Version 3.0
Release Notes – 07/16/2019

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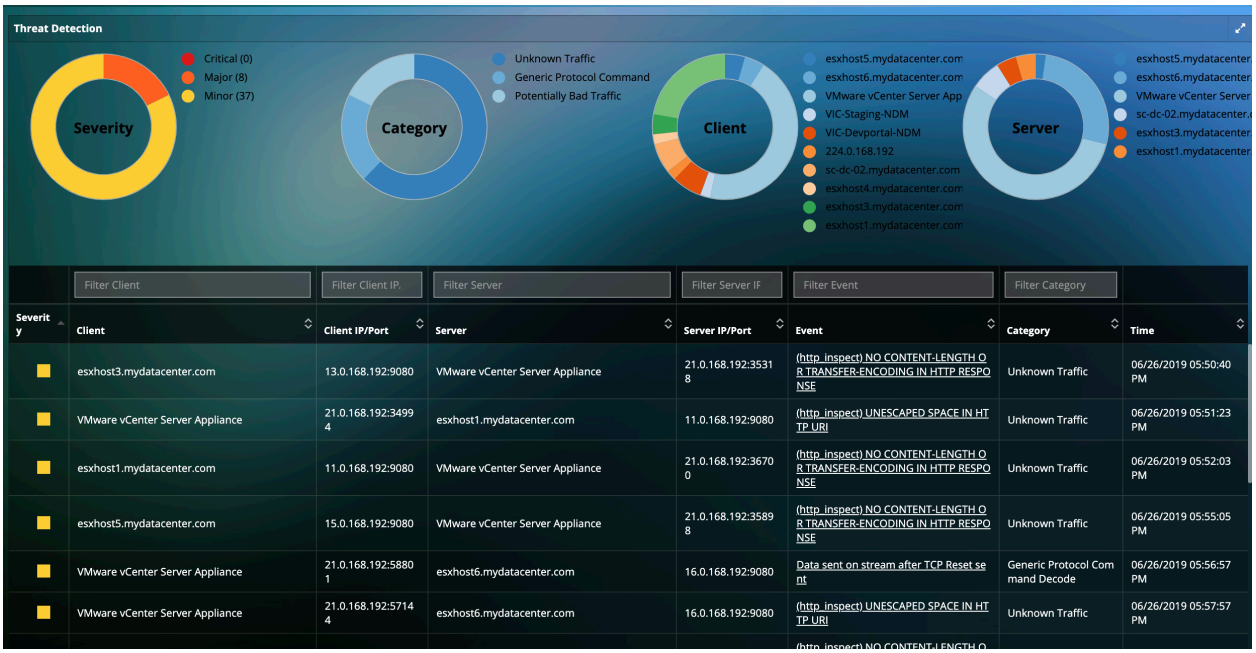
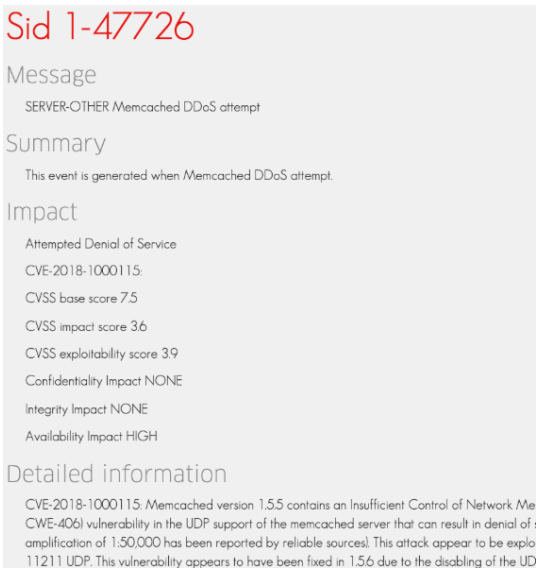
New Features

