uObserve^{TM} Version 5.1 Release Notes
**Release Notes –12/7/2022**

Table of Contents

New Features

- **Trending charts in Log Analysis**
  With Uila uObserve, you can now visualize trends for the logs collected by uObserve for your applications, servers, networking equipment, etc. using the time slider on the top of screen. The time slider shows the number of logs collected during the selected time period for the filtering/search rule options selected in the table below. Users also have access to donut charts to visualize logged servers, windows event count vs agent-based log count, module log counts, windows event log counts, etc.
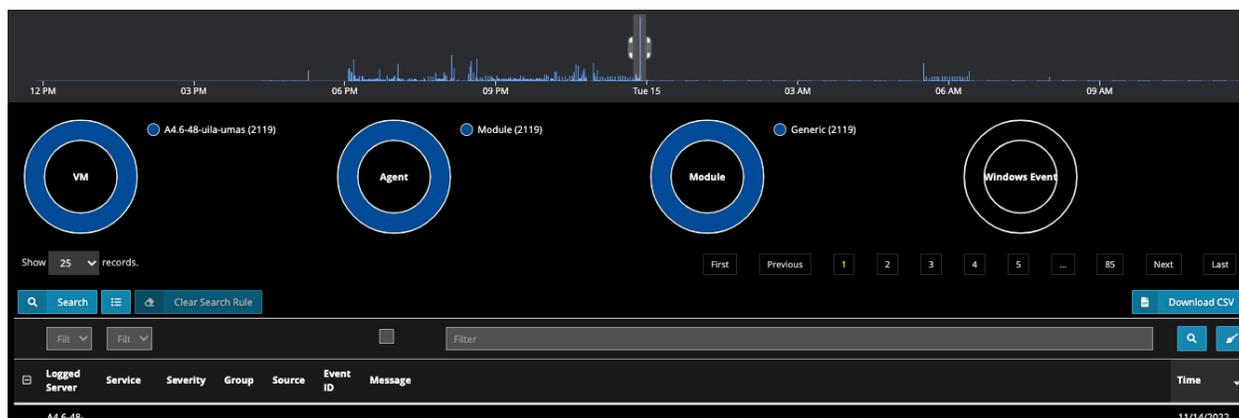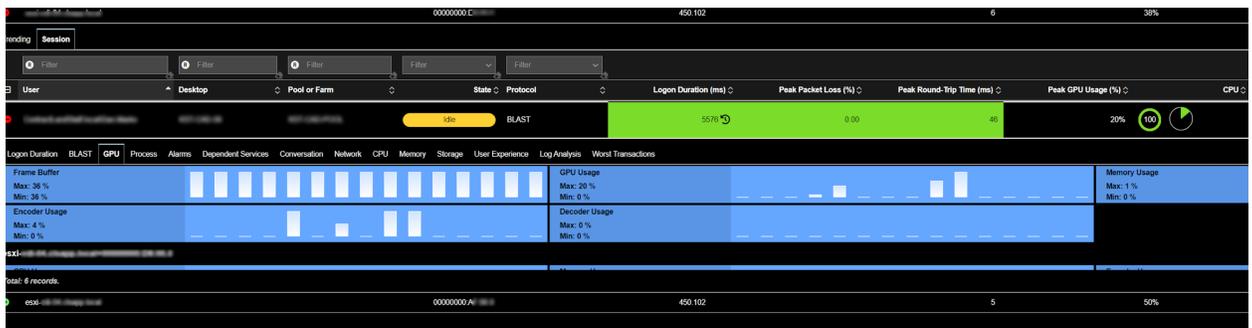

<u>**Note:**</u>
  - **Contact Uila sales or partner for regional licensing and pricing information for log analysis**
  - **Refer to the new architecture diagram that includes log analysis, before using this feature: https://www.uila.com/products/how-it-works**
  - **Refer to the new system requirements for the log database, before using this feature: https://www.uila.com/products/uila-system-requirements**

- **Nvidia GPU Analysis**
  uObserve now provides intelligent NVIDIA GPU metrics using the NVIDIA System Management Interface (NVSMI) to allow desktops teams to provide the maximized performance for GPU-enabled virtual desktops. With this update, desktop teams can now enable their hybrid virtual desktop enabled workforce with optimized performance, similar to GPU-enabled desktops.

