RSA NETWITNESS® PLATFORM

AttackIQ Configuration Guide

for RSA NetWitness® Platform 11.4

Contact Information

RSA Link at https://community.rsa.com contains a knowledge base that answers common questions and provides solutions to known problems, product documentation, community discussions, and case management.

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Introduction

The AttackIQ platform provides capabilities for organizations to validate their security controls and verify their assumptions about the functionality and configurations of the security technologies that are deployed in their production environments. Establishing and maintaining communication with the existing security infrastructure is an important aspect for validating security controls.

Once you install AttackIQ on a customer-provided system, the Integrations Manager establishes communication with the AttackIQ Platform server. It can be configured to perform the following functions:

- Send details of all AttackIQ activity to on-premise security infrastructure.
- Execute queries of the security technology present using published APIs to verify the response from AttackIQ activities.
- Execute queries of the security technology present using published APIs to verify the presence of alerts based on AttackIQ activities.

This document provides information on:

- Configuring the RSA NetWitness Integration
- Identifying existing limitations

Note: For information regarding installation of the AttackIQ Integration Manager, see the AttackIQ Integration Deployment Guide.

Setting up the Integration Manager

Configure the Integration Manager in NetWitness Platform.

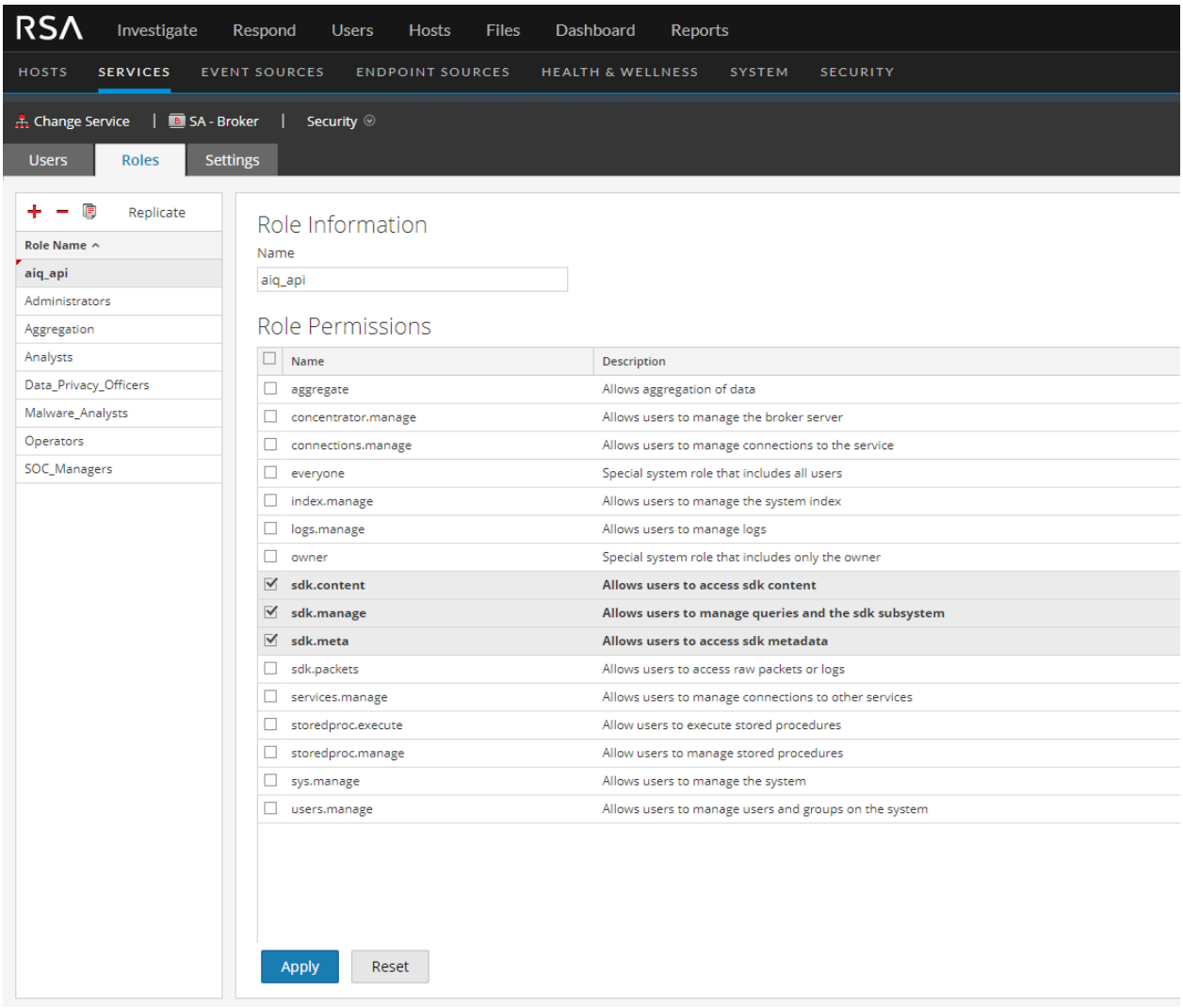
Prerequisites

- Ensure AttackIQ agents have been deployed to the environment.
- Confirm that data from the security infrastructure is fed into RSA NetWitness.

Setting up Role Permissions

Perform the following steps to set up the role permissions.

1. Login to the RSA NetWitness, and navigate to the **ADMIN** page.
2. Click **Services** > **[nwadmin]-broker**.
3. Select **System** > **Security**
4. Click the **Roles** tab.
5. Click + and enter the name of the role.
   Example: aiq_api
6. Select the following role permissions for the new role:
   - sdk.content
   - sdk.manage
   - sdk.meta
7. Click **Apply**.

