

Get More Done with BigFix BigFix Inventory and Tagging

Scenario Demo Handout

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Scenario 1

Scenario 1 – Controlled Software – Oracle Java Auditing Features

Go to Reports menu > Software Components report (under Catalog section) and filter software by name.

The screenshot shows the 'Configure View' dialog in the BigFix Inventory application. The dialog is used to configure the 'Software Components' report. It includes the following sections:

- Filters:** A dropdown menu for 'Name' is set to 'contains', and the filter value is 'Oracle Java Auditing'. There are buttons to delete or add more conditions.
- Columns:** A list of columns with checkboxes. Selected columns include: Publisher, Name, Vulnerability Risk (Preview), and Total Signatures. Other columns like Description, Creation, Modification, Component Definition Source, and Predefined End of Support are not selected.
- Options:** The 'Autosize Columns' checkbox is checked.

At the bottom of the dialog are 'Submit' and 'Cancel' buttons. In the background, a table of software components is visible, showing columns for 'Vulnerability Risk (...)' and 'Total Signatures' with values like 'Signatures: 2' and 'Signatures: 4'.

Scenario 1 – Controlled Software – Oracle Java Auditing Features

For selected components add tags and **control** value (option available under Edit menu).

The screenshot shows the BigFix Inventory interface. At the top, there is a navigation bar with 'BigFix Inventory', 'Reports', and 'Management' menus. The main heading is 'Software Components', with a breadcrumb trail: 'Publishers > Software Products > Software Versions > Software Releases > Software Components'. Below this is a toolbar with a '(Base Report)' dropdown, an 'Edit' button, '3 / 3 rows (filtered)', 'Export', and 'Configure' options. A table lists software components with columns for Publisher, Name, Version, Component Tags, End of Support, Vulnerability Risk, and Total Signatures. Three rows are visible, all with 'Oracle' as the publisher and 'control' as the component tag. An 'Add Tags' dialog box is open in the foreground, containing a text input field with 'control' entered and a list of suggestions below it. The dialog has 'Add Tags' and 'Cancel' buttons at the bottom.

<input checked="" type="checkbox"/>	Publisher	Name	Version	Component Tags	End of Support	Vulnerability Risk (...)	Total Signatures
<input checked="" type="checkbox"/>	Oracle	Oracle Java Auditing - Advanced Management Console Agent Evidence	N/A	control	<not set>		Signatures: 2
<input checked="" type="checkbox"/>	Oracle	Oracle Java Auditing - Flight Recorder Feature Evidence	N/A	control	<not set>		Signatures: 2
<input checked="" type="checkbox"/>	Oracle	Oracle Java Auditing - Usage Tracker Feature Evidence	N/A	control	<not set>		Signatures: 4

Add Tags

List tags that you want to add for the selected software components.

- control
- control

Scenario 1 – Controlled Software – Oracle Java Auditing Features

Click on *Oracle Reports* in dashboard, open *Oracle Java Inventory* report and filter it by Computer Groups different than Research & Development Department as in our example other departments require special control. Select also tags related columns and hide those columns not required for review.

The screenshot displays the BigFix Inventory 'Software Classification' report configuration. The main table shows 8 rows of filtered data with columns: Name, Cluster Cores, Total Run Ti..., Last Used, and Details. The 'Configure View' dialog is open, showing filters for Component Name (equal to JDK/SDK, begins with Oracle Java Auditing), Publisher (in set Oracle, Sun), and Computer Groups (not in set Research & Development D). The 'Columns' dialog is also open, showing a list of columns to be displayed or hidden, including Publisher Name, Component Name, Component Version, Component Detailed Version, End of Support, Vulnerability Risk (Preview), Component Creation, Component Modification, Component Definition Source, Instance Tags, Component Tags, Suppressed, Shared, Always Not Charged, From Software Template, Installation Path, Discovery Start, Discovery End, Present, Details, Product Publisher Name, Product Name, Product Version, Metric, FlexPoint or Cloud Pak Bundle, Entitled, IBM-provided Bundling Option, One to One, Confirmed, Excluded, Comment, Bundling Tag Used, and Installed Post Number.



Scenario 1 – Controlled Software – Oracle Java Auditing Features

Add instance tags **rejected/approved** to those rows with **control** value in Component Tags column. Leave one row without instance tag intentionally to quickly define e-mail notifications in the next step.

