



Version 3.8
Release Notes –4/9/2021

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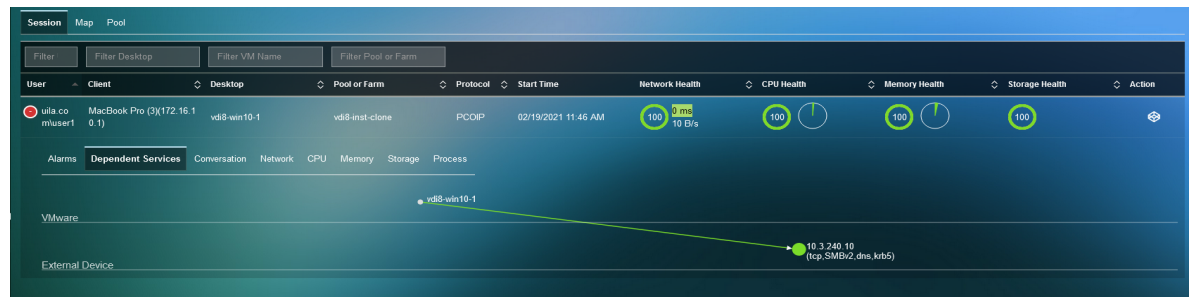
New Features

- **VDI Session & Pool information**

With this new release, users can now have access to additional VDI parameters for both sessions and pools/farms.

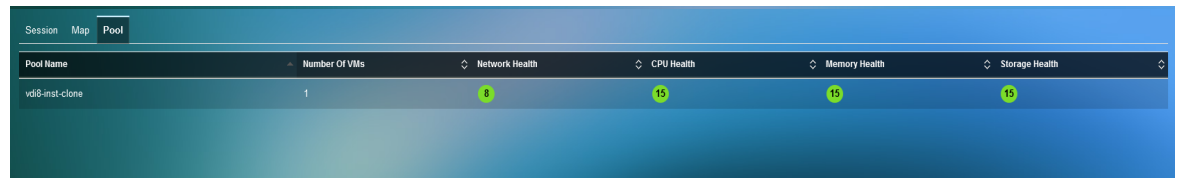
- a. Session enhancements

- i. Client Information (Machine Name and IP Address)
- ii. Logon Duration
- iii. Pool or farm name
- iv. Protocol in use



