

SolutionPack for Storage Compliance

Release number 3.5

Summary Sheet

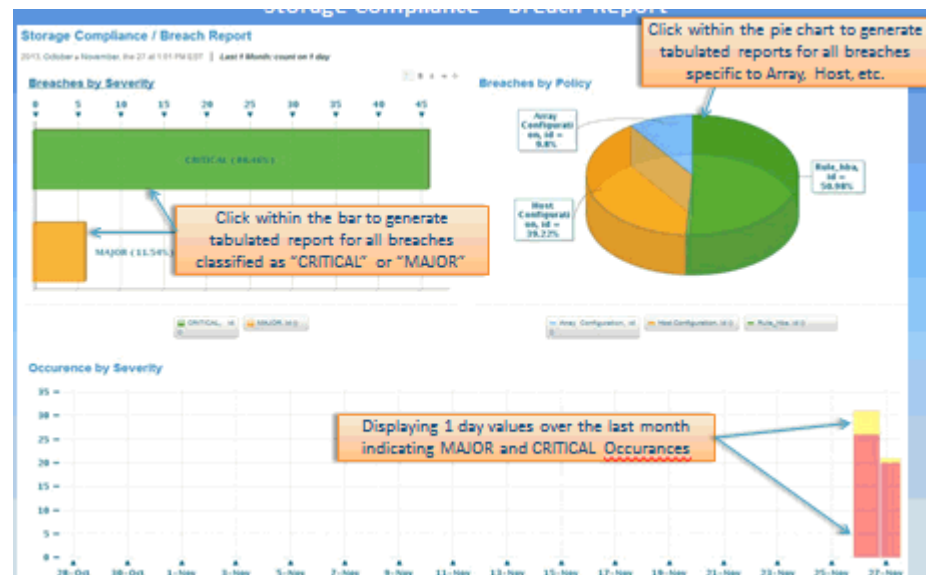
June, 2014

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Overview

This article explains how to install and configure the SolutionPack for Storage Compliance.

The SolutionPack for Storage Compliance generates reports of compliance breaches, configuration changes, compliance policies, and reports of compliance breaches by severity. This enables the identification of any deviation from configuration best practices, including items that do not comply with the EMC Support Matrix. The reports can be found in the Administration section of the console.



Technical specifications

SolutionPack version

- ◆ 3.5

Compatible ViPR SRM version

- ◆ 3.5

Main reports in the Administration section of the console

- ◆ Breach Report
- ◆ Track Configuration Changes
- ◆ View Policies

Support information

This SolutionPack is not used for discovery, so this category of information is not applicable.

Preparing your SAN

The following steps and considerations should be noted before installing the SolutionPack.

Results

Note the following:

- ◆ If you are installing the on a Windows host, stop the process jucheck.exe. This is a Java JRE update validator and uses the same port as the SolutionPack.
- ◆ Do not install multiple instances of the Storage Compliance Backend, as the same port would be used for each installation. This will lead to service startup failure.
- ◆ Alerting backend service should be available during installation; otherwise alerting definition will not be created. The SolutionPack for Storage Compliance creates alerting definition for notifying mentioned users with email alerts for breaches/ violations.
- ◆ Though the Compliance service comes up immediately, do not run ESM rules as the SolutionPack installation also populates the database with ESM data, for ESM rule validation, which takes some time to get the database populated (approximately 3-5 minutes).

In the **Select the components to install** window:

- ◆ In **Compliance Notifications**, select the Compliance Frontend.
- ◆ In **Compliance Backend**, select the Primary Backend host.
- ◆ In **Compliance Reports**, select the Frontend host.

In the **Compliance Notifications** window:

- ◆ In **Alerting Web-Service Instance**, select the Primary Backend host.

In the **Compliance Backend** window:

- ◆ In the **Propertystore Configuration** section, select the Frontend host and provide the port number (default 58080) and credentials to access the Frontend Web portal.
- ◆ In the **Breach Notification Details** section, select the Primary Backend host.

In the Compliance Frontend Window:

- ◆ In **Administration Web-Service Instance**, select the Frontend host

In the **Reports** window:

- ◆ In **Administration Web-Service Instance**, select the Frontend host.

Installing the SolutionPack

Before you begin

- ◆ Watch4net will use SSH and a user account.
- ◆ ViPR SRM core modules must be up-to-date in all servers because not all module dependencies are validated during the SolutionPack installation or update process.

Procedure

1. Log in and select **Administration**.
2. Select **Centralized Management** in the Administration tree.

3. Select **SolutionPacks** in the tree.
4. Select **SolutionPack Center**.
5. Select the SolutionPack for Storage Compliance in the **Browse and Install SolutionPacks** screen.
6. Click **Install**.

The steps below assume a typical four VM deployment.

7. In the **Compliance Notifications** field of the **Select the components to install** window, select the Primary Backend host.
8. In **Compliance Backend**, select the Primary Backend host.
9. In **Compliance Reports**, select the Frontend host.
10. In the **Alerting Web-Service Instance** of the **Compliance Notifications** window, select the Primary Backend host.
11. In the APG WebService (WS) Details section of the **Compliance Backend** window, select the Frontend host and provide the port number (default 58080) and credentials to access the Frontend Web portal.
12. In the **Breach Notification Details** section, select the Primary Backend host.
13. In the **Administration Web-Service Instance** field of the **Reports** window, select the Frontend host.
14. Click **Install**.

The SolutionPack installation begins.

15. Click **Ok** once installation is complete.

Performance data will displayed in about an hour.

Post-installation configuration

This topic describes any required or suggested configuration for the SolutionPack . After installing the SolutionPack you have to restart specific services.

Procedure

1. To restart the tomcat service:
 - a. Go to `/OPT/APG/bin`
 - b. Run the command `./manage-modules.sh service restart tomcat instance-name`
2. To restart the backend service:
 - a. Navigate to **Administration > Centralized Management > Physical View** and select the host on which the backend is installed.
 - b. Select backend.

The backend service details view appears.
 - c. Click **Restart**.
3. If you reset the web service password, then you have to reconfigure the Storage Compliance SolutionPack as follows:
 - a. Navigate to **Administration > Centralized Management > SolutionPacks > Storage Compliance**.

- b. Click  to reconfigure the Compliance Backend SolutionPackBlock instance.
- c. Type the new password in the web service details section.
- d. Click **Reconfigure**.
- e. Restart the tomcat service.

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