Greetings,

Wow, has it been too long or what? We hope you are well wherever you may be. Welcome back to our newsletter, brought to you by the friendly, neighborhood SEs of VMware.

Before we begin, it is hard to focus while so many are suffering in Ukraine. VMware's statement is here. Here are links for donating if you like. The conversation on cyber-attacks in a time of war is evolving by the day; We applaud our security partners for working to push back on malware and denials of service used for war.

In happier news, we were thrilled to see Pat Gelsinger, our former CEO, featured in the U.S. State of the Union. Go Pat!

Featured VMware article – Build Your Application Modernization Strategy Part 1 and 2

For Leaders to Read – 'Purpose' and 'Mission' can be empty clichés. However, built correctly they are powerful. Learn the rules, avoid common mistakes and find your best path. Purpose has application for teams of all sizes… and remember leaders are not always managers!

Multi Cloud Highlights

451 Research identified the Five Key Elements of a Successful Multi-Cloud Environment. There is actionable advice in there. Our own VP of Cross-Cloud Services, Vittorio Viarengo discusses the Five Stages of Multi-Cloud adoption with his usual color and flair.

Here's an update on what is new with VMware Cloud on AWS as of January. Check out Part 6 of our ongoing series on how customers are using it.

We are pleased to introduce the Deploying and Managing a Cloud Based Datacenter with VMware Cloud on AWS webinar series. We will take you through the steps to deploy, configure, connect, and operate a Software Defined Data Center running on VMC on AWS, the fastest most cost-effective way to move workloads to the cloud. These webinars will be demo focused 'how to' sessions. Q&A will be available during and after each of the sessions, with Cloud Architects to answer questions. The next sessions are -

Move Your VMware Workloads to VMware Cloud on AWS using VMware HCX: The fastest way to migrate workloads to AWS! March 9th 1 PM Eastern Register

Network Simplicity at its Finest (Going beyond the basics of networking in VMware Cloud on AWS) Mar 29th 1 PM Eastern Register

Supercharge your SDDC with AWS Services April 20th 1 PM Eastern Register

Of course one value of VMware Cloud is that it is everywhere you might ever want to be. Case in point, Google Cloud VMware Engine is rolling out to ever more nations! GCVE is now available in Toronto, Canada and Sydney, Australia as of January and it won't stop there.

It does feel odd to say VMware and Oracle partnership in the same sentence, but no kidding the world changes! We've seen a big uptick in orgs moving their Oracle workloads to OCVS, the Oracle Cloud VMware Service. It's got a set of unique benefits vs other clouds - offering you more direct hardware control. Oracle app owners and DBAs may be used to that and this can be an easier on ramp for them.

For those of you building Local Clouds on-premises or at a co-location, Cloud Foundation 4.4 and 3.11 both dropped this month.

Infrastructure no matter how modern, is never enough once you scale. Tools become paramount to climb higher…

We've made some nice upgrades to Log Insight Cloud. On the "but what does it cost?" front we've lower the ante! Increasing the free-trial limit to 15GB/day log ingestion with 10-day data retention. We've also increased the freemium limits to 5GB/day log ingestion with 30-day log retention that you'll get FOREVER!

With the release of Network Insight 6.5, a new capability was introduced that's called Guided Network Troubleshooting (GNT). All about making your life easier, GNT does exactly what the name suggests: leading you through the troubleshooting process. Welcome to a deep dive into this capability!

Where are the lines between Cloud Admin, SRE and other roles? Depends on who you ask. An example? Kubernetes has become the de facto way of deploying modern applications, this requires maintaining configuration files. Joy? One of the challenges is storing and giving these applications the secrets they need to run.

Speaking of K8s, connect and secure those apps with Antrea and VMware NSX-T! The latest release of NSX-T and Container Networking with Antrea delivers on our vision to have heterogeneous clusters running anywhere integrate with NSX for centralized container policy management and visibility. NSX becomes the, no really they said it not me, single pane of glass for policy management. The Antrea clusters can be running on VMware Tanzu, RedHat OpenShift or any upstream Kubernetes cluster.

AWS EKS Cluster automation for the vRealize savvy? You all about it? In this blog we will learn about using vRO dynamic types for supporting vRA custom resource types. We will implement a legit use case from scratch, AKE EKS Clusters. This post is detailed and includes all the code,

scripts, and flows used. It is also divided into clear steps, separating specific concepts. Read it at your own pace.

vSphere

VROOM! The Extreme Performance Series, well known from VMworld, is extending into a video blog. Nice. In this drop Mark Achtemichuk talks with Ravi Soundararajan about how vCenter concurrency is involved in the performance of vSphere environments.

Speaking of big and fast, we are happy to announce the SAP support for vSphere 7.0 U2 and U3c on up to 8-socket Intel Cascade and Copper Lake based platforms. See SAP note for details.

Managing vSphere certificates is a feature that many customers have been asking for on our feature request site. When all the APIs for it were added in vSphere 7 we were able to add it to PowerCLI 12.4. BTW, 12.5 is also out now.

Security and Network

Powering Ultra-low Latency Microsoft Azure Public MEC Traffic with VMware SD-WAN. Where does mobile app traffic typically stumble? It drastically slows down when encountering hop after hop — sometimes exceeding 100 milliseconds — while en route to its app server within a public cloud. We can help.