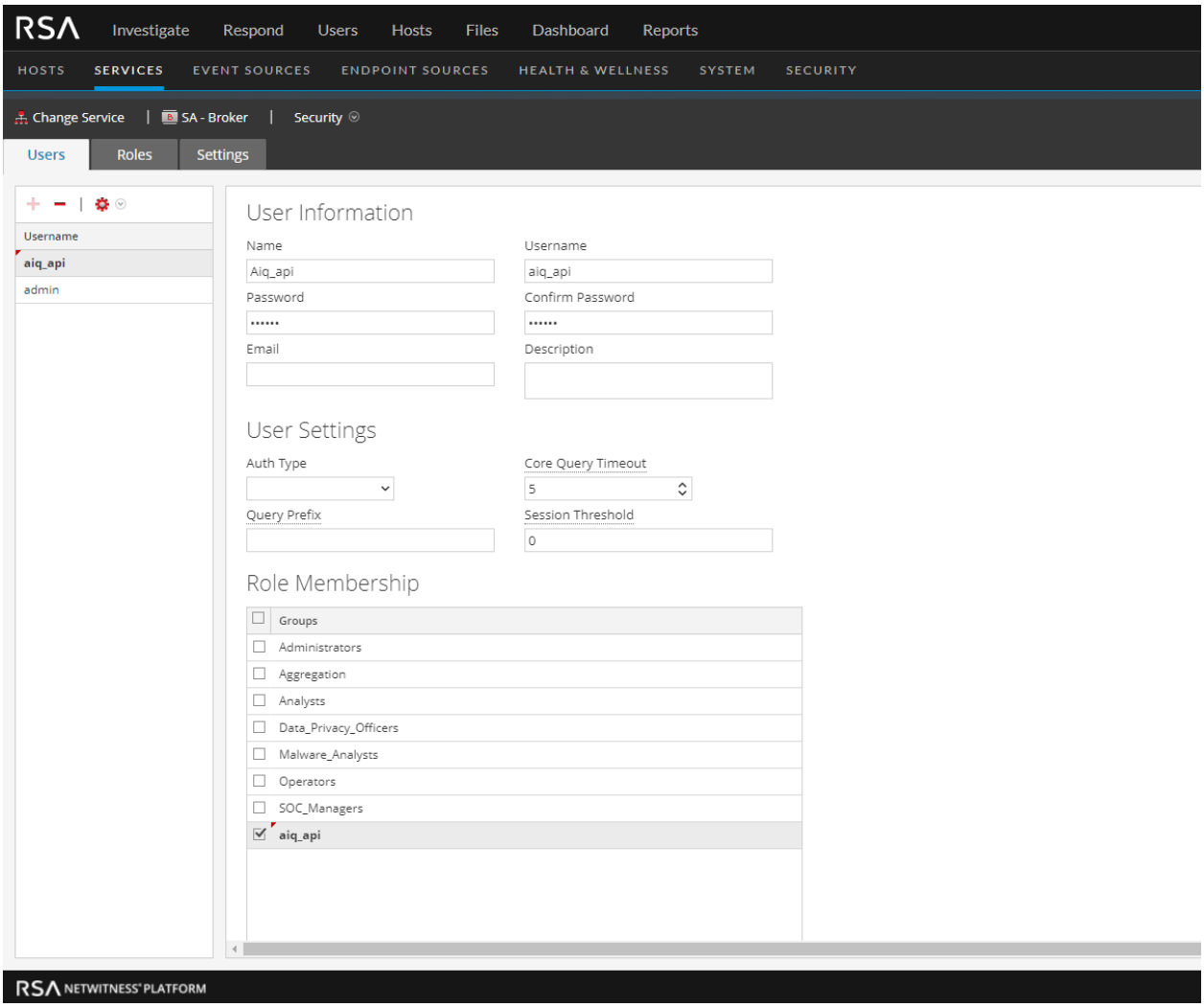


Configuring Users

Perform the following steps to configure users in NetWitness Platform.

1. Click on the **Users** tab.
2. Click + to create a custom user.
3. In the **Auth Type** pull down menu, select **NetWitness Platform**.
4. Select the role that you want to assign to the user from the **Role Membership** menu.
5. Complete the appropriate user information as per the requirement.
6. Click **Apply**.

Note: Ensure that you save the username and password for future use.


RSA
Investigate
Respond
Users
Hosts
Files
Dashboard
Reports
HOSTS
SERVICES
EVENT SOURCES
ENDPOINT SOURCES
HEALTH & WELLNESS
SYSTEM
SECURITY
Change Service
SA - Broker
Security
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User Information
Name
Aiq_api
Username
aiq_api
Password
Confirm Password
Email
Description
User Settings
Auth Type