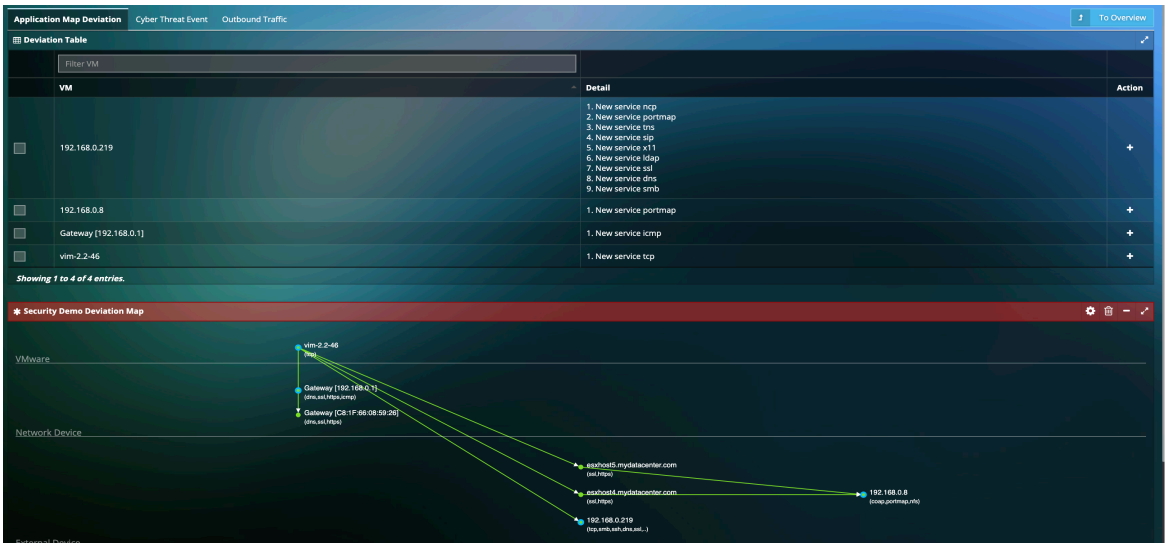
- **Real-time cyber threat alerts**
  Note: Requires a separate license key. Please contact Uila sales for more details.
  Uila users can now get alerted to thousands of cyber threats based on support from the largest group dedicated to advances in the network security industry. These alert categories include malware, exploit kits, port scans, Command and Control threats, OS fingerprinting, Buffer overflows, SMB probes, Obfuscation, etc. Uila supports latest signature support and updates from the largest group dedicated to advances in the network security industry (Snort, Cisco® Talos Security Intelligence and Research Group, CalmAV). This can be viewed for the entire Data Center or for a Service Group.



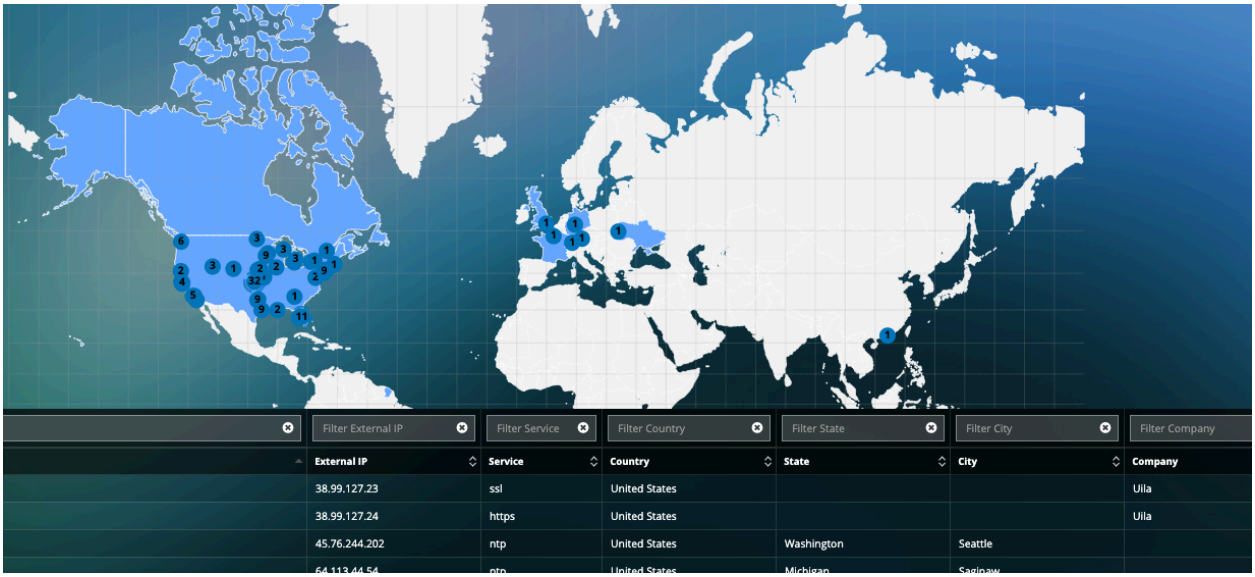
- **Expert guidance on cyber threats**
  Note: Requires a separate license key. Please contact Uila sales for more details.
  Get expert guidance on those threats, their symptoms, the impact and corrective actions to solve and avoid future reoccurrences. Uila users also gain overall insights into the historical context of how and the origins of the threats, who is being attacked, time of attack, methods used for the attack, etc.