  Uila's new GPU monitoring capability allows users to tap into critical GPU insights like VM-level Peak GPU usage, frame buffer, GPU decoder/encoder usage, memory usage, etc. for the individual user sessions. It also provides host level trending metrics like GPU ID, driver version, number of user sessions using GPU, frame buffer, GPU decoder/encoder, peak/average GPU & memory usage.

Also, desktop teams can schedule a user-friendly ESXi Host GPU usage report to be delivered to them at a time of their convenience.
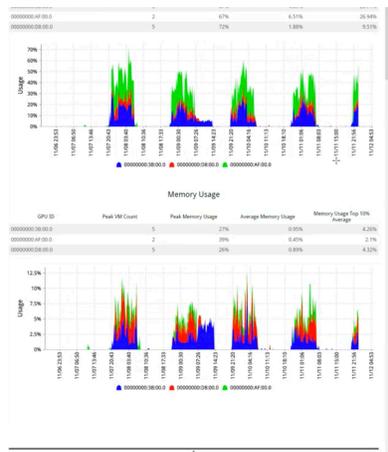
Note:
- **This feature is only available for users who own the Horizon VDI analysis license only**
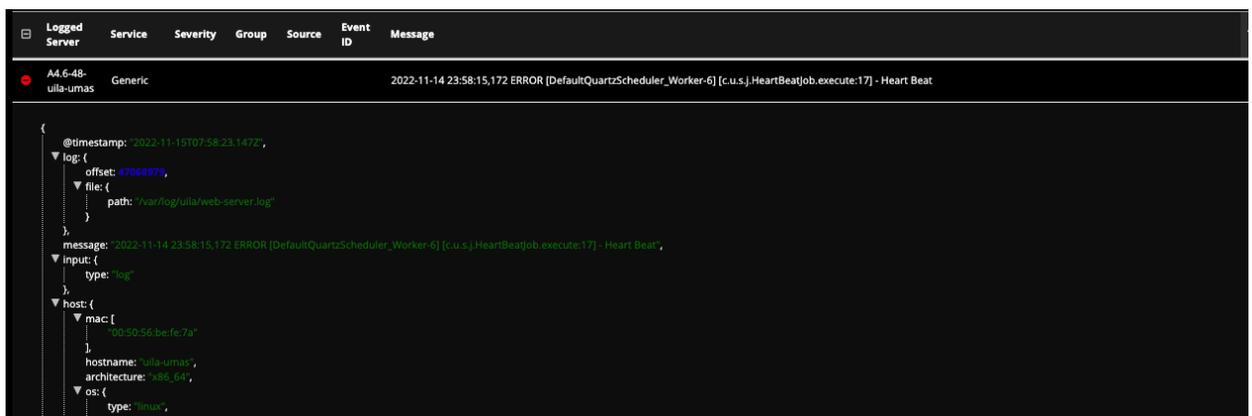
- **Server uptime CSV report**

Users can now generate the Server uptime report in the CSV format and schedule it for auto-delivery.
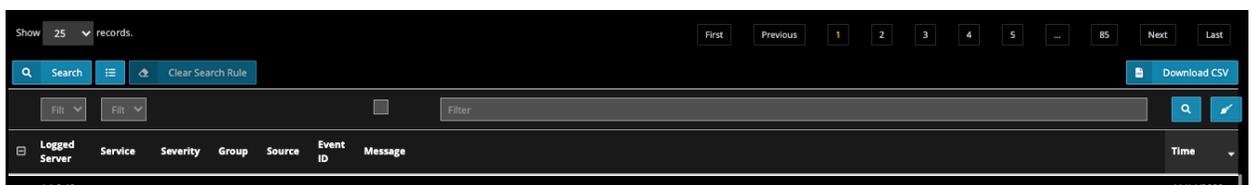

Enhancements

- **Visualization of raw logs in log analysis**
  Users can now visualize raw logs in the log analysis table.

