

Hyper-V Best Practices

Benedict Berger

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Equip yourselves with the real-world configurations and best practices of Hyper-V to take full advantage of its virtualization capabilities

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Benedict Berger : Hyper-V Best Practices before purchasing it in order to gage whether or not it would be worth my time, and all praised Hyper-V Best Practices:

0 of 0 people found the following review helpful. Good guideBy Ken MajorsVery handy and informative. a good guide of getting the most from an existing environment.1 of 1 people found the following review helpful. The book for those that want to use Hyper-V better than next next... finishBy Mike ResslerThis book drew my attention rather quickly. To start with (as he says himself in the book), this book isn't intended for someone who wants to start with Hyper-V. This book is intended for someone who has at least already some basic experience with the solution. Instead of the basic information, it goes into depth on various topics so if you have never worked with Hyper-V, you will probably be lost with this book rather fast. (Dont worry, start playing with Hyper-V and grab it afterwards again)But even if I think it is not the traditional book, it does follow the classic approach of any other book. It starts with a chapter on installation, talks about HA scenarios, Backup and DR, Networking and so on. The big difference is that it is FULL of best practices that the author learned from the field, from experts, even from the product group that builds Hyper-V. And besides those best practices, he also delivers a lot of PowerShell commands with it for illustration. In

fact, it is rather rare that he uses the GUI screenshots to explain how something works. He works with PowerShell as much as possible. Should that scare you? Absolutely not. As you know, this bear is a big fan of core installations, and all the references in this book can be very handy when working with core installations. But for those who are not going to work with core installations (and why not? Winking smile) they will be able to leverage that also. Creating a set of PowerShell one-liners or small scripts is always handy. Another great thing about this book is that the author never takes something for granted. Instead of starting on how the installation works (and how you can modify it with unattended scripts) he stresses out that you need to do your sizing right, and that there are tools that can help you with that. Basically a task everybody should have done before the installation, but something that I have seen too much in the field that it is not done upfront, with all the consequences afterwards. After reading the entire book, I can only say that there is certainly information for every Hyper-V administrator. From advanced networking concepts and their configuration (but also the basic ones) to management to storage configurations (and the different ones that there are) There is lots of interesting information to find, and the depth is certainly interesting for many IT professionals out there. And even if you already know everything, it can be a good reference book also for your PowerShell cmdlets ...0 of 0 people found the following review helpful. ... had the time to read the new book Hyper-V Best Practices written by my MVP colleague Benedict Berger. By Daniel Neumann During the holidays I had the time to read the new book Hyper-V Best Practices written by my MVP colleague Benedict Berger. In every chapter Benedict writes about his day-to-day experience with Hyper-V installations and provides you with the best practices to set up a rock-solid Hyper-V environment. What I really like are the configurations steps through PowerShell. You get an overview what is possible with PowerShell and how easily you can automate the Hyper-V configuration. If you have basic experience with Hyper-V this is the right book for you. Because you improve your experience with Hyper-V and also get a best practice guide at the same time.

Equip yourselves with the real-world configurations and best practices of Hyper-V to take full advantage of its virtualization capabilities About This Book Learn how to deploy standardized Hyper-V solutions quickly and effectively Leverage all virtualization potential of Hyper-V in production environments Use state of the art network and storage options with Hyper-V Who This Book Is For This book is intended for those who already have some basic experience with Hyper-V and now want to gain additional capabilities and knowledge of Hyper-V. If you have used Hyper-V in a lab environment before and now want to close the knowledge gap to transfer your Hyper-V environment to production, this is the book for you! What You Will Learn Install Hyper-V and virtual machines automated through PowerShell Create High Availability solutions with failover clustering Protect from disasters with Hyper-V Replica Utilize the performance and scalability of storage virtualization Build a flexible network infrastructure without physical boundaries Design performance measurement and tuning action plans Manage your Hyper-V stack with System Center Move existing virtualization workloads to Hyper-V In Detail Hyper-V Server and Windows Server 2012 R2 with Hyper-V provide best in class virtualization capabilities. Hyper-V is a Windows-based, very cost-effective virtualization solution with easy-to-use and well-known administrative consoles. With an example-oriented approach, this book covers all the different guides and suggestions to configure Hyper-V and provides readers with real-world proven solutions. After applying the concepts shown in this book, your Hyper-V setup will run on a stable and validated platform. The book begins with setting up single and multiple High Availability systems. It then takes you through all the typical infrastructure components such as storage and network, and its necessary processes such as backup and disaster recovery for optimal configuration. The book does not only show you what to do and how to plan the different scenarios, but it also provides in-depth configuration options. These scalable and automated configurations are then optimized via performance tuning and central management.

About the Author Benedict Berger 10 years ago, Hyper-V MVP Benedict Berger started working with Microsoft Virtualization Solutions. Especially with the first beta version of Windows Server "Longhorn", there were many new features he wanted to try out immediately. "I was particularly interested in Hyper-V, but at that time, there was hardly any experience on this topic, especially in German-speaking areas. Therefore, I had to work out many solutions on my own, and since then, I have been sharing the knowledge I gained with much more intensity and reach. I founded the German Hyper-V Community together with two friends a couple of years ago to promote this topic in Germany even further," he explains. He currently works as a solution consultant for Elanity Network Partner GmbH. Elanity is an IT-service provider that specializes in cloud enablement in Germany. In this dream job, he helps his customers to adjust their IT solutions to their own business processes and to deploy "real" dynamic private and public clouds instead of just virtualizing some systems. So, the tools of his daily work are Windows Server with Hyper-V, System Center, and Microsoft Azure. Before joining Elanity, he worked for a German financial service provider and the global car giant Volkswagen in similar functions. He is a regular speaker at global conferences such as System Center Universe DACH, E2EVC Virtualization Conference and Microsoft TechEd as well as local conferences such as the TechNet Conference in Berlin, in which more than 500 experts participated. He blogs on the German Virtualization Blog (<http://blogs.technet.com/b/germanvirtualizationblog/>) and on his personal blog (<http://blog.benedict-berger.de>). He is

also the creator of the PDT GUI, a graphical user interface for the PowerShell Deployment Toolkit.