- **Visualize Application Behavior Anomalies**
  Note: Requires a separate license key. Please contact Uila sales for more details.
  You can now visualize Application deviations for your multi-tier applications (created based on Service Groups) indicating anomalous behavior in a single view. In addition to insights into detailed cyber threat event information and outbound traffic behavior to the Internet for the group, you can visualize deviations after the creation of your desired baseline for the application or service. Deviations include unauthorized dependency changes, new applications/services/protocols running on the VMs, additions of unauthorized VMs or tearing down of your mission critical VMs, etc. You can visualize those deviations in the Application Dependency Map and add deviations to the baseline or security policy.



- **Outbound Traffic Visibility**
  Note: Requires a separate license key. Please contact Uila sales for more details.
  Uila users can now map Outbound Traffic from the Data Center to the Internet on a world map to identify and reduce risk associated with general Internet connectivity. You can visualize Outbound traffic details including Internal VM details, Destination IP, Destination Server location, Application/Service for the outbound traffic, etc. This can be viewed for the entire Data Center or for a Service Group.



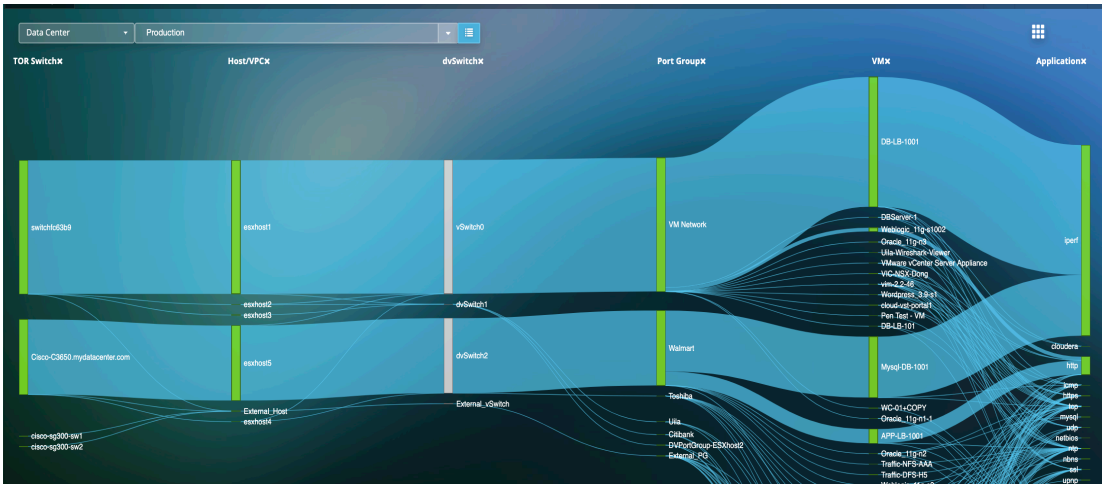
- **Capture chain of evidence for threats:**
  Capture chain of evidence for quick and effective response to any threat with comprehensive application transaction data, infrastructure status and network traffic data before, during and after an attack in real-time or retrospectively, in addition to raw packet capture based on Uila's Deep Packet Inspection capabilities.

Enhancements

- **VMware NSX-T™ Data Center support**
  Monitor and troubleshoot VMware NSX-T™ Data Center deployments.

- **New Widgets on Dashboard**
  New Widgets for Service Grouping, Switch Port Down, Threat Detection Summary by source/destination/severity/category have been added to the Dashboard screen. The new widgets will only work if you have the required licenses for these additional Network Device Monitoring and Cyber Threat Security Module.

