader out of placing Microsoft business applications on VMware in the beginning of the book. It's not all that often that an editor would allow a writer to convince its readers not to read their book but somehow it happened here. Maybe it's just the way I read the book or the way my messed up head works but it sure seems to me that the authors are damn impressed with Microsoft's built in high availability techniques. They seem so impressed that they almost talk you out of using VMware for ensuring an even higher level of availability. Notice that I said "almost." Yes, Microsoft has a great reputation for making business applications that are critical to our jobs. Yes, Microsoft has a wonderful design for ensuring major applications have multiple fail-safes and remain operational if you fully implement (have the resources) the suggested hardware requirements. Yes, to all that but both Max and Alex make a hell of a good argument as to why any organization should look at virtualizing everything, all applications, of all size and manner. Because it adds several additional layers of protection and reduces overall costs. That is part of the reason.

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