Core Query Timeout
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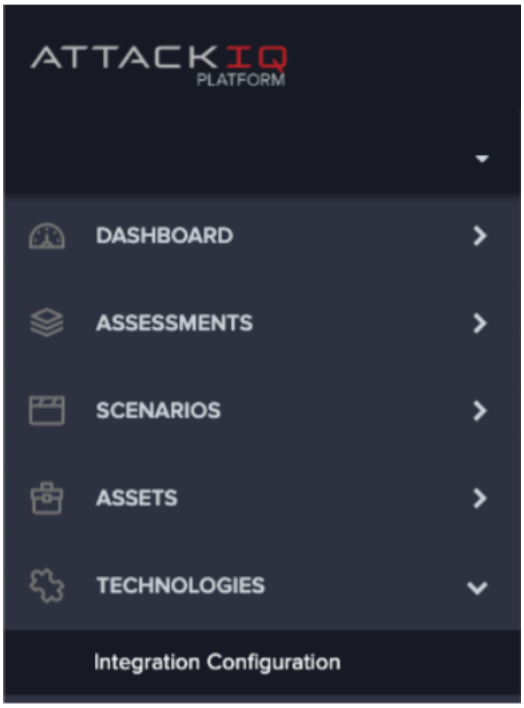
Query Prefix
Session Threshold
0
Role Membership
Groups
Administrators
Aggregation
Analysts
Data_Privacy_Officers
Malware_Analysts
Operators
SOC_Managers
aiq_api
RSA NETWITNESS PLATFORM

Integrating AttackIQ with RSA NetWitness Platform

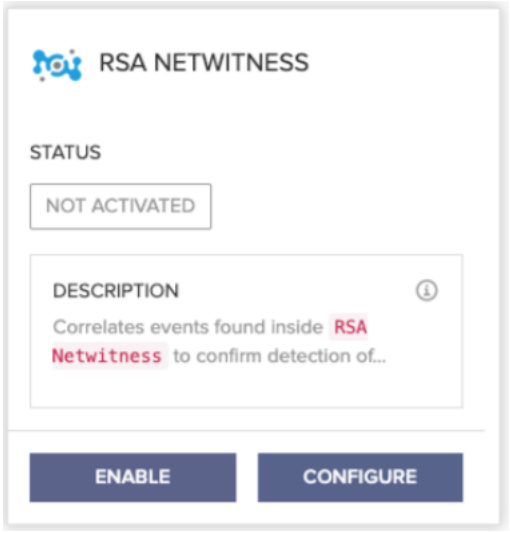
Configuring NetWitness Integration

Perform the following steps to configure NetWitness in AttackIQ.

1. Login to the Attack IQ platform.
2. In the menu, click **TECHNOLOGIES** > **Integration Configuration**.



3. In the Integrations page, locate the **RSA NETWITNESS** and click **CONFIGURE**.



4. Enter the configuration information as per the requirement.
   The following table provides information on the various configuration parameters and its description.