- **Top of the Rack Switch visualization in the Network Traffic Flow Analysis view**

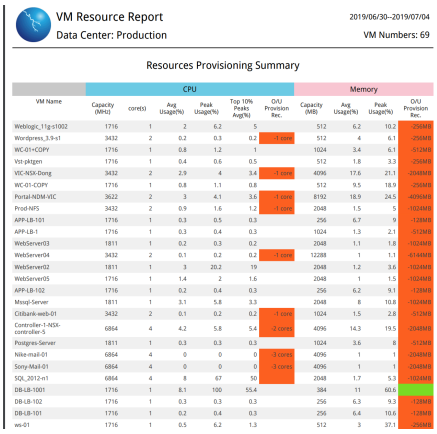


- **Top of the Rack Switch visualization in the Root Cause Analysis view for Network Performance**

- **Alerts for Port Down**

- **CPU Swap statistics are added to Memory trending reports**

- **Reporting Templates enhancement**
  UI improvements have been made to enhance reporting capabilities.



VM Resource Report
Data Center: Production
2019/06/30--2019/07/04
VM Numbers: 69

Resources Provisioning Summary

VM Name	CPU						Memory			
	Capacity (MHz)	core(s)	Avg Usage(%)	Peak Usage(%)	Top 10% Peaks Avg(%)	O/U Provision Rec.	Capacity (MB)	Avg Usage(%)	Peak Usage(%)	O/U Provision Rec.
Weblogic_11g-s1002	1716	1	2	6.2	5		512	6.2	10.2	-256MB
Wordpress_3.9-s1	3432	2	0.2	0.3	0.2	-1 core	512	4	6.1	-256MB
WC-01+COPY	1716	1	0.8	1.2	1		1024	3.4	6.1	-512MB
Vst-pAtgen	1716	1	0.4	0.6	0.5		512	1.8	3.3	-256MB
VIC-NSX-Dong	3432	2	2.9	4	3.4	-1 core	4096	17.6	21.1	-2048MB
WC-01-COPY	1716	1	0.8	1.1	0.8		512	9.5	18.9	-256MB
Portal-NDM-VIC	3622	2	3	4.1	3.6	-1 core	8192	18.9	24.5	-4096MB
Prod-NFS	3432	2	0.9	1.6	1.2	-1 core	2048	1.5	5	-1024MB
APP-LB-101	1716	1	0.3	0.5	0.3		256	6.7	9	-128MB
APP-LB-1	1716	1	0.3	0.4	0.3		1024	1.3	2.1	-512MB
WebServer03	1811	1	0.2	0.3	0.2		2048	1.1	1.8	-1024MB
WebServer04	3432	2	0.1	0.2	0.2	-1 core	12288	1	1.1	-6144MB
WebServer02	1811	1	3	20.2	19		2048	1.2	3.6	-1024MB
WebServer05	1716	1	1.4	2	1.6		2048	1	1.5	-1024MB
APP-LB-102	1716	1	0.2	0.4	0.3		256	6.2	9.1	-128MB
Mssql-Server	1811	1	3.1	5.8	3.3		2048	8	10.8	-1024MB
Citibank-web-01	3432	2	0.1	0.2	0.2	-1 core	1024	1.5	2.8	-512MB
Controller-1-NSX-controller-5	6864	4	4.2	5.8	5.4	-2 core	4096	14.3	19.5	-2048MB
Postgres-Server	1811	1	0.3	0.3	0.3		1024	3.6	8	-512MB
Nike-mail-01	6864	4	0	0	0	-3 core	4096	1	1	-2048MB
Sony-Mail-01	6864	4	0	0	0	-3 core	4096	1	1	-2048MB
SQL_2012-n1	6864	4	8	67	50		2048	1.7	5.3	-1024MB
DB-LB-1001	1716	1	8.1	100	55.4		384	11	60.6	
DB-LB-102	1716	1	0.3	0.3	0.3		256	6.3	9.3	-128MB
DB-LB-101	1716	1	0.2	0.4	0.3		256	6.4	10.6	-128MB
ws-01	1716	1	0.5	6.2	1.3		512	3	37.1	-256MB

Bug Fixes

- In Network Device Monitoring, Threshold settings may not be retained in certain situations.
- Data Center Resolve Gateway option in Application Dependency mapping may not work.
- Dependency Mapping in Service Grouping may lose dependency connections.

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 for the Hybrid Enterprise. With Uila, IT Operations teams can visualize application workload dependencies across cloud platforms, rightsize 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.