- **Download CSV for log analysis**
  Users can now download a CSV with all the logs that are captured by uObserve.
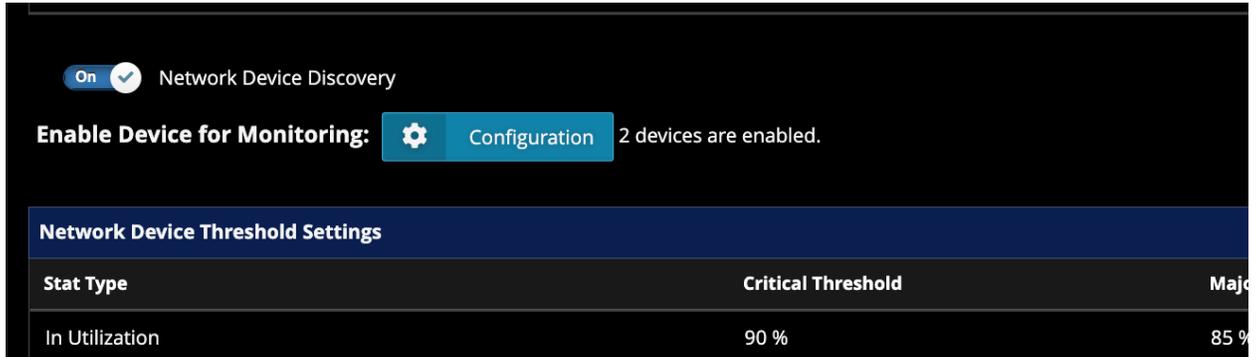

- **Page number selection for log analysis**
  Users can now click on specific page numbers for viewing the logs in uObserve.

- **Disable continuous Network Device Discovery**
  Users have the option to disable continuous network device discovery, after the initial scan, by turning off the option in Settings→Device Monitoring→Network Device Discovery.

- **Process level monitoring now use powershell instead of DCOM**
  Users can enjoy the same powerful process level monitoring capabilities as before, but it is now based on powershell instead of DCOM.


- **Transaction analysis CSV export with Client/Server column separation**
  The transaction analysis CSV report now separates out the server and client column into 3 different columns (Name, IP and Port).

| Client Name	Client IP	Client Port	Server Name	Server IP	Server Port	Service	EURT(ms)	ART(ms)	Net Delay(ms)	Request
Centos8-DevPortal-VIC	192.168.1.193	45160	WebServer01	192.168.0.37	80	http	1	0	0	OPTIONS /
uila-vic-test	192.168.1.72	57248	00155D001366	192.168.0.238	9001	http	3	3	0	OPTIONS /
uila-vic-test	192.168.1.72	57232	00155D001366	192.168.0.238	9001	http	1	1	0	OPTIONS /
uila-vic-test	192.168.1.72	58604	WebServer02	192.168.0.38	80	http	2	2	0	OPTIONS /
uila-vic-test	192.168.1.72	34002	005056A82258	192.168.0.240	80	http	0	0	0	OPTIONS /
uila-vic-test	192.168.1.72	34000	005056A82258	192.168.0.240	80	http	0	0	0	OPTIONS /
uila-vic-4.0-ova	192.168.0.194	36562	WebServer01	192.168.0.37	80	http	1	1	0	OPTIONS /
uila-vic-test	192.168.1.72	33746	005056A82258	192.168.0.240	80	http	0	0	0	OPTIONS /
uila-vic-test	192.168.1.72	33730	005056A82258	192.168.0.240	80	http	0	0	0	OPTIONS /