- b. Pool information

- i. Pool Name
- ii. Number of VMs
- iii. Health for CPU/Memory/Network/Storage



- **New SNMP MIB for Uila alerts**

If you need access to the SNMP MIB file for Uila alerts, please send an email to support@uila.com.

```
private static final Map<AlarmTypeEnum, OID> alarmType2OIDMap = Stream.of(
    new SimpleEntry<>(AlarmTypeEnum.SERVICE_DOWN, new OID("1.3.6.1.4.1.50689.1.100.1")),
    new SimpleEntry<>(AlarmTypeEnum.SERVER_DOWN, new OID("1.3.6.1.4.1.50689.1.100.2")),
    new SimpleEntry<>(AlarmTypeEnum.APPLICATION_RESPONSE_TIME, new OID("1.3.6.1.4.1.50689.1.100.3")),
    new SimpleEntry<>(AlarmTypeEnum.NET_IN_FATAL_RETRY, new OID("1.3.6.1.4.1.50689.1.100.4")),
    new SimpleEntry<>(AlarmTypeEnum.NET_OUT_FATAL_RETRY, new OID("1.3.6.1.4.1.50689.1.100.4")),
    new SimpleEntry<>(AlarmTypeEnum.NET_VIRTUAL_PACKET_DROP_RX, new OID("1.3.6.1.4.1.50689.1.100.5")),
    new SimpleEntry<>(AlarmTypeEnum.NET_VIRTUAL_PACKET_DROP_TX, new OID("1.3.6.1.4.1.50689.1.100.5")),
    new SimpleEntry<>(AlarmTypeEnum.NET_ROUND_TRIP_TIME, new OID("1.3.6.1.4.1.50689.1.100.6")),
    new SimpleEntry<>(AlarmTypeEnum.SYSTEM_LOG_EVENT, new OID("1.3.6.1.4.1.50689.1.100.7")),
    new SimpleEntry<>(AlarmTypeEnum.READ_SYSTEM_LOG_EVENT, new OID("1.3.6.1.4.1.50689.1.100.8")),
    new SimpleEntry<>(AlarmTypeEnum.CPU_USAGE, new OID("1.3.6.1.4.1.50689.1.100.9")),
    new SimpleEntry<>(AlarmTypeEnum.CPU_READY, new OID("1.3.6.1.4.1.50689.1.100.10")),
    new SimpleEntry<>(AlarmTypeEnum.MEM_USAGE, new OID("1.3.6.1.4.1.50689.1.100.11")),
    new SimpleEntry<>(AlarmTypeEnum.CPU_SWAP_WAIT, new OID("1.3.6.1.4.1.50689.1.100.12")),
    new SimpleEntry<>(AlarmTypeEnum.READ_LATENCY, new OID("1.3.6.1.4.1.50689.1.100.13")),
    new SimpleEntry<>(AlarmTypeEnum.WRITE_LATENCY, new OID("1.3.6.1.4.1.50689.1.100.14")),
    new SimpleEntry<>(AlarmTypeEnum.STO_USAGE, new OID("1.3.6.1.4.1.50689.1.100.15")),
    new SimpleEntry<>(AlarmTypeEnum.ND_IN_UTIL_PCT, new OID("1.3.6.1.4.1.50689.1.100.16")),
    new SimpleEntry<>(AlarmTypeEnum.ND_IN_DISCARDS, new OID("1.3.6.1.4.1.50689.1.100.17")),
    new SimpleEntry<>(AlarmTypeEnum.ND_IN_ERRORS, new OID("1.3.6.1.4.1.50689.1.100.18")),
    new SimpleEntry<>(AlarmTypeEnum.ND_OUT_UTIL_PCT, new OID("1.3.6.1.4.1.50689.1.100.19")),
    new SimpleEntry<>(AlarmTypeEnum.ND_OUT_DISCARDS, new OID("1.3.6.1.4.1.50689.1.100.20")),
    new SimpleEntry<>(AlarmTypeEnum.ND_OUT_ERRORS, new OID("1.3.6.1.4.1.50689.1.100.21")),
    new SimpleEntry<>(AlarmTypeEnum.SWITCH_CABLE_UNPLUGGED, new OID("1.3.6.1.4.1.50689.1.100.22")),
    new SimpleEntry<>(AlarmTypeEnum.SWITCH_PORT_DOWN, new OID("1.3.6.1.4.1.50689.1.100.23")),
    new SimpleEntry<>(AlarmTypeEnum.SERVICE_GROUP_BASELINE, new OID("1.3.6.1.4.1.50689.1.100.24")),
    new SimpleEntry<>(AlarmTypeEnum.SHORT_EVENT, new OID("1.3.6.1.4.1.50689.1.100.25"))
).collect(Collectors.toMap(SimpleEntry::getKey, SimpleEntry::getValue));
```

- **Subnet network analysis**

Starting with this new release, you now have subnet to subnet traffic visualization to identify network bottlenecks and identify top talkers for those conversations. You also have deep insights into the usage trending and conversations taking place within a subnet.

