FORUM SYSTEMS RELEASE NOTES

FORUM SENTRY VERSION 8.5

A Crosscheck Networks Company

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1.   Installation / Upgrade Documentation and Technical Support

Please refer to the following documents which will assist in the installation of the Forum Sentry hardware appliance, virtual appliance, and software deployments:

- FS_Sentry_V8.5_Hardware_Installation_Guide
- FS_Sentry_V8.5_Software_Installation_Guide
- FS_Sentry_V8.5_Quick_Start_Guide
- FS_Sentry_V8.5_VMware_VirtualOS_Installation_Guide

The Full PDF documentation, including the documents mentioned above, can be found at https://helpdesk.forumsys.com.

1.1   Upgrade Instructions

Visit the FS Support Helpdesk site at https://helpdesk.forumsys.com or contact Forum Systems Support at support@forumsys.com for documentation and assistance on upgrading to the latest release.

1.2   Technical Support

Online Knowledgebase and Helpdesk

Visit the FS Helpdesk site for documentation, FAQs, best practice guides, and to open Helpdesk tickets: https://helpdesk.forumsys.com

Registration is required for full KB access.

Contact Info

Email: support@forumsys.com
US Toll Free: 1-888-811-0060 option 2
UK Toll Free: 0870-820-0350 option 2
International: +1-781-791-7510 option 2

2.   Minimum Requirements/Supported Platforms

2.1   Requirements for the FS Sentry Software Instances

- Operating Systems:
  - Windows
  - RedHat, Fedora, CentOS, Ubuntu
  - Solaris SPARC, x86
- 2 GB RAM
- 1 GHz CPU
- 20 GB Disk Space

Notes: The 32bit software packages are available upon request only. Running multiple instances of Sentry on the same system is not supported.

2.2   Requirements for the FS Sentry Virtual OS

- VMware Workstation 8.x or ESX 5.x or later
- 200GB Hard Drive
- 8GB memory

Note If using vSphere vMotion, this mechanism needs to be tested in each environment prior to deploying into production. Please contact Forum Systems Support for more information.

3.   Known Issues / Important Changes

3.1   Version 8.3/8.5 Important Changes

8.5
- With v8.5.130 the32bit software packages are now only available upon request
- Updated Release Notes format with v8.5.113
- Database Schema Changes with v8.5.113 – The data source schemas have changed with v8.5 and will need to be updated if using data source policies for any reason, including: reporting, configuration management, content archiving, persistent sessions, etc. The latest schemas are available on the data sources page of the WebAdmin interface for each database type supported.
- Deprecates support for the In-Line 1 IP topology mode

8.3
- Support for SSLv2Hello was removed from the product with 8.3.474 but added back as an optional component with v8.3.481. This change may break existing policies with older clients that utilize the SSLv2Hello to begin the SSL handshake.
- SSLv3 is disabled by default with all new SSL policies, as are weak ciphers. This change should not impact upgraded policies where SSLv3 and weaker ciphers were enabled.
- Data Source schema changes have been made with 8.3.386. Applying the new schema to the database is recommended with all upgrades.
- WebAdmin / WSDL API / REST API Access Control Changes. After 3 failed admin login attempts within an hour, further login attempts for the same user will be throttled by 10 seconds. If a login attempt is currently being throttled (in its 10 second delay) and another login attempt for the same user comes in from the same source IP, the new login attempt will fail immediately, regardless of whether the credentials from the new login attempt are correct or not. It may be necessary to wait for an hour or so for the system to clear.
- REST API Access Control Changes. Previously, a super user had access to the REST API regardless of what ACL was configured on the policy. Now, a user must explicitly belong to a group which has READ/WRITE domain access for the domain configured on the REST API Policy, regardless of whether or not that user is a super user.
- WSDL API Access Control Changes. Previously, a super user had access to the WSDL API regardless of what ACL was configured on the policy. Now, a user must explicitly belong to a group which has

READ/WRITE domain access for the domain configured on the WSDL API Policy, regardless of whether or not that user is a super user.

