

Modifying Custom Attribute String Value Mappings

If you use custom attributes in the vulnerability risk score equation, there is a good chance that these custom attributes will have string values, such as “yes” and “no” for PCI. Because the vulnerability risk score equation requires numerical values, these string values must be mapped to numerical values. The Vulnerability Risk Score Entity Criticality Factor Attribute Mappings file provides a way to do this.

The Vulnerability Risk Score Entity Criticality Factor Attribute Mappings file allows you to assign numerical values to string values. It has the following four columns:

- String number, which is the string number in the spreadsheet. Since there can be a maximum of 4 strings, then the string number should not exceed 4. If criticality is being used in the Entity Criticality Factor, then there can be a maximum of 3 strings.
- String value, such as “yes” or “no”. This is the attribute value that will appear in the RiskVision user interface.
- Integer value that equates with each string value, such as 1 or 2. This will be the number used to calculate the Entity Criticality Factor for entities when the entity’s string has that value.
- User friendly name, such as PCI, DEV_STATUS, or INTERNET_FACING. Typically, this would be the label associated with the custom attribute location. You can use any name you would like for this field since the field exists for your convenience, and is not used in the risk score calculation or the RiskVision user interface. RiskVision recommends that you use the name that appears for the field in the RiskVision user interface.
- Number of the custom string attribute that represents this attribute. In the below example, String1 is used for PCI, String3 for DEV STATUS, and String 7 for INTERNET_FACING.

Following is an example of some values that you might populate in the CSV file:

	A	B	C	D	E
1	STRING1	Yes	2	PCI	String1
2	STRING1	No	1	PCI	String1
3	STRING2	Production	2	DEV_STATUS	String3
4	STRING2	Developmen	1	DEV_STATUS	String3
5	STRING3	Yes	2	INTERNET_FACING	String7
6	STRING3	No	1	INTERNET_FACING	String7

The maximum character length for the above fields is 20 characters. All fields are case-insensitive.


Obtaining the Files

You can download the files two files from the **Administration** module in the **Server Administration > Documentation** tab, they are as follows:

1. Vulnerability Risk Score Entity Criticality Factor Formula Definition
2. Vulnerability Risk Score Entity Criticality Factor Attribute Mapping

Server Administration External Authentication Login Integration Notifications Connectors

Server Administration



Information
Configuration
Commands
Support
Health Report
Documentation >
About

- 4 RiskVision Compliance Manager User's Guide
- ? RiskVision Enterprise Risk Manager User's Guide
- ? RiskVision Incident Manager User's Guide
- ? RiskVision Policy Manager User's Guide
- ? RiskVision Threat and Vulnerability Manager User's Guide
- ? RiskVision Vendor Risk Manager User's Guide
- ? RiskVision Administrator's Guide
- ? RiskVision Questionnaire Responder's Guide
- ? RiskVision Installation and Configuration Guide
- ? RiskVision Upgrade Guide
- ? RiskVision Release Notes
- ? RiskVision Analytics Guide

Sample templates

- ? Entity Import Template
- ? User Import Template
- ? Finding Import Template
- ? Incident Import Template
- ? Control Import Template
- ? Risk Assessment Import Template
- ? Entity Relationship Import Template
- ? Vulnerability Risk Score Entity Criticality Factor Formula Definition
- ? Vulnerability Risk Score Entity Criticality Factor Attribute Mappings

Uploading Files


To have the settings in the CSV files take effect, you will need to upload the files in the Administrator application. It is important not to change the names of the CSV files. Before uploading, verify that the names of the files are as follows:

- Vulnerability Risk Score Entity Criticality Factor Formula Definition
- Vulnerability Risk Score Entity Criticality Factor Attribute Mappings

Administration Users Events

Server Administration External Authentication Login Integration Notifications Conn

Server Administration



Information
Configuration
Commands >
Support
Health Report
Documentation
About

▼ Maintenance

Release memory on the server.

▼ Configuration

Reload the server configuration.

▼ Import

Import vulnerability references

Import Exploits

Import vulnerability risk score configuration

Import custom attributes mapping

Import entity formula definition

▼ Search

Vulnerability Risk Score Calculator Job

Vulnerability risk score calculations are updated when the Vulnerability Risk Score Calculator job runs. By default, the job is set to run once per day at 11:00 PM. You can run the job more frequently. The job only recalculates risk scores for entities whose vulnerabilities or relevant entity attributes have changed, but RiskVision recommends first testing the performance impact of the job in your environment if you decide to run it multiple times per day.

Administration Users Events

Server Administration External Authentication Login Integration Notifications Connectors Email Templates Queued Jobs R6 Report Status **Scheduled Jobs** Document Repository About this page

Scheduled Jobs

1-1 of 1

Details Delete Run Activate Deactivate

Filter by Job Name

<input type="checkbox"/>	Active	System	Job Group	Job Name	Next Execution	Description
<input type="checkbox"/>	✓	✓	System Jobs	Vulnerability Risk Score Calculator	2016-12-23 12:30:00	Vulnerability Risk Score Calculator

For Vulnerability Risk Factor processing, the property changes to pickup different score system or enhanced score gets picked up during next job run. However, new system will be applicable only to the vulnerabilities/instances changed after the property change. In this case there will be a mix of scores from old and new system.

If you want to apply change of score system throughout the application, then the Vulnerability Risk Score Initiator job will refresh the scores and re-calculate everything based on new score system.

Scheduled Jobs

1-1 of 1

Details Delete Run Activate Deactivate

Filter by - Show all - Refresh

<input type="checkbox"/>	Active	System	Job Group	Job Name	Next Execution	Description
<input type="checkbox"/>	✓	✓	System Jobs	Vulnerability Risk Score Initiator	2017-01-01 16:30:00	Vulnerability Risk Score Initiator