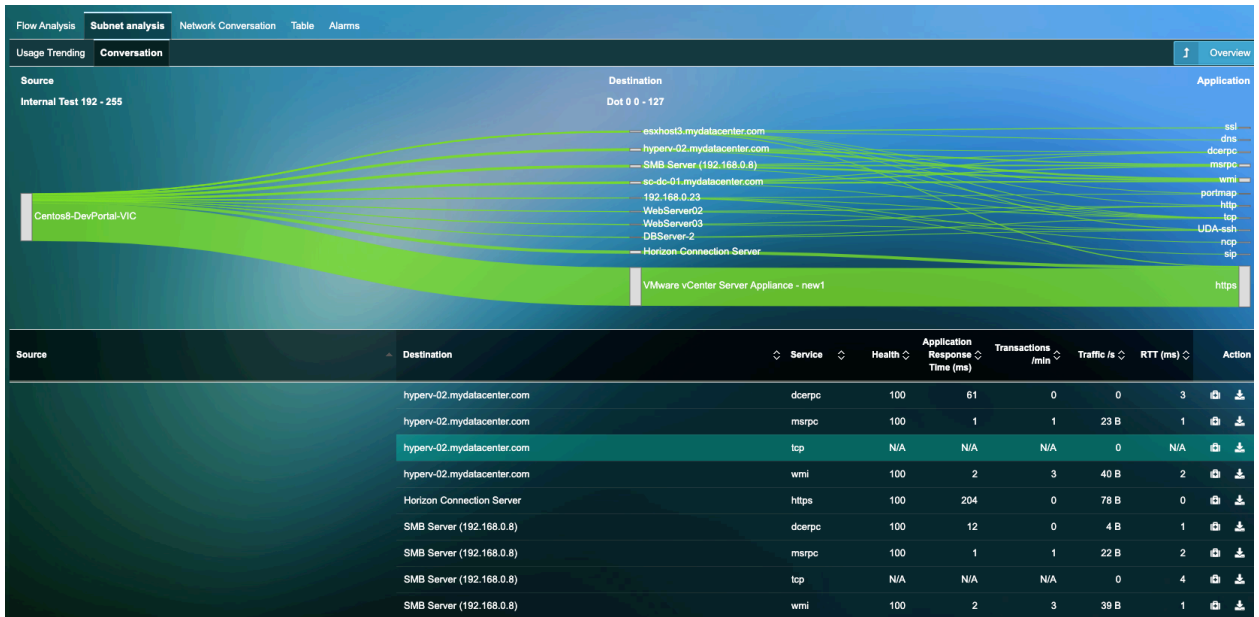
You have access to all the subnet-to-subnet traffic analysis.



You can dig in deeper to visualize the overall RTT for the subnet-to-subnet communication, and retries, fatal retries, packets, resets, bytes and zero window for the bi-directional communication between the subnets.



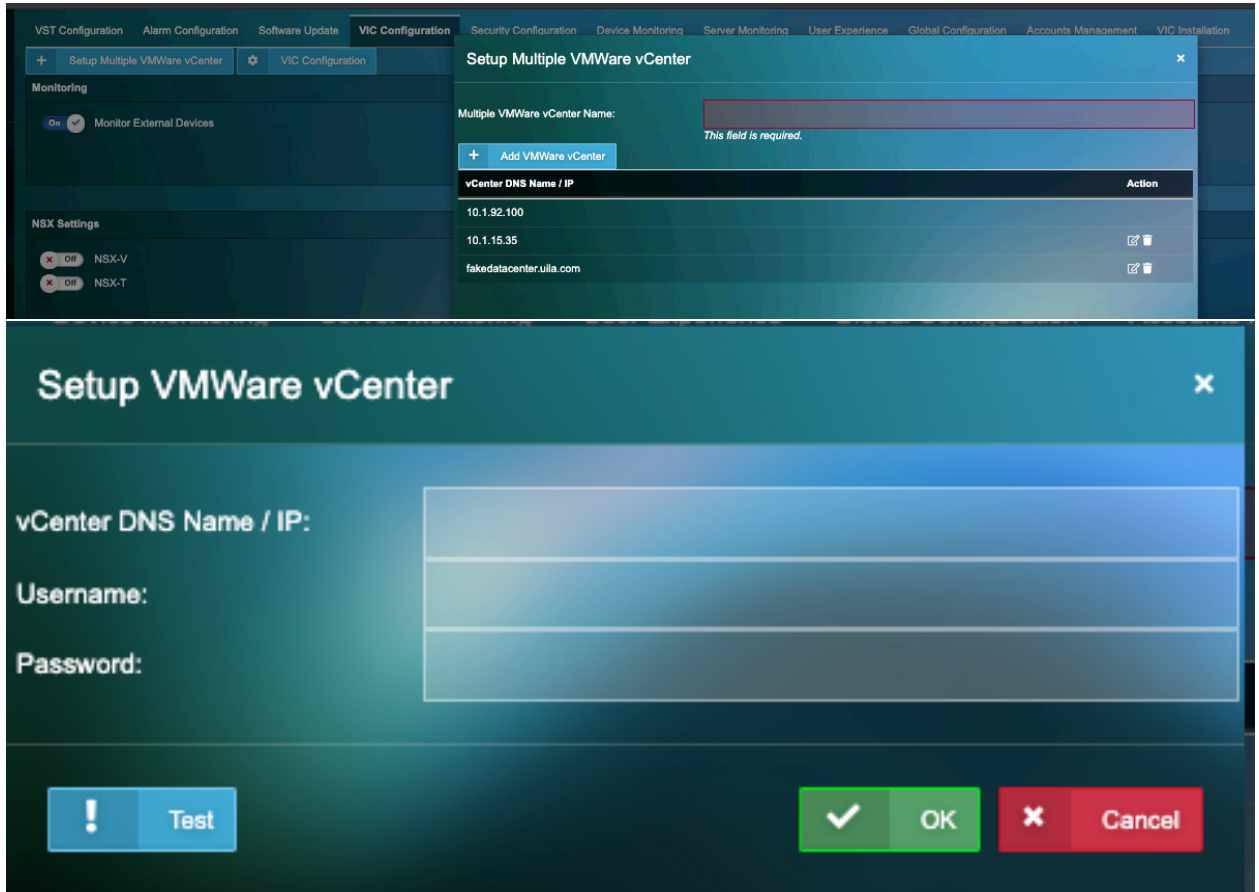
Finally you can also visualize conversation details and metrics within the subnets.