- OAuth Policies build in 8.1 being upgraded to 8.3 could be problematic if the original OAuth Policy name has been changed.

3.2 Historical Important Changes

All previous important changes and known issues, as listed in previous release notes, can be found here:

https://helpdesk.forumsys.com/entries/39401758-Forum-Sentry-Release-Notes

4. Feature Enhancements and Bug Fixes

4.1 Summary of Enhancements in Release 8.5.173 [10/20/2017]

Enhancements and Bug Fixes

- **System**
    - o Resolves issue with blocked threads causing system to hang

- **Task List Processing**
    - o Enhancement to Pattern Match task to match on inline MTOM attachments

- **Access Policies**
    - o Adds ability to LDAP Policies to halt processing if query returns incorrect password

4.2 Summary of Enhancements – Recent GA Releases

For historical release notes, please see:

https://helpdesk.forumsys.com/entries/39401758-Forum-Sentry-Release-Notes

Summary of Enhancements in Release 8.5.170 [04/10/2017]

Enhancements and Bug Fixes

- **System**
    - o Improvements related to high CPU usage issue caused by processing of certain data patterns

Summary of Enhancements in Release 8.5.169 [03/02/2017]

Enhancements and Bug Fixes

- **System**
    - o Improvements related to high CPU usage issue caused by processing of certain data patterns

Summary of Enhancements in Release 8.5.166 [12/9/2016]

Enhancements and Bug Fixes

- **Task List Processing**
  - Resolves issue import of WS-Security Task
  - Resolves issues with the Transform Document task

- **System**
  - Resolves sporadic issue with Overview screen

Summary of Enhancements in Release 8.5.159 [11/10/2016]

Enhancements and Bug Fixes

- **Task List Processing**
  - Resolves issue with the Transform Document task failing to process certain documents

- **SFTP Policies**
  - Resolves issue with task processing on multiple files being transferred

- **System**
  - Ensures all packet captures and diagnostics files are removed during factory reset

Summary of Enhancements in Release 8.5.156 [10/27/2016]

Enhancements and Bug Fixes

- **System**
  - Updates the ClamAV Engine to resolve issues with the new ClamAV signature files

- **Content Policies**
  - Resolves issues with upgrade of Request Filters

Summary of Enhancements in Release 8.5.151 [8/30/2016]

Enhancements and Bug Fixes

- **GDM / Configuration Management**
  - Resolves issue with Backup to FTP server

- **Network Policies**
  - Resolves issue with WebLogic policies, Sentry now correctly closes the WLContext with the correct thread

Summary of Enhancements in Release 8.5.150 [8/19/2016]

Enhancements and Bug Fixes

- **SFTP Processing**
  - Resolves issue with SFTP socket connections with Windows based SFTP servers

Summary of Enhancements in Release 8.5.149 [8/12/2016]

Enhancements and Bug Fixes

- **Logging**

- o Enhances logging for database errors

- **SSO / Persistent Sessions**
  - o Resolves issue with race condition causing sporadic FSSESSION cookie validation failures

- **REST API**
  - o Resolves issue with enabling/disabling HTTP policies via REST API

- **Virtual Directories**
  - o Resolves sporadic null pointer exception with requests to HTML policies

Summary of Enhancements in Release 8.5.144 [6/24/2016]

Enhancements and Bug Fixes

- **Redirect Policies**
  - o Resolves issues with Redirect Policies no longer functioning as expected
  - o Resolves issue with associating Task List Groups to Redirect Policies

- **Network Policies**
  - o Resolves issue with SSL/TLS with ActiveMQ policies
  - o Resolves issue where User ACLs associated to JMS policies could be deleted

- **Virtual Directories**
  - o Resolves issue with Response Task List Groups being active even when no Remote Policy is used on the virtual directory

- **Monitoring**
  - o Resolves issue with JMX monitoring where attribute names did not match when using JConsole

- **WebAdmin**
  - o Resolves issue with General Info page showing obsolete data

- **Task Lists**
  - o Resolves issue with JSON to XML task where tag named "content" was ignored
  - o Resolves issue with copying of Task Lists removing the applied Label

- **Global Device Management**
  - o Adds new Agent override option to not transfer Data Source policies

- **REST API**
  - o Resolves issue with creation of HTTP remote policies where SSL is enabled without an SSL Initiation policy specified

Summary of Enhancements in Release 8.5.130 [3/28/2016]

Enhancements and Bug Fixes

- **SSL / Proxy Policies**
  - o Resolves issues with SSL handshakes when using a proxy policy or a system wide proxy server

- **WebAdmin**
  - o Resolves issue with Task List Group where it was not possible to move Task Lists up and down in the group

- **System**
    - Resolves issues with Linux software instances reporting as ForumOS

- **Pattern Matching**
    - Resolves issues with pattern matching on specific two-level zip files

Summary of Enhancements in Release 8.5.121 [2/10/2016]

Enhancements and Bug Fixes

- **WebAdmin Interface**
    - Resolves problem with slow loading pages
    - Enhancements to the Dependency Viewer Feature

- **Task Processing**
    - Resolves issue with XSD Validation task

- **WSDL Policies**
    - Resolves issue with Schema Tightening

- **User Identity and Access Control**
    - Resolves problem accessing the cached cookies page when using a MS SQL database for session persistence

Summary of Enhancements in Release 8.5.113 [1/15/2016]

Enhancements and Bug Fixes

- **WebAdmin Interface**
    - Several GUI enhancements including the ability to hide the menu pane, enhanced text boxes, and improved searching and filtering
    - Adds new Dependency Viewer for Content Policies and Task Lists that provides graphical representation of associated policy objects

- **Help**
    - Improves integrated context sensitive online help

- **User Identity and Access Control**
    - Adds support for multiple Kerberos policies
    - Improves support for SAML SSO Redirect Binding

- **System**
    - Deprecates support for the In-Line 1 IP topology mode
    - Adds support for Ubuntu OS for Sentry software packages

- **REST API**
    - Adds method to retrieve systems version and related information via API call
    - Adds method to retrieve more information on existing task lists
    - Adds method to retrieve more information on existing IBM MQ network policies
    - Adds method to update static user password
    - Adds method to remove Keys
    - Adds method to remove Signer Groups
    - Adds method to remove SSL Policies
    - Adds method to copy Documents

- o Adds options to configure remote server settings with FTP policies
- o Resolves issue with removing Task Lists via REST API

- **Content and WSDL Policies**
  - o Resolves WSDL import issue with XSDs containing regular expressions
  - o Reorganizes STS Policy page to improve usability
  - o Reorganizes the Virtual Directory page within WSDL and Content Policies to improve usability
  - o Adds new Request Filters menu that allows for creating, copying, and deleting Request Filter Policies, which are then associated to the Content and WSDL Policies

- **Network Policies**
  - o Adds ability to set the HTTP Idle Timeout on a per listener basis – previously this was a system wide setting available in the CLI only

- **GDM / Configuration Management**
  - o Splits the Configuration>>Import/Export menu into two separate menus: Import and Export
  - o Improves the Find Configuration screen (used when storing configurations in a database) enhancing the sorting and filtering options

- **Task Processing**
  - o Adds new Redirect task to manually generate an HTTP Redirect
  - o Adds support for HMAC signatures with the Convert Value task

- **Logging**
  - o Adds Start, End and Total Time columns to the Access Log

Summary of Enhancements in Release 8.3.509 [12/7/2015]

Enhancements and Bug Fixes

- **Data Mediation**
  - o Resolves issue with generation of a form post request from an XML POST

- **User Identity and Access Control**
  - o Resolves issue with persistent sessions (storing cookies in a database) when username contains @ character