Parameter	Description
API Endpoint	Enter the IP address / host name of the broker / concentrator / decoder.
API Port	Enter the port number of the broker / concentrator / decoder.
Username	Enter the user name of the broker /concentrator / decoder.
Password	Enter the password of the broker /concentrator / decoder.
Scenario Detection Delay	Enter the delay in minutes. AttackIQ recommends a 10 minute delay detection.
Smart Query Time Buffer	AttackIQ recommends a 2 second time buffer.
Enable debug logs	Select True to get debug logs.

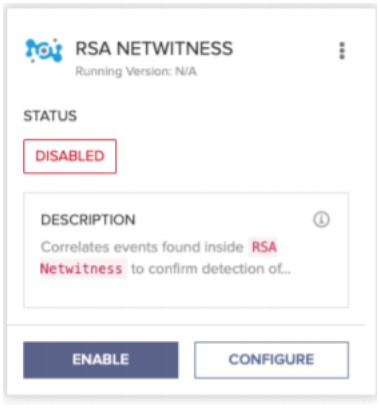
5. Click **SAVE CONFIGURATION**.

Note: Once you save the configuration, you can access the RSA NetWitness integration menu from the **CONFIGURED INTEGRATIONS**tab.

Enabling NetWitness Integration

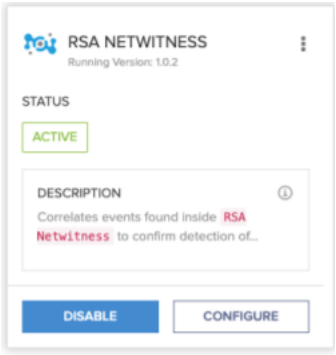
Perform the following steps in AttackIQ to enable NetWitness Platform integration.

1. Click **CONFIGURED INTEGRATIONS** in the RSA NetWitness menu.
   The **RSA NetWitness** page is displayed.
2. Click **ENABLE**.



   The integration confirmation pop-up message is displayed.

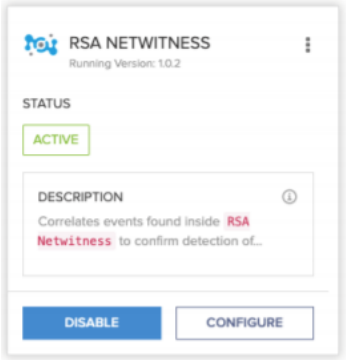
3. The configuration status changes from pending to active.



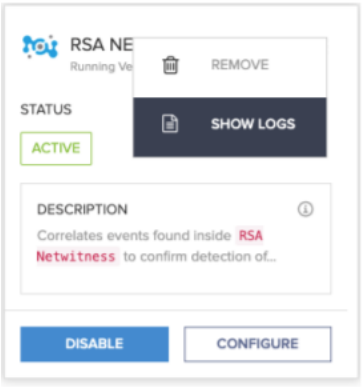
Viewing Logs

Perform the following steps in Attack IQ to view the RSA NetWitness logs.

1. Click **...** in the RSA NetWitness menu.



2. Click **SHOW LOGS**.



The RSA NetWitness Logs page is displayed.

Reviewing Results

AttackIQ prevention results display information on the attack from the defender's perspective. Select any completed assessment from the Assessment page to review the results.

Table 2: AttackIQ Reports

Findings	Description
Prevention Results	A prevented attack is highlighted in green color, and an allowed attack is highlighted in red. In addition to the configured integration, **Detection results** provide you insights to determine if the configured integration was effective enough to detect the attack.
Overall Historical Results	The aggregate Scenario pass rate over time. For each time an Assessment is run, pass rate percentage equals the number of scenarios passed across all assets versus number of all scenarios run across all assets.
Assessment Test Results	The results of each individual test within the assessment. Selecting these results will reveal a list of scenarios and their results that were selected for each test.
Detection Results	Historical detection results by technology measures the efficacy of integrated security controls within the AttackIQ Platform. This visualizes what scenarios were detected by the technologies chosen to integrate with AttackIQ over time.
Results	Allows an analyst to determine if their security tools are blocking and detecting activity from AttackIQ Scenario runs.