If you love the idea of our SD-WAN but want someone else to manage it for you, Verizon has announced they'd be happy to help. If you prefer AT&T they'd also be happy to talk to you! VMware creates choice thru abstraction at every layer of your digital enterprise.

From "*Dear Craig*"… where you can ask our SASE expert Craig Connors for advice!

Our company leverages many IoT devices across a global network. Unfortunately, we have struggled to get visibility into how these devices are performing. My team wants to proactively identify issues before they snowball into big problems. Is there a simplified, cost-effective way to track all these devices in the network, monitor their performance and detect abnormal behavior? – A Reader… who needs to learn more about Edge Network Intelligence!

It is often best to learn new technology thru the use cases it solves for.

Customer Corner for VMware SASE We had a busy start to the year with 5 webinars and our WAN insiders meeting for customers and partners. We have more great content and announcements to come! Hit the above link for a lot more training, tips and webinars.

If you haven't done so, please fill out a Gartner peer review for us (it only takes 5 minutes). If you share your confirmation email with us, we will give you $100 in global giving credits. FYI - You will need a Gartner account to complete this.

Zero Trust requires a dynamic approach for government agencies. There has been a tremendous amount written on Zero Trust, what it is, what it isn't, and why it's so hard to simply "just turn on." In the above we focus on the dynamic nature of needs and how our Zero Trust model addresses that with AI and ML, combined with automation and orchestration.

Modern Apps and Operations

Do you want to learn more about all things Tanzu for free? You should! The link is so catchy I won't hide it, https://learn.tanzu.io/

One of the great things you can learn there is our Open Source Kubernetes Platform | Tanzu Community Edition! Community Edition is free to download and use, no registration required. It is a full-featured and yet easy-to-manage Kubernetes platform for learners and users, especially those working in smaller scale.

Tanzu Kubernetes Grid 1.5 is out - highlights include support for K8s v1.22 and Cluster API v1beta1, topology awareness enhancements in CSI driver, Tanzu Mission Control integration, support for Tanzu Application Platform, Support for NodePortLocal (NPL) for improved integration with external load balancers, Windows container support GA, and improved install and upgrade functionality. Phew!

Want to learn how to better secure your software supply chain? "When we say shift left, we're not asking developers to become security experts…. What we need to do is enable them to have the tools to do that job with less information."

K8s - The Documentary: Part 1 of 2 went pretty viral on social media in nerd circles. :) Fun to learn the history if you don't know.

Looking to the future, check out '*Mission First'*, a new DoD and National Security podcast from VMware and Carahsoft! The show explores the latest national security and defense tech news, analysis, challenges, and buzzing topics from leaders in the industry.

In the first episode, Paul Puckett (Director at the Enterprise Cloud Management Agency, Office of the US Army Chief Information Officer) chats with Joe Beda (Principal Engineer at VMware and one of the inventors of Kubernetes).

Our annual tentpole conference, SpringOne, returns to being fully in-person! We'll be running the show in December 2022, in San Francisco. We'll be stoked to see you there.

This Month in Spring has some great highlights. Azure Spring Cloud Enterprise is now available in Preview.

Mobile – End User Compute

Cool Feature of the Week: Horizon's Key Logger Blocker!

New eBook on User Experience: 7 Must Haves for Employees to Work from Anywhere

For the deskless workforce – in retail, healthcare, service and so many other sectors remote or hybrid work remains a dream. Given there are 2.7 billion deskless workers around the world, comprising over 80% of the total workforce, this seems illogical to us. Companies invest less than one percent of their enterprise software spend on these workers and this needs to change if they want to retain them in our hyper-competitive market.

For Mac users Workspace ONE Intelligence applies state-of-the-art analytics to pinpoint and diagnose current and potential problems so they can be solved proactively by IT teams before they negatively impact productivity and employee satisfaction.

On the Windows ARM, Workspace ONE UEM has now added additional power for the ARM processor to support Microsoft ARM devices including Surface Pro X and HoloLens 2.

You asked for shorter, crisper guides? You got it! The new Evaluation Guide for VMware Horizon Cloud Service on Microsoft Azure, is half its former size. The 14 embedded videos are about five minutes long and cover everything from deploying a pod to configuring the Horizon Universal Broker and exporting reports. The video format also features animated diagrams… in dark mode! We get you.

Last year we partnered with ServiceNow — a leader in ITSM — to build a ServiceNow Service Graph Connector for Workspace ONE Unified Endpoint and today, we're excited to announce a new integration the Workspace ONE ITSM Connector. While our Service Graph Connector enables Workspace ONE and ServiceNow customers to reliably sync device and app data across platforms, the new Workspace ONE ITSM Connector allows help desks to perform Workspace ONE UEM actions and launch Workspace ONE Assist remote support sessions directly from ServiceNow.

Did you know Freestyle Orchestrator is a low-code workflow orchestration platform integrated into Workspace ONE UEM that enables admins to perform management operations on the endpoint. With Freestyle Orchestrator, an administrator can perform task sequences integrated with UEM resources with minimum or zero code experience.

As always thank you for your time! We welcome all feedback. We try our best to make this useful for you.

Be well,

Paul and the SE Newsletter Team