## **Security Risk Score**

Security risk score is derived from exposure and likelihood of risk and asset's criticality. In the assessment details, the security risk page of the charts tab displays the security risk score for an entity.

Assessment Details	Entity Details														
👆 Assessment: cpy1															
	▼ Security Risk Score		😪 Refresih												
	Risk scores as of: 14:15:11-08	3-2011													
and a second sec	Scoring Strategy: Sum of all score	Scoring Strategy: Sun of all accres above the threshold (currently set to 1)													
a second	Total Percentile		HIGH	10											
and the second s	Confidentiaity 22	4%		9											
General	integrity 78 💷	15%		8											
Summary	Avaiabilty 60 💷	12%		7											
Findings				6		1									
Control Results			IMPAG	:T5											
Responses				4				2		2					
Workflow				3		Z	2	1							
🗏 Charts				2		2									
Security Risk	→		LOW	1		1		1							
Trend Chart						1	2	3	4	5	6	7	89		
Data Feeds		LOW MEDIUM HIGH													
⊞ Logs		LIKELIHOOD													
Archives															
	Risks derived from entity con	pliance încidents													
	Threat	Vuinerability	risk	Confidentiality risk 9.24		Integrity risk 21.56				Availability			1	Мар	
	Unauthorized network or system access	Vieak third party controls	9.24						0.00				Controls Nap		
	Human error	Lack of documented incident management procedures	0.00			13.44				20.16				Controls Map	
	Application software failure	Lack of high availability of systems	0.00				8.	.40			12	60			Controls Map

Configure the following settings in .properties file to display the security risk score:

1. Set the following property to enable the security risk score:

com..risk.security.enabled=true

2. Specify an integer value in the following property to calculate the desired total percentile results for confidentiality, integrity and availability.

## com..risk.high.risk=

The total percentile is calculated as the percentage of confidentiality, integrity, or availability divided by the integer value specified in the com..risk.high.riskproperty.

[(confidentiality or integrity or availability)/com..risk.high.risk=]\*100

Where confidentiality, integrity and availability values are derived by aggregating the confidentiality risk, integrity risk and availability risk scores of risk(s) that are associated with an assessment.

When you finish configuring the properties, it is recommended to reload the server configuration within the **Commands** tab of **Administration** > **Server Administration** menu to reflect the changes.

Example:

If an assessment has three risks, with each risk having the confidentiality risks (5, 6, and 7), integrity risks (8, 9, and 10) and availability risks scores (11, 12, and 13), and com..risk.high.risk=300. In this case, the confidentiality is calculated by adding each risk's confidentiality risk score as:

5+6+7=18

and the total percentile value is calculated as:

(18/300)\*100 = 6