

Network Security in VMware Cloud on AWS Workshop

Companies depend on their computer networks. In today's digital world, there would be almost no collaborative work and transactional processes if there were no reliable and secure networks. They keep businesses running by getting workloads and data where they are needed. They keep things going while employees and customers stay connected and exchange ideas.

These networks are actually too critical to fail, but errors that lead to production downtime still occur too often - although everything has been done for stability on the application side, security management and performance in relation to networks are still too often manual and reactive.

What if you could:

- identify workloads with the **highest network traffic** and map local services, applications, and endpoints to those workloads ?
- could **map application dependencies**?
- if you could plan your cloud migration so that you can **predict the impact the migrations**?

Your local network will still exist, but many companies have multiple virtual networks with multiple cloud providers. These virtual networks must be combined with the local network in overlays in order to achieve strict security, availability and performance goals. It is almost impossible to manage this manually. In addition, this already highly complex management is often also subject to compliance requirements.

The implementation of vRealize Network Insight (vRNI) promises not only transparency into VMware Cloud on AWS but also uniform transparency in other hybrid and multi-cloud environments, transparency for NSX, VMware SD-WAN by VeloCloud, Kubernetes, Amazon AWS and Microsoft Azure, the connections between overlay and underlay networks, comprehensive troubleshooting, traffic and path analysis functions.

What competencies will I achieve with this workshop and vRNI?

Protect your applications, migrate them and ensure constant availability.

Planning of Application Security and Migration

With detailed visibility, you can accelerate microsegmentation rollouts and migration plans. Defining and enforcing consistent network security policies is made easier for workloads, regardless of where they are running.

Optimizing Virtual and Physical Networks

Bottlenecks can be eliminated, while connectivity problems can be resolved more quickly, thereby improving application performance and ensuring that network and security changes are properly audited.

Risk reduction

The comprehensive transparency enables your team to solve security problems in connection with SDDCs, native AWS and hybrid applications and thus minimizes business risks related to network security and application migrations.

Products included in this offering

- VMware Cloud on AWS
- VMware vRealize Network Insight

High level project timeline

- 5-8 days

Challenges that can be addressed

- Analysis of the customer environment
- Analysis of the critical applications
- Firewall Policy Best Practices
- Enablement workshop network security and analysis

What will we do together?

In this workshop we will help your team to identify the critical applications and import appropriate firewall rules into NSX Policy Manager. We prepare your team to troubleshoot applications later that were blocked by the NSX firewall. We support you in setting up vRealize Log Insight in such a way that full visibility in your on-premises infrastructure, as well as in your VMware Cloud on AWS infrastructure, is guaranteed

Project Agenda

After an initial kick-off workshop to ensure that everyone is aligned with the goals, priorities and limits of the engagement, we will hold an enablement workshop to prepare the teams for how VMware vRealize Network Insight in connection with VMware Cloud on AWS can be best used. Our consultant then helps to set up vRealize Network Insight to enable the above-mentioned transparency of the local and external network infrastructure. In the validation phase we will ensure that all objectives are met and the expected outcome is achieved, followed by a final workshop to present the results and determine if there are any steps left.

Get in touch!

Please do not hesitate to call us and inquire about one of these functions or ways to adapt this offer: +49 251 703839 0 or send us an email to info@comdivision.com

More information

For more information on VMware Cloud on AWS visit: www.comdivision.com/cd-products/vmware-cloud-on-aws

“The comdivision group – founded in 1996 – provides outcome-oriented IT strategy consulting and implementation support in the DACH region and the USA. The comdivision group was the first partner in EMEA to achieve five VMware Master Service Competencies and second worldwide to earn all seven. Most of the architecture and consulting team – including two VMware Certified Design Experts (VCDX) – are also VMware Certified Instructors (VCI), so you have the peace of mind to be taken along through each step of the way, preparing you for successful Day 2 operations. If you need assistance beyond that, ask for our cd:knowledge product, an expert-on-demand service that gives you up to 24/7 access to our specialists.”



VMware Master Services Competency
VMWARE CLOUD FOUNDATION



VMware Master Services Competency
CLOUD MANAGEMENT AND AUTOMATION



VMware Master Services Competency
CLOUD NATIVE



VMware Master Services Competency
DATA CENTER VIRTUALIZATION



VMware Master Services Competency
DIGITAL WORKSPACE



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