- **Exporting of Horizon session data**
 Horizon VDI session data can now be exported in the CSV and PDF format.
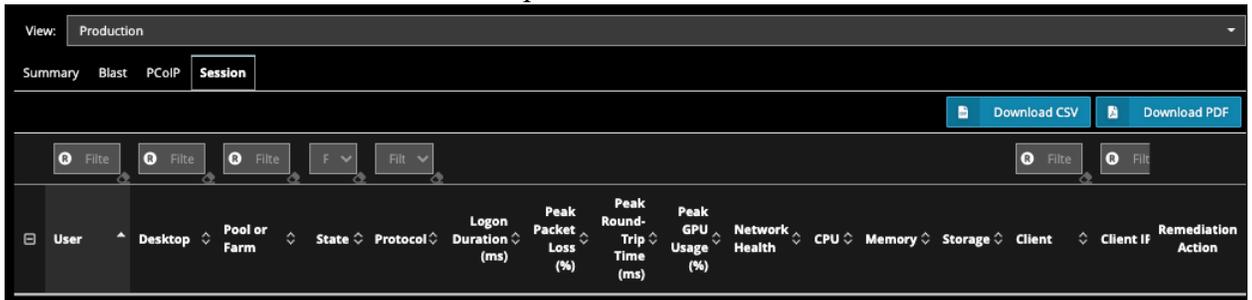
- **Splitting of notification categories**
  Alert notifications is now split into t*wo categories: Periodic and Real-t*ime, as certain alert notifications are more applicable to a periodic update as compared t*o ot*hers.
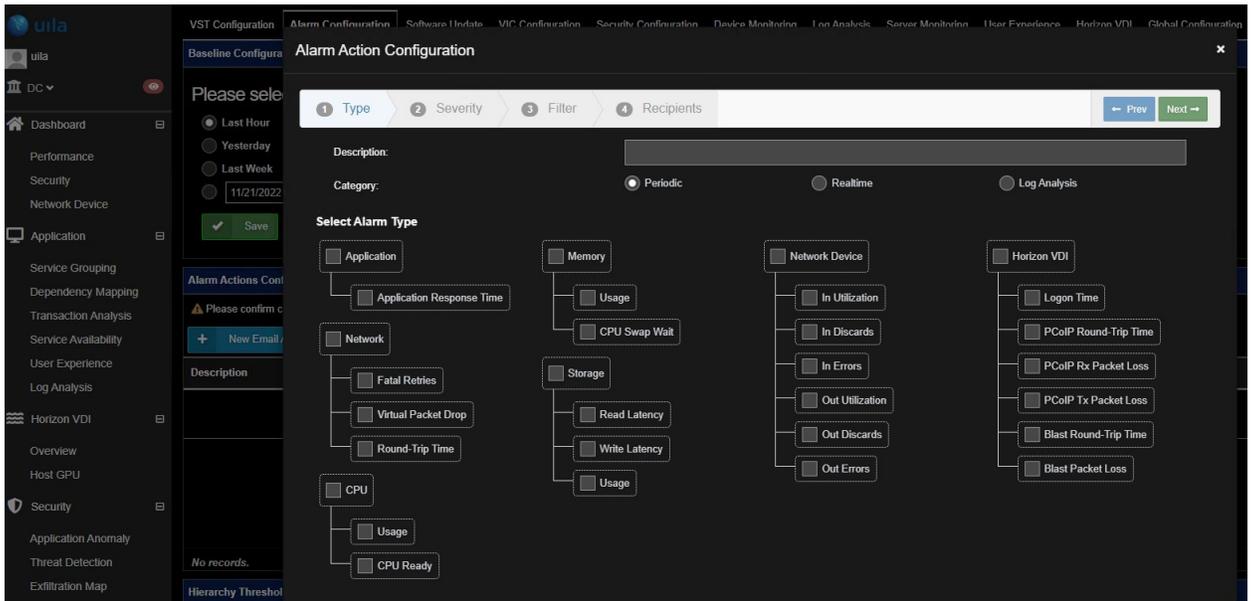
- **Scheduled CSV Report option**

