

## Creating An Ad Hoc Table Report

**Scenario:** As an Application Security Specialist at Guard First, you are given a task to prepare a table report that shows the number of vulnerabilities reported by scanners. To meet this report objective, you will need to use the 'Vulnerabilities (Instances)' domain.

The rest of this section provides the procedural steps that will help you create an Ad Hoc table report using the 'Vulnerabilities (Instances)' domain.

### To create a table report:

1. Go to **Analytics > Analytics and Reporting** to launch the **JasperReports** Server.
2. On the **Create** menu, click **Ad Hoc View**.
3. The **Data Chooser**: Source dialog appears. Click the **Domains**, locate and select the **Vulnerabilities (Instances)** domain, and click **Choose Data**.

recommends selecting the data source as topic if you have previously created an ad hoc report using a domain and want to build a new report from the topic that you saved earlier.

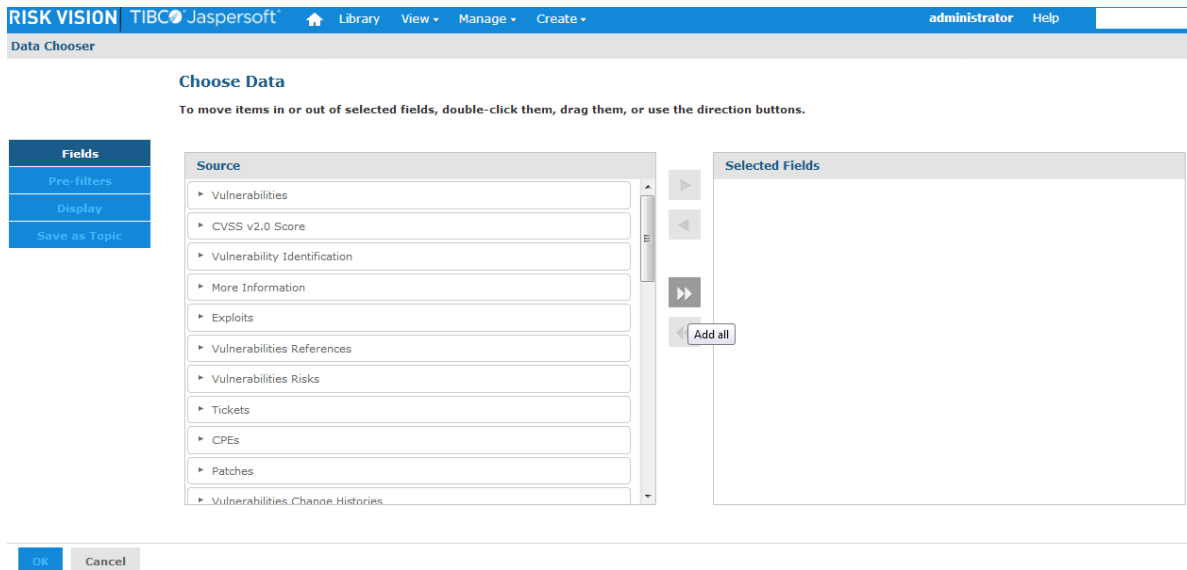
**Select Data**

Assessments  
Controls  
Data Feeds  
Entities  
Exceptions  
Findings  
Incidents  
Programs  
Risks  
Threats  
Tickets  
Users and Roles  
Vulnerabilities - Definitions  
Vulnerabilities - Inferred  
**Vulnerabilities - Instances**

Use this domain to report on vulnerability instances, attributes of entities and tickets linked to vulnerabilities, and vulnerability attributes.

**Choose Data...** **Cancel**

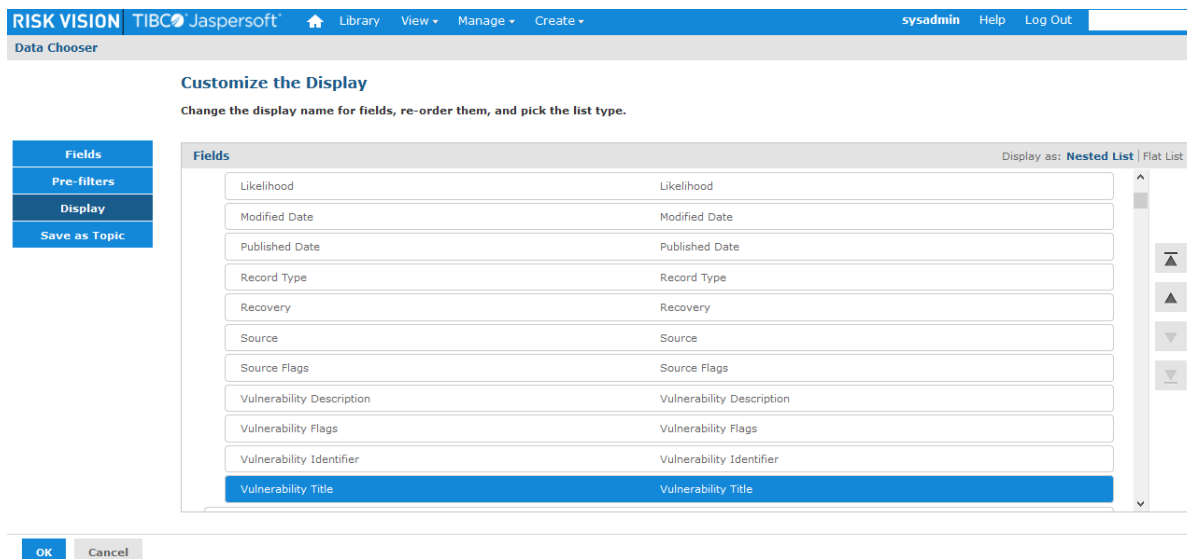
4. The **Data Chooser...** options appear when the **Fields** tab is selected. On the **Fields** tab, the **Source** box lists the tables present in the 'Vulnerabilities - Instances' domain. To select fields or tables, you can drag, double-click, or Ctrl-click and click > to move items to the **Selected Fields** box. Double-click the 'Entity' and 'Vulnerability' tables to move all fields from these two tables to the **Selected Fields** box.



