Title: Updated SmartTrace, Security, and Machine Learning Capabilities Now Available in CA NetMaster 12.2

March 2018

Dear Valued Customer,

On behalf of CA Technologies, we appreciate your business and the opportunity to provide you with high-quality, innovative software and services. As part of our ongoing commitment to customer success, we regularly release updated versions of our products. Today, we are pleased to release an update to the SmartTrace, security, and machine learning capabilities in CA NetMaster 12.2 Increment 2 (INC02) and later PTFs:

Enhanced SmartTrace Functionality within Mainframe Team Center – Network Management

Continuing efforts to improve the web interface, we have enhanced SmartTrace functionality in Mainframe Team Center – Network Management (MTC-NM) to let you perform nearly all the same tasks with SmartTrace definitions that you can perform on the mainframe. Network engineers and administrators can now create, edit, start, stop, and delete SmartTrace definitions from the web interface. In addition, you can create and download SmartTrace PCAP files with a single click, simplifying the sharing of SmartTrace data with other team members or for third party analysis tools. Read more: [Create and Manage SmartTrace Definitions on Mainframe Team Center – Network Management](#)

Support for zOS Encryption Readiness Technology (zERT)

Understanding how your protected traffic is secured is not just risk management—it also allows for the proactive enforcement of corporate security standards. In addition, it's a key component for audit and compliance by providing a real-time method to detect non-compliant network traffic. We are pleased to announce that CA NetMaster now supports zOS 2.3's zERT capability, providing easy access to cryptographic security attribute information for secured network traffic.

Some key encryption envelope information CA NetMaster makes available for your protected (TCP IPv4/IPv6 and EE) traffic includes:

- Key cryptographic attributes including security protocol used (TLS/SSL, SSH, and/or IPSec)
- Algorithms used to encrypt the traffic
- Key length employed
- Certificate (server and client side) information associated with the traffic

Support of zERT allows network engineers and administrators track and trigger events based on the security envelope information for protected traffic and is part of our ongoing commitment to providing best of class network security capabilities for the mainframe. Read more: [Using zERT Data to Enhance Application Security](#)

Support for Machine Learning Capabilities

Machine learning can help your team visually analyze historical performance of your network and applications. You can also leverage adaptive thresholds to alert you when metrics begin to trend out of normal operating levels. Together, these capabilities help provide "additional time on the clock" and faster analysis cycles, so that you can remediate issues before they become business impacting incidents. Updated *machine learning capabilities* include:

New *Adaptive Thresholding* features:

- **Calendaring for Special Days**
  Lets you flag the dates when you know that your systems will not be acting normally. An example is a special marketing event that generates unusually high traffic. On these days, anomalies are suppressed so that you are not flooded with unnecessary noise.
- **Triggering a CA Mainframe Application Tuner Monitor**
  This new integration lets you automatically gather application performance analysis based on metrics trending abnormally. When the abnormal situation occurs, CA Mainframe Application Tuner displays its monitor summary in your alert window.

New *Visual Analytics* features:

- **Reporting and Dashboarding performance improvements**
  Provides faster access to critical data.

Read more: Machine Learning Capabilities.

Release Notes
See the CA NetMaster NM for TCP/IP 12.2 Release Notes for important security-related information that may affect your ability to upgrade, install, access, and use the new features and enhancements in this announcement.

CA Mainframe Operational Intelligence
In addition to the enhancements described above, we have released a new package of add-on capabilities. CA Mainframe Operational Intelligence is a new offering which provides advanced IT operations analytics and machine learning capabilities such as multivariate alert clustering, insight sharing to external analytic engines such as Splunkand support for more data feeds, including SMF records. CA Mainframe Operational Intelligence is built on the same machine learning infrastructure and intelligence engine included with CA NetMaster but is separately licensed For more information about CA Mainframe Operational Intelligence, visit www.ca.com/moi or reach out to the CA team for a conversation.

Pitttsburgh Technology Conference

Click Here To Register and for More Information

Join us for the 4th annual CA Technologies technical conference!

- Development deep dives
- Ideation and strategy
- Sessions led by the experts who design and develop your CA products

Registration is free.
45+ in-depth sessions over 2.5 days with product updates for:

- CA OPS/MVS®
- CA SYSVIEW®
- CA NetMaster®
- CA Automation Point
- Mainframe as a Service

Need More Assistance?
If you need any assistance in understanding or implementing these capabilities or products, our CA Services™ experts can help. For more information and how you can leverage CA Services™ expertise, please call 800-225-5224 (North America) or +1 303-262-8300 (International).

For the latest information about CA solutions and services please visit CA Support Online at http://support.ca.com. In addition, be sure to visit ca.com to learn about all of our innovative product lines.

We thank you for your continued support. With CA software, you can rest assured that you have made a solid investment in your business success.

Thank you again for your business.

Sincerely,
The CA NetMaster Team