The screenshot shows the BigFix Inventory 'Software Classification' page. The interface includes a top navigation bar with 'BigFix Inventory', 'Reports', and 'Management' menus. Below the navigation is a title 'Software Classification' and a toolbar with actions like 'Assign', 'Exclude', 'Confirm', and 'Edit'. A filter dropdown is set to 'Oracle Java Inventory', and the table shows '8 rows (filtered)'. The table columns are: Publisher Name, Component Name, Component Ver..., Component..., Metric, Computer Name, Installation Path, Instance Tags, Component T..., and Details. The 'Instance Tags' column contains 'rejected', 'approved', and empty cells. The 'Component T...' column contains 'control' for several rows.

<input type="checkbox"/>	Publisher Name	Component Name	Component Ver...	Compone...	Metric	Computer Name	Installation Path	Instance Tags	Component T...	Details
<input type="checkbox"/>	Oracle	Oracle Java Auditing - Flight Recorder Feature Evidence	N/A	N/A	Install Seats	BFI-DEMO-WIN-057	C:\Users\Administ...	rejected	control	DETAILS >
<input type="checkbox"/>	Oracle	Oracle Java Auditing - Flight Recorder Feature Evidence	N/A	N/A	Install Seats	BFI-DEMO-WIN-047	C:\Users\Administ...	approved	control	DETAILS >
<input type="checkbox"/>	Oracle	Java Runtime Environment	8.0	1.8.0_144	Install Seats	BFI-DEMO-WIN-187	C:\Java80_demo5...			DETAILS >
<input type="checkbox"/>	Oracle	Java Runtime Environment	8.0	1.8.0_231....	Install Seats	BFI-DEMO-WIN-187	C:\cygwin64\home...			DETAILS >
<input type="checkbox"/>	Oracle	Java Runtime Environment	11.0	11.0_231....	Install Seats	BFI-DEMO-WIN-187	C:\cygwin64\home...			DETAILS >
<input type="checkbox"/>	Oracle	Java Runtime Environment	10.0	10.0_231....	Install Seats	BFI-DEMO-WIN-187	C:\cygwin64\home...			DETAILS >
<input type="checkbox"/>	Oracle	Oracle Java Auditing - Usage Tracker Feature Evidence	N/A	N/A	Install Seats	BFI-DEMO-WIN-057	C:\Program Files\J...		control	DETAILS >
<input type="checkbox"/>	Oracle	Java Runtime Environment	9.0	9.0_231.d...	Install Seats	BFI-DEMO-WIN-187	C:\cygwin64\home...			DETAILS >

Scenario 1 – Controlled Software – Oracle Java Auditing Features

Extend filter to find those software instances that require control and are without instance tags.

The screenshot shows the 'Configure View' dialog in BigFix Inventory. The main window displays a 'Software Classification' table with columns for 'Publisher Name' and 'Component Name'. The 'Configure View' dialog is open, showing a list of filters:

- Component Name: begins with Oracle Java Auditing
- Any of...
- Publisher: in set (includes Oracle, Sun)
- Computer Groups: not in set (includes Research & Development D)
- Instance Tags: is empty
- Component Tags: contains control

The 'Component Tags' filter is highlighted with a red box. The dialog includes 'Submit' and 'Cancel' buttons at the bottom.

Tags	Component T...	Details
	control	DETAILS >
	control	DETAILS >
		DETAILS >
	control	DETAILS >
		DETAILS >

Scenario 1 – Controlled Software – Oracle Java Auditing Features

Verify results and save as custom report (under Configure) to schedule e-mail notifications (under Export).

The screenshot shows the BigFix Inventory interface. At the top, there is a navigation bar with 'BigFix Inventory', 'Reports', and 'Management' menus. On the right, there are icons for a list, email, information, and user profile. Below this is the 'Software Classification' section. A toolbar contains 'Assign', 'Exclude', 'Confirm', and 'Edit' actions. A dropdown menu shows 'Oracle Java Inventory' and '1 row (filtered)'. Below the toolbar is a table with the following data:

<input type="checkbox"/>	Publisher Name	Component Name	Component Ver...	Compone...	Metric	Computer Name	Installation Path	Instance Tags	Component T...	Details
<input type="checkbox"/>	Oracle	Oracle Java Auditing - Usage Tracker Feature Evidence	N/A	N/A	Install Seats	BFI-DEMO-WIN-057	C:\Program Files\J...		control	DETAILS >