- Optional. Click the **Pre-filters** tab to create a filter using the selected fields. By creating a filter, you are restricting the data that appears in the report. To create a filter, expand a table, and double-click the field. After the field appears in the **Filters** pane, select the drop-down list next to the field to choose the type of operation, choose the field value, and click **OK**. Click **Cancel** to remove the filter.

You can create filters in the Report Editor.

- Optional. Click the **Display** tab to change the display name and list type for the fields, and to re-order them. To change the display name, double-click the field, and rename it. To re-order the field hierarchy, select the appropriate list type, and use up or down arrows to move up or down. Use arrows that are pointing to the horizontal line to move fields to the top or bottom.



- Click the **Save as Topic** tab to save the topic for later use. Enter 'GF\_Vulnerability\_Data' in the Name field (required) for the topic, optionally enter description in the **Description** field, and click **Browse** to choose a location in the repository where the topic will be saved for reuse. By default, the topic will be saved to the `\adhoc\topics` location in the repository.

### Save Topic

Save this topic for later use.

Fields

Pre-filters

Display

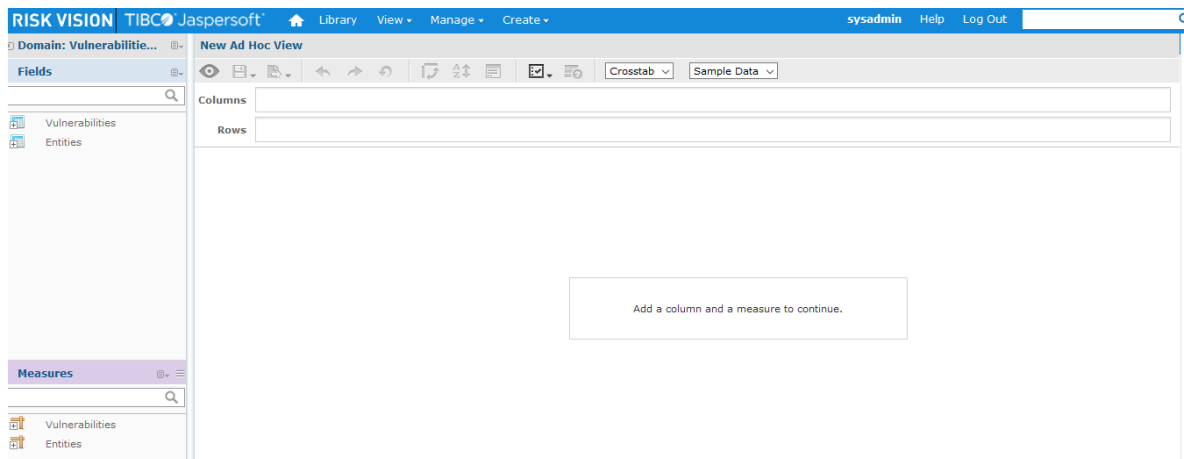
Save as Topic

Name (required):

Description:

Save location:

8. After specifying all the details on the tabs, click **Table**.
9. The **Ad Hoc Editor** appears. In the **Fields** pane, expand the tables, and ctrl-click the fields: **Title, Identifier, Source, Cvss Score, Default Severity, Modified Date, and Published Date** to drag them into the **Columns** layout band. To select a field, you can also right-click the field, and choose **Add as Group** or **Add as Column**. Whenever you add field(s), the JasperReports Server simultaneously updates the data in the report.



10. Select **Full Data** in the drop-down list to view the entire data in ad hoc editor. Now that you have added the fields, the unformatted report appears as:

GF\_VulnerabilitiesfromScanners\_View

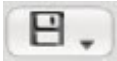
Table Sample Data

Columns: Identifier Title Source Cvss Score Default Severity Published Date Modified Date

Groups

Click to add a title

Identifier	Title	Source	Cvss Score	Default Severity	Published Date
864	NetBIOS NBTSTAT -A	Foundstone	3.30	Low	Jun 7, 2013
1022	Microsoft SQL Server UDP 1434 Database Instance TCP Information Disclosure	Foundstone	5.00	Low	Jun 7, 2013
1858	Web Server Supports Outdated SSLv2 Protocol	Foundstone	5.00	Medium	Jun 7, 2013
1859	Web Server Supports Weak SSL Encryption Certificates	Foundstone	5.00	Medium	Jun 7, 2013
6360	IETF X.509 Certificate Signature Collision Vulnerability	Foundstone	5.00	Medium	Jun 7, 2013
4082	DNS Cache Snooping Vulnerability (2588513) TLS-SSL Server Blockwise	Foundstone	5.00	Low	Jun 7, 2013

- Click the  icon and choose **Save Ad Hoc View and Create Report**. In the **Save Ad Hoc View and Create Report** dialog, enter 'GF\_VulnerabilitiesfromScanners' in the **Data View (required)** field and enter a name in **Report Name (required)** field.