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# Learning VMware NSX



## Synopsis

Key Features Understand VMware NSX's foundational components and architecture and discover best practices to help you manage VMware NSX Learn about the important aspects of VMware NSX 6.2 including installation, managing, monitoring, and configuring Learn to manage VMware NSX using best practices to elevate your skills in deploying VMware NSX in your environment Book Description VMware NSX is the network virtualization and security platform that emerged from VMware. It is a platform for the software-defined data center. This software networking platform allows complex networking topologies to be deployed programmatically in seconds. SDNs allow ease of deployment, management, and automation in deploying and maintaining new networks while reducing and in some cases completely eliminating the need to deploy traditional networks. In Learning VMware NSX, you will see some of these features of SDN and explore VMware NSX, starting with network virtualization. We'll then walk you through the components of NSX and provide step-by-step instructions to help you install and configure NSX. We also cover all the functional services of NSX, edge services gateway, service composer, and data security. In addition, we'll teach you to integrate partner solutions with NSX. Finally, we show you how to manage your NSX deployment and monitor NSX. What you will learn Explore the foundational components of VMware NSX Install and configure NSX manager and its components using best practices Deploy and configure VXLAN-enabled logical switches Secure your environment using Distributed Firewall and Data Security Configure third-party services in NSX Manage, configure, and deploy edge gateway services Understand software-defined networks About the Author Ranjit Singh Thakuratan (RJ) is a VMware vExpert (2014 and 2015) and works as a VMware cloud solutions architect, specializing in architecting Enterprise cloud solutions. He works for Rackspace® the #1 managed cloud company and home of Fanatical Support® which is based out of San Antonio, Texas. RJ holds a master's degree in information technology® infrastructure assurance, an engineering degree in computer science, and has over ten years of hands-on IT experience. He has presented at numerous VMUG UserCon conferences held at Boston, Washington DC, New York, Denver, and Dallas. He also runs a technology blog, [www.rjapproves.com](http://www.rjapproves.com), and can be reached via his Twitter handle® @RJAPPROVES. Apart from technology, RJ is also interested in astrophysics, animal welfare, and open source projects. One of his favorite quotes is: "The greatness of a nation and its moral progress can be judged by the way its animals are treated."® "Mahatma Gandhi Table of Contents An Introduction to Network Virtualization NSX Core Components NSX Installation and Configuration NSX Functional Services Edge Services Gateway Data Security Monitoring Managing NSX Conclusion

## Book Information

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## Customer Reviews

I was very disappointed with this book. As one of the few books out on NSX, I was hoping to get a head start learning NSX, but I found quickly that while the book does try to step you through the setup of NSX, there are many places where items are skipped completely. For example, there is no instruction as to where you specify the VXLAN numbers, but it is a necessary component prior to the vast majority of the setup of NSX. I recommend AGAINST this book and if I could give it negative stars, I would.

I just finished this book and I think it's a solid way for someone new to NSX to learn about the solution and how to deploy the various pieces. I'd recommend combining this reading with the NSX Design Guide (as mentioned in the "additional resources" section at the end of the book) to complete the full picture on WHY you might deploy NSX a certain way, as opposed to just "next, next, finish" type deployments. There are a fair amount of design considerations this book doesn't cover that are important when deploying NSX, but I'm not going to ding the book because that's probably a bit out of scope and maybe more oriented towards an implementation/design type publication.

I think this book accomplishes exactly what it intended to as indicated by the title. This is a step by step guide that will assist in learning NSX. I see this as a supplement to standard documentation not

a replacement for it or more formal training. If you are new to NSX and want to have one location to reference for installation and configuration guidance this is a great option. Shuffling between multiple PDF files may not be ideal so a single source is, in my opinion, valuable. I purchased both the print and eBook versions. If you already have experience or you want to pursue certification this would not be the right fit. If you are new to NSX or want to review an area that you have not previously configured then it would be a nice guide for your lab, test environment or VMware HOL. Overall it provides a good starting point and reference for those without vast NSX experience.

This book is the perfect book if you want to quickly understand and know how to deploy NSX to your vSphere environment. It is clear and concise and methodically explains all the concepts while giving you directions on how to deploy and configure the required components. This book has helped me immensely during the set up and configuration of NSX for our cloud environment. If you want a hands on practical approach to learning NSX this is the book for you. I highly recommend it.

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