Two modal windows are open:

- Save Report As:** A dialog box with a text input field containing 'Control Oracle Java Auditing Features'. Below the input are three checkboxes: 'Private', 'Set as default', and 'Set as global default'. A 'Create' button is at the bottom right.
- Schedule Export:** A dialog box for scheduling reports. It includes:
 - Report Subscription
 - Format*: PDF
 - Page Size: Letter
 - Orientation: Portrait, Landscape
 - Email*: my_email@mycompany.com
 - Language*: English
 - Email on a regular basis:
 - Start Time: 06/19/2022 03:37PM
 - Frequency: Daily
 - Every: 1 day(s)
 - Email if the number of rows exceeds: 0A 'Save' button is at the bottom right.

Scenario 2

Scenario 2 - SAM team splits responsibility – IBM MQ and IBM DB2

Go to Reports menu > Software Components report (under Catalog section) and filter by name for software that is under John's responsibility. Use IBM WebSphere MQ Server as an example.

The screenshot shows the BigFix Inventory interface. The top navigation bar includes 'BigFix Inventory', 'Reports', and 'Management'. The main content area is titled 'Software Components' and shows a breadcrumb trail: 'Publishers > Software Products > Software Version'. A table with columns 'Publisher' and 'Name' is visible, listing 'IBM' as the publisher for 'IBM WebSphere MQ Server'. A 'Configure View' dialog box is open, allowing users to filter and configure the report. The 'Filters' section shows a condition: 'Name contains IBM WebSphere MQ Server'. The 'Columns' section has checkboxes for various fields, with 'Publisher', 'Name', 'Version', 'Component Tags', 'End of Support', 'Predefined End of Support', 'Vulnerability Risk (Preview)', and 'Total Signatures' selected. The 'Submit' and 'Cancel' buttons are at the bottom of the dialog. In the background, a table shows 'Total Signatures' for the filtered items, with a value of 3.

Scenario 2 - SAM team splits responsibility – IBM MQ and IBM DB2

Assign John as responsible SAM person, using Add Tags option, to IBM WebSphere MQ Server and optionally to other MQ components. Note: If number of rows is less than 100 then action for all rows at once can be executed.

The screenshot shows the BigFix Inventory 'Software Components' page. A table lists various IBM MQ components. An 'Add Tags' dialog box is open, showing a search for 'John' and a selection of 'John (New)'. The table has columns for Publisher, Name, Version, Component Tags, End of Support, Vulnerability Risk, and Total Signatures.

✓	Publisher	Name	Version	Component Tags	End of Support	Vulnerability Risk (Prev...)	Total Signatures
✓	IBM	IBM MQ				CVE-2020-4310,...	Signatures: 14
✓	IBM	IBM MQ				CVE-2020-4310,...	Signatures: 12
✓	IBM	IBM MQ					Signatures: 10
✓	IBM	IBM MQ_Advanced					Signatures: 12
✓	IBM	IBM MQ_Advanced					Signatures: 6
✓	IBM	IBM MQ_Advanced					Signatures: 10
✓	IBM	IBM MQ_Advanced for Developers (Non Warranted)	9.0		<not set>		Signatures: 4
✓	IBM	IBM MQ_Advanced for Developers (Non-Warranted)	9.0		<not set>		Signatures: 10
✓	IBM	IBM MQ_Advanced for Developers (Non-Warranted)	9.2		<not set>		Signatures: 10
✓	IBM	IBM MQ_Advanced for Developers (Non-Warranted)	9.1		<not set>		Signatures: 12
✓	IBM	IBM MQ_Advanced for Non-Production Environment	9.2		<not set>		Signatures: 0
✓	IBM	IBM MQ_Advanced for z/OS Value Unit Edition	9.0		<not set>		Signatures: 0
✓	IBM	IBM MQ_Advanced High Availability Replica	9.0		<not set>		Signatures: 2

Scenario 2 - SAM team splits responsibility – IBM MQ and IBM DB2

Verify is assignment is visible in Component Tags column.

The screenshot shows the BigFix Inventory interface for Software Components. The breadcrumb trail is: Publishers > Software Products > Software Versions > Software Releases > Software Components. The table displays 62 rows (filtered). The 'Component Tags' column for all listed IBM MQ versions contains the name 'john'.