Prevention Results	Shows the raw results within an assessment. Use filters to can narrow down the prevention results for a specific scenario on an asset at a given time. AttackIQ scenarios are designed to cause any vulnerabilities, security technologies may not block all scenarios.
Detection Results	AttackIQ Platform initiates queries to the configured SIEM to identify and match the emulated attack activities to alerts or logs. This page enable users to determine if the configured integration detect activities from AttackIQ scenarios.
Reports	Enables a user to view different types of reports available from the assessment. Reports can be configured to be sent across as emails from assessment to the team members on a specific schedule.

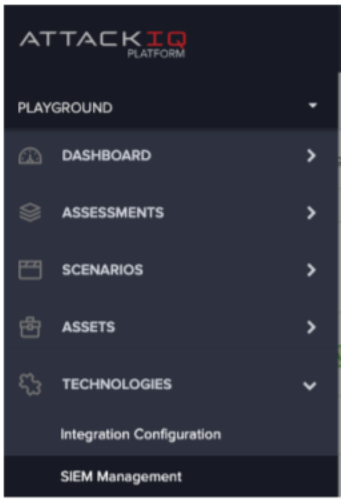
AttackIQ SIEM Management

SIEM integrations, such as RSA NetWitness, require additional configuration for detections to work efficiently. The SIEM Management page allows you to map the data to security technologies as per the requirement.

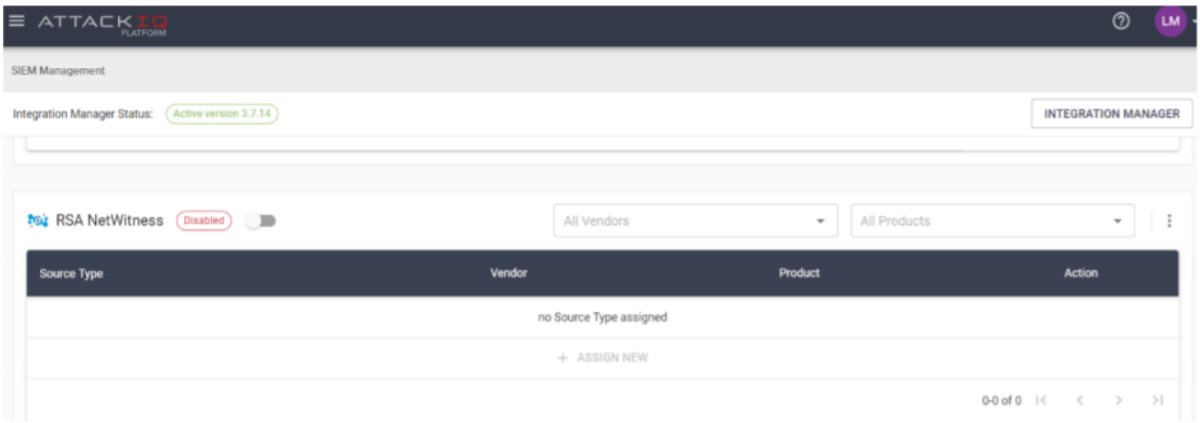
Prior to mapping the source types to corresponding security technologies, ensure that you execute an assessment. If a source type is not automatically identified and mapped to a specific technology, the source type remains in the **Unassigned** state until it is manually assigned in the SIEM Management page.

SIEM Management Configuration

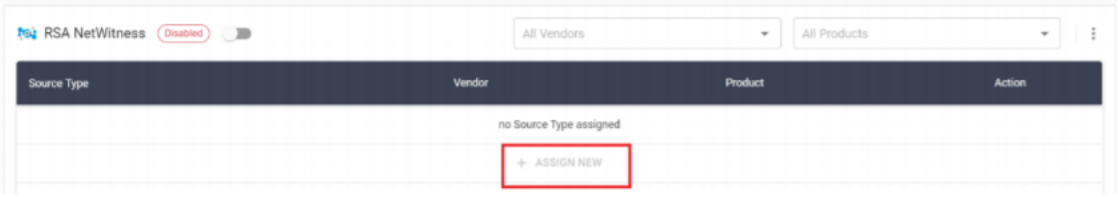
1. Login to the AttackIQ Platform.
2. Go to **TECHNOLOGIES** > **SIEM Management**.
   The SIEM Management page is displayed.



3. In the SIEM Management page, locate **RSA NetWitness**.



4. Click + **ASSIGN NEW** .



Note: If there are multiple EDR solutions, you can select specific integration vendors and products from the pre-configured options. You can also add them (to match the source type) within the AttackIQ platform.