Release Notes for Forcepoint TRITON AP-DATA v8.2.5

Updated: 22-Aug-2016

Applies To:	Forcepoint TRITON AP-DATA v8.2.5

Use the Release Notes to find information about what's new and improved in Forcepoint™ TRITON® AP-DATA v8.2.5:

For information about TRITON AP-ENDPOINT DLP enhancements, refer to the TRITON AP-ENDPOINT Release Notes.

New in TRITON AP-DATA v8.2.5

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Version 8.2.5 of Forcepoint TRITON AP-DATA is a major release that offers several new features, including:

TRITON AP-DATA

Incident risk ranking

New in this release, TRITON AP-DATA includes a new advanced security analytics capability called incident risk ranking. It uses statistical data modeling and behavioral baselines to automatically identify and rank groups of high-risk incidents.

A new DLP component, the analytics engine, consumes incidents generated by DLP policies across all core TRITON AP-DATA components and reports on those with the highest data loss or data theft risk score. You can use this information to identify the highest risks to your organization so that you can take remediation action and prevent future risks.

No additional license is required to benefit from this new analytics capability. To use this feature, you must first install an analytics engine on a 64-bit Linux machine. For instructions, refer to the TRITON AP-DATA Installation Guide.

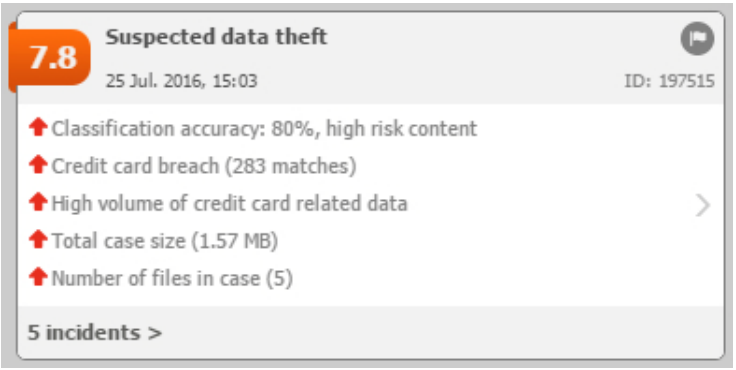
Incident risk ranking is the first application of the analytics engine, with additional use cases planned for future AP-DATA releases.

This feature includes the following:

New Incident Risk Ranking report

Main > Reporting > Data Loss Prevention > Report Catalog > Security Analytics > Incident Risk Ranking

This new report shows up to 20 cases with the highest risk scores during the selected time period, along with details for those cases. Cases are groups of related incidents that, combined, indicate a risk to your organization—for example, incidents of data being sent to suspicious destinations or those occurring outside normal office hours. Cases are represented by cards such as this:



Incidents within cases are also ranked according to their number of matches, transaction size, content, breached policies and rules, date and time, and more.

Cards show the following information:

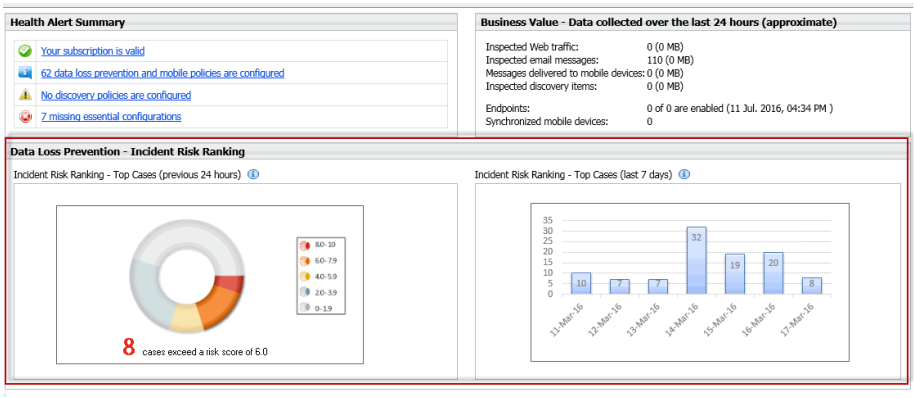
- **Risk score** - The risk score assigned to the case, between 0-10 with 10 being the highest risk. This score is derived by the analytics engine and can be used to assess the security risks in your organization. Scores are based on data accumulated over time. An incident with a score of 2.5 may not pose a high-risk on Monday, but when combined with other incidents from the same source over the week, it might be assigned a higher score.
- **Classification** - Cases are classified as one of 2 things:
- *Suspected data theft* - the incidents in this case may indicate an attempt to steal sensitive data. This is based on factors such as statistical information, user and system profiling, the sensitivity of the data, and the risk this incident may impose on the organization.
- *Uncategorized (unknown)* - the incidents in this case do not fall into the Suspected Data Theft classification.
- **Reasons** - Each case lists reasons why the case is included in the report. For example, in the case above, there was a data theft breach and a large number of files. Some descriptions show classification accuracy. Red up arrows indicate that an incident increases a case's risk score. Green down arrows indicate that an incident lowers the risk score.
- **Case ID** - Each case has a unique ID, such as ID:163840.
- **Date & Time** - The date and time of the last incident that was added to the case. To see incident risk cases for other dates, use the time line shown above the case cards Click a date to display incidents that occurred on that date. Use the scroll bar to see incidents for the previous week. The time line also shows the number of incidents scoring above the selected threshold each day.

- **Next/Previous Page (◀ ▷)** - Click this button to see the next page of the card for more details. The content varies by case. The second page shows the source and destinations relevant to the case (those that pose a risk) and any files that are involved.
- **Number of incidents** - The number of incidents in the case are shown as a link. Click this link to drill down to the current Incidents report, filtered according to the case, so you can investigate the incidents further.

New dashboard elements

Main > Status > Dashboard > Data Loss Prevention Incidents - Top Incident Risks

Once you have installed and registered the analytics engine, you can see the top cases for the previous day (midnight to midnight) and the last 7 days from the TRITON AP-DATA dashboard. These charts display the number of cases during the designated period with scores above your threshold. You specify which scores to display under **Settings > General > Reporting**. Click the chart to view details on each case.



New report settings options

Settings > General > Reporting > General tab > Incident Risk Ranking

In report settings, you set your threshold for defining incident risk cases. Risk cases with scores above this number appear on the Dashboard and in the Incident Risk Ranking report.

For example, if you want to see only the most severe risks, select 8.0-10. Cases assigned a risk score above 8 will be shown.

On this screen, you can also select your organization's normal work week, Monday - Friday by default. This shows on the Incident Risk Ranking report date filter.

New System Module

Settings > Deployment > System Modules

If you install the analytics engine, a new module appears in the System Modules list. This lets you monitor the status of the module and modify general attributes such as its name and description.