<input checked="" type="checkbox"/>	Publisher	Name	Version	Component Tags	End of Support	Vulnerability Risk (Prev...)	Total Signatures
<input checked="" type="checkbox"/>	IBM	IBM MQ	9.1	john	<not set>	CVE-2020-4310,...	Signatures: 14
<input checked="" type="checkbox"/>	IBM	IBM MQ	9.0	john	<not set>	CVE-2020-4310,...	Signatures: 12
<input checked="" type="checkbox"/>	IBM	IBM MQ	9.2	john	<not set>		Signatures: 10
<input checked="" type="checkbox"/>	IBM	IBM MQ Advanced	9.1	john	<not set>		Signatures: 12
<input checked="" type="checkbox"/>	IBM	IBM MQ Advanced	9.0	john	09/30/2021		Signatures: 6
<input checked="" type="checkbox"/>	IBM	IBM MQ Advanced	9.2	john	<not set>		Signatures: 10
<input checked="" type="checkbox"/>	IBM	IBM MQ Advanced for Developers (Non Warranted)	9.0	john	<not set>		Signatures: 4
<input checked="" type="checkbox"/>	IBM	IBM MQ Advanced for Developers (Non-Warranted)	9.0	john	<not set>		Signatures: 10
<input checked="" type="checkbox"/>	IBM	IBM MQ Advanced for Developers (Non-Warranted)	9.2	john	<not set>		Signatures: 10
<input checked="" type="checkbox"/>	IBM	IBM MQ Advanced for Developers (Non-Warranted)	9.1	john	<not set>		Signatures: 12
<input checked="" type="checkbox"/>	IBM	IBM MQ Advanced for Non-Production Environment	9.2	john	<not set>		Signatures: 0
<input checked="" type="checkbox"/>	IBM	IBM MQ Advanced for z/OS Value Unit Edition	9.0	john	<not set>		Signatures: 0
<input checked="" type="checkbox"/>	IBM	IBM MQ Advanced High Availability Replica	9.0	john	<not set>		Signatures: 2

Scenario 2 - SAM team splits responsibility – IBM MQ and IBM DB2

Repeat previous steps for Ann and IBM DB2 with focus on PVU to limit options for this demo data.

Configure View

Filters

Specify the report filter which matches **all** of the following conditions:

- Name **begins with** IBM DB2
- Name **contains** PVU

Columns

Select All

Software Component

- Publisher
- Name
- Version
- Component Tags
- End of Support
- Predefined End of Support
- Vulnerability Risk (Preview)
- Description
- Creation
- Modification
- Component Definition Source
- Total Signatures

Options

Additional Columns

Submit Cancel

Publisher	Name	Version	End of Support	Vulnerability Risk (Pre...)	Total Signatures
IBM	IBM DB2 Advanced Enterprise	11.5	<not set>		Signatures: 0
IBM	IBM DB2 Advanced Enterprise	11.5	04/30/2022		Signatures: 1
IBM	IBM DB2 Advanced Enterprise	11.5	04/30/2022		Signatures: 3
IBM	IBM DB2 Advanced Enterprise	11.5	04/30/2022		Signatures: 2
IBM	IBM DB2 Advanced Workgroup	11.5	04/30/2022		Signatures: 1
IBM	IBM DB2 Advanced Workgroup	11.5	04/30/2022		Signatures: 0
IBM	IBM DB2 Advanced Workgroup	11.5	04/30/2022		Signatures: 2
IBM	IBM DB2 Advanced Workgroup	11.5	04/30/2022		Signatures: 2
IBM	IBM DB2 AESE Edition PVU fo	11.5	04/30/2022		Signatures: 2
IBM	IBM DB2 AESE Edition PVU fo	11.5	04/30/2022		Signatures: 2
IBM	IBM DB2 AWSE Edition PVU fo	11.5	04/30/2022		Signatures: 2
IBM	IBM DB2 AWSE Edition PVU fo	11.5	04/30/2022		Signatures: 2
IBM	IBM DB2 Enterprise Server Edition PVU Option	11.5	04/30/2022		Signatures: 3
IBM	IBM DB2 Enterprise Server Edition PVU Option	11.1	04/30/2022		Signatures: 0

Scenario 2 - SAM team splits responsibility – IBM MQ and IBM DB2

Assