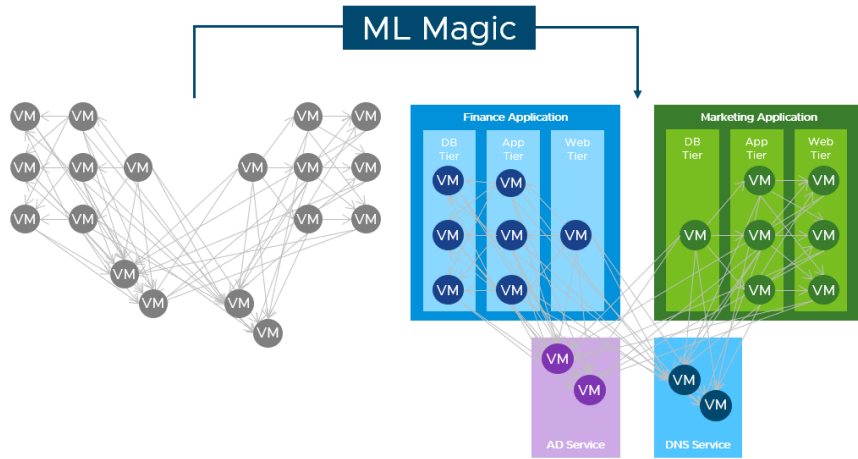


## vRNI 6.2 Highlights

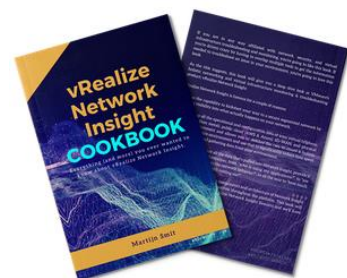
### New additions

- New!** Support for Google Cloud VMware Engine
- New!** Support for Azure VMware Solution 2.0
- New!** Native support for the Cisco ASR 9000 devices
- New!** Search queries for BGP and ECMP
- New!** vRealize Operations Cloud now detects and integrates into vRealize Network Insight Cloud automatically!

## Flow Based Application Discovery



- Flow based Application Discovery (FBAD) is now available in vRNI OnPrem
- Discovery based on traffic analysis – No additional inputs needed
- New deployed VMs get added into the application automatically
- Increased scale:
  - 10k apps (up from 5k)
  - 30k tiers (up from 20k)
- Discover new additions to apps and mark for update
  - See differential (i.e., new or removed VMs, new tiers)
  - Bulk update
- Customizable naming convention:
  - Previously: names were extracted from VM names
  - Now: use VM names, tags, security groups/tags, or CSV



Level Up your vRNI skills with vRNI Cookbook by Martijn Smit. Find tips and tricks to become a better network and security engineer. All proceeds go to charity

## VMC on AWS enhancements



### SDDC Groups

Dashboard with included SDDCs, vTGWs, Edges, Apps, VMs, Direct Connects, VPC attachments, and more.



### VMware Transit Gateway

Dashboard with connected SDDCs, VPC & DXGW attachments, routing tables and different types of traffic



### Traffic Insight

New Flow types (via vTGW): SDDC to SDDC, SDDC to VPC, VPC to SDDC.

New Flow tags: Transit Gateway, VMC SDDC Group.  
ex: flows where Transit Gateway = x



### Network Utilization

More elaborate top talker information on the SDDC dashboard. Quick glance into per VM packets p/s and bytes p/s (avg, max, 95%).

Search Additions for SDDCs and SDDC Groups

ENTITY	SEARCH EXAMPLE
VMC SDDC	VMC SDDC where SDDC Group = ""
vCenter	vCenter where SDDC Group = ""
Virtual Machine	VM where SDDC = "" VM where SDDC Group = ""
Host	Host where SDDC = "" Host where SDDC Group = ""
NSX Manager	NSX Manager where SDDC Group = ""
NSX Policy Segment	NSX Policy Segment where SDDC = "" NSX Policy Segment where SDDC Group = ""
NSX Policy Group	NSX Policy Group where SDDC = "" NSX Policy Segment where SDDC Group = ""
NSX Policy Firewall Rule	NSX Policy Firewall Rule where SDDC = "" NSX Policy Firewall Rule where SDDC Group = ""

VMware Cloud on AWS Configuration Maximums – OOTB Alerts

Entity	Threshold	Alert Severity
Policy based IPsec VPN Tunnel Logical Segment	80% of 16	Info
MGW Firewall Rule	80% of 200	Critical
CGW Firewall Rule	80% of 950	Critical
Policy Groups	80% of 10000	Critical
Distributed Firewall Rules (per section)	80% of 10000	Critical
Direct Connect Private VIFs per SDDC	4	Info

## Why Choose vRNI Cloud?



### Maximize ROI Lower TCO

- Flexible Licensing Models (on-demand, prepaid)
- Gain Operational Efficiencies
  - Upgrades Automated
  - Reduced footprint
- No Auto-Renew of Subscriptions
- vRCU for vRNI
- Simpler public cloud deployment (no Collector required for AWS, Azure)



### Faster Access to Innovation

- Accelerated Feature Delivery and Innovation in SaaS
- On-Prem to SaaS Instance Migration Support available
- Higher Scale in SaaS
- Early EFT/Innovation availability
- Free 30-day Trial



### Improve Service Availability

- Higher SLAs 99.9% Availability with SaaS
- Geo Regions: U.S, U.K, Japan, Australia for less latency
- Automated backups/Disaster recovery



### Data Privacy & Security

- Continuous Security Audits, Risk Assessments & Testing
- Authentication Controls AD/LDAP, Multi-Factor (MFA)
- Data-in-Motion (Encrypted TLS)
- Data-at-Rest (Encrypted Elastic Block Storage)

## Available Locations



- US (West Oregon)
- UK (London)
- Japan (Tokyo)
- Australia (Sydney)

## Getting Started with vRealize Network Insight Cloud



Visit [cloud.vmware.com](https://cloud.vmware.com)

Request Access, upon approval, activation email is sent

Log onto [console.cloud.vmware.com](https://console.cloud.vmware.com) and get started

## New to vRNI?

Get familiarize with vRNI from this quick 40 min technical overview video

Kick start your journey on Micro segmentation with vRNI

Optimize and Troubleshoot Virtual & Physical Networks

## Links

vRNI Documentation Home

Configuration Maximums

Download vRNI (OnPrem)

vRNI Python SDK

Search Exchange

Sample Exchange

vRNI-vCenter Plugin

Network Ports

## Printable Posters

VM Search Poster

velocloud Search Poster

vRNI-HCX Integration

Power vRNI

vRNI HOL

NSX-T Search Poster

NSX Search Poster

kubernetes Search Poster

Flows Search Poster

The GORILLA GUIDE to Network Visibility with vRNI



vmware Pathfinder

Utilize VMware Pathfinder to keep your vRNI Skills up to date.