Enhancements

- **Multi VMware vCenter Configuration**

With this new release, configuration for multiple VMware vCenter is now available in a single and intuitive configuration option. This is accessible from the vIC Configuration tab in the settings menu.



- New supported Applications/protocols**
 The new release includes new classification for many applications and protocols including 2 Checkout (e-commerce, online payment), BambooHR, Control-M (orchestration software from BMC), Coursera, Go Daddy, Indeed.com, Intermec Smart System (barcode scanning), Spotify audio streams, MNDP protocol, xcloud, etc.

Bug Fixes

- Bookmarks may take long time to load.
- Storage Analysis: Going to Stats Map from Storage Analysis, may take you to the wrong VM.
- Even after you enable transaction Analysis, the message always showed “failed”, even though it was enabled.
- Drop down menus in Stats Browser, may cause names to be cutoff.
- Active Directory integration not able to pull in user groups along with individual users under an OU path

Known Issues

- Cannot hold threshold adjustments for non-persistent Horizon Virtual Desktop VMs.
- For NSX-T 3.0 and above, port mirror session may not be created.
- Transaction Analysis is not enabled, if you are trying to enable it and the Security Module (Cyber Threat Monitoring) at the same time. It is recommended to enable one setting at a time.

Contact Uila Support

Uila software solutions are designed with ease of installation and simplified maintenance in mind. The Uila team is dedicated to exceeding your expectations and knows that any downtime is too much in today's competitive world. Our goal is to keep your applications running 24 X 7. We offer a simple and effective support program to meet your needs.

Customers who purchased Uila products and under support contract will receive the following benefits:

- 24 X 7 support
- Unlimited support via email or phone call
- Free software minor release update
- Free software major release upgrade

Email: support@uila.com

Phone: (408) 819-0775

About Uila

Uila provides Performance and Cyber Threat Analytics in a single pane of glass, to solve complex service disruptions for Enterprise IT. With Uila, IT Operations teams can visualize application workload dependencies across cloud platforms, right-size resources and investments for their workloads and plan workload migration strategies for Hybrid and Multi-Cloud deployments. Uila allows security teams to combat advanced cyber threats by providing immediate and comprehensive application-centric insight into lateral movement-based threats for the Hybrid Enterprise. Businesses use Uila to align themselves with their IT teams and cut time to resolution from days to minutes, keep their application at peak performance and secure at all times and ensure end-user satisfaction to the fullest across cloud boundaries.