Users can now schedule the delivery of the CSV reports, similar to the PDF version.
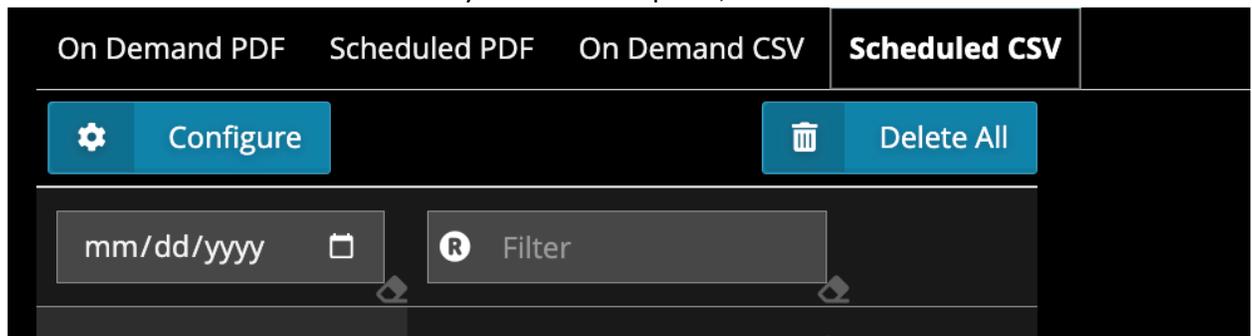
Fixed Issues

1. Multiple NSX-T Manager support was not supported.
2. Dashboard widgets (color wheels) may lose storage data under certain conditions.
3. CSV reports could not be scheduled.
4. Fatal Retry and Reset counter are inconsistent in the Network Conversation expanded view.
5. Formatting issues with certain CSV reports.
6. CPU Ready counters under certain conditions may report inconsistent values.
7. Service availability may report "unknown" status under certain conditions.

Known Issues

- Subnet Analysis: Usage Trending chart and the Conversation table data may not match under certain conditions.
- Process-level Monitoring on Uila iST cannot be controlled by Uila UI. Work around includes using command line interface for controls.
- In Stats Map, the service name maybe hidden behind the icons.
- You may get errors while obtaining the UMAS logs, when switching to another page before all the logs are downloaded. The workaround is to wait until the download is complete.
- Bookmark may not display the image.
- Under certain situations sorting on CPU, Memory and Storage health in Service Grouping may not work.
- Under User Experience in Service grouping, the tooltip maybe lost when you mouse over on the health score.
- Monthly scheduling of health overview report may fail.
- Exporting of application transactions is limited to only 2000 records.
- Sometimes longer MSSQL transactions may be cut off.
- In Stats map, network device connected switch port may show some errors when clicked.

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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

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About Uila

Uila resolves Complex IT Disruptions for Enterprise Organizations with its Intelligent Full-Stack Observability Platform, that correlates Application and Infrastructure Performance to isolate and remediate issues before business impact. With Uila, IT teams can visualize application workload dependencies across cloud platforms, rightsize infrastructure resources, troubleshoot disruptions for any onsite or remote VDI user due to application/network/infrastructure challenges, plan workload migration strategies for Cloud deployments and use AIOps to streamline troubleshooting and reduce MTTR with remediation actions. And most importantly, this is done WITHOUT any agents. Uila also allows security teams to combat advanced cyber threats, by providing comprehensive application anomaly insights, cyber threats & Data Exfiltration activities. Organizations use Uila to align themselves with their IT teams and cut MTTR from days to minutes to always keep End-User Experience at peak performance & secure, across cloud boundaries.