New System Health charts

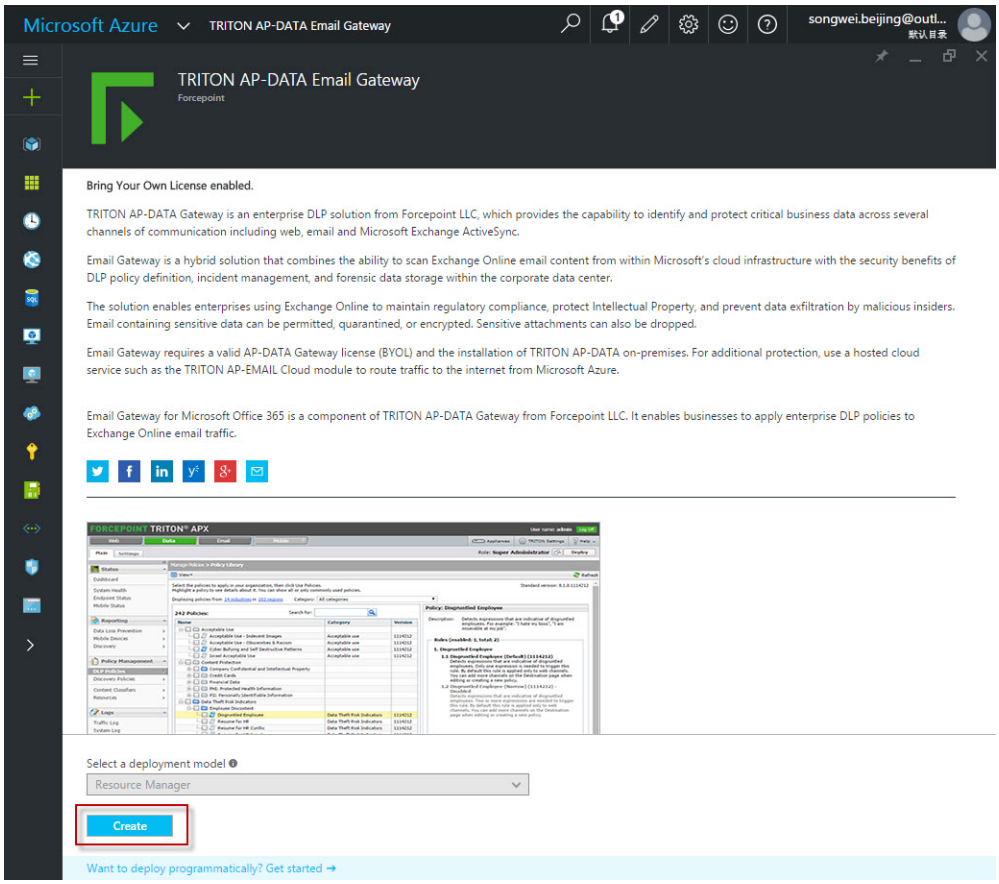
Main > Status > System Health

Once the analytics engine is installed, you can monitor its health on the System Health page. There you can view a system summary, CPU usage, memory usage for the machine.

Email Gateway for Office 365 Azure Marketplace deployment

In this release, the TRITON AP-DATA Email Gateway for Microsoft Office 365 image is available in the Azure Marketplace. Although a manual download is still available on the Forcepoint website, you can streamline your Azure deployment by accessing it in the Marketplace.

Log onto the Azure portal, https://portal.azure.com/, select **Browse**, and then click **Marketplace**. Search for and select **TRITON AP-DATA Email Gateway**.



In previous releases, you managed the virtual appliance in Azure Classic mode. You can now manage it using Azure Resource Manager.

For instructions on deploying the Email Gateway VM, refer to the TRITON AP-DATA Installation Guide.

CentOS 7 support for protector/mobile agent

To take advantage of the latest Linux features, the protector and mobile agent include CentOS 7 starting with v8.2.5. Because earlier versions use CentOS 5, you must install the protector from scratch if you wish to use the new CentOS 7 version.

Management configuration, such as policy and agent settings, are recovered when you deploy the new module; however, local customizations made on the protector/mobile agent machine are not.

The protector and mobile agent are forward compatible, so you can retain your existing installation and still take advantage of v8.2.5 management, analytics, and endpoint features.

Support for USB protector/mobile agent installation

Starting with v8.2.5, you can install the protector image from a bootable USB drive as well as a CD/DVD. Just burn the ISO image file to the USB and run the protector wizard as you would normally.

TRITON AP-ENDPOINT DLP

Support for XenApp environments

TRITON AP-ENDPOINT DLP can now be deployed on Citrix XenApp servers to provide data loss and data theft prevention on virtual clients.

Version 8.2.5 of TRITON AP-ENDPOINT DLP supports the following versions of Citrix XenApp:

- Citrix XenApp v6.5
- Citrix XenApp v7.6
- Citrix XenApp v7.7

In the XenApp environment, TRITON AP-ENDPOINT DLP supports the following destination channels:

- **HTTP/S** - analyzes data being posted to the Web via Internet Explorer, Edge, Chrome, or Firefox browsers.
- **Email** - analyzes email messages sent from endpoint users, even if they send them to external Web mail services such as Yahoo.

- **Print** - monitors data being sent from an endpoint machine to a local or network printer. The system supports drivers that print to a physical device, not those that print to file or PDF.
- **Application file access** - monitors access to files in supported applications. Cloud are supported if accessed through Firefox.

For more information, see “Deploying TRITON AP-ENDPOINT DLP on Citrix XenApp clients.”

Requirements

Updated: 22-Aug-2016

Applies To:	Forcepoint TRITON AP-DATA v8.2.5

Operating system support

For the operating system requirements of TRITON AP-DATA modules see the Deployment and Installation Center in the Forcepoint Technical Library, and click TRITON AP-DATA Requirements. With the exception of the analytics engine, protector, and mobile agent which now run on CentOS 7, v8.2.5 runs on the same operating systems as v8.2.0.

Hardware requirements

See the Deployment and Installation Center in the Forcepoint Technical Library for TRITON AP-DATA hardware requirements. Click TRITON AP-DATA Requirements and then scroll below the operating system table. Requirements are listed for each TRITON AP-DATA module. Version 8.2.5 has the same hardware requirements as v8.2.0.

Backward compatibility

Where indicated below, TRITON AP-DATA v8.2.5 can support older supplemental servers, agents, and endpoints.

Supplemental servers

The TRITON management server v8.2.5 is fully compatible with Data Security supplemental servers v7.8.x and later.

Agents

The FCI and mobile agents must be at v8.1 or later to work with v8.2.5 of the management server.

Crawlers and protectors can be running version 7.8.x or later.

Endpoint

TRITON AP-DATA v8.2.5 can support older endpoint versions.

Version 7.8.x, 8.0.x, 8.1.x, and 8.2.0 endpoints are fully compatible with the v8.2.5 management server. They can accept new policies, classifiers, profiles, incidents, fingerprint updates, and status notifications. To take advantage of new features, however, they must be upgraded to v8.2.5.

Version 8.2.5 does not support v7.7.x endpoints or earlier.

TRITON AP-WEB

The Web Content Gateway included in TRITON AP-WEB has an on-board DLP policy engine. It must be at v7.8.x or later to work with TRITON AP-DATA v8.2.5.

TRITON AP-EMAIL

TRITON AP-EMAIL includes an on-board DLP policy engine. It must be at v7.8.x or later to work with TRITON AP-DATA v8.2.5.

Installation and Upgrade

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New installation

TRITON AP-DATA v8.2.5 is an upgrade of v8.2.0. You cannot install it from scratch.

Upgrading TRITON AP-DATA

TRITON AP-DATA must be at version 8.2.0 in order to upgrade to v8.2.5. If you have an earlier version, there are interim steps to perform. These are shown in the table below.

Your current version	Step 1	Step 2	Step 3	Step 4
7.6.x	Upgrade to 7.7.2	Upgrade to 7.8.4	Upgrade to 8.2.0	Upgrade to 8.2.5

7.7.x	Upgrade to 7.8.4	Upgrade to 8.2.0	Upgrade to 8.2.5	
7.8.1 - 7.8.3	Upgrade to 7.8.4	Upgrade to 8.2.0	Upgrade to 8.2.5	
7.8.4	Upgrade to 8.2.0	Upgrade to 8.2.5		
8.0.x	Upgrade to 8.2.0	Upgrade to 8.2.5		
8.1.x	Upgrade to 8.2.0	Upgrade to 8.2.5		
8.2.0	Upgrade to 8.2.5			

Step-by-step instructions for upgrading your Data Security installation can be found here:

- Upgrading to TRITON AP-DATA v8.2.5.

Resolved and known issues

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A list of resolved and known issues is available in the Forcepoint Technical Library. You must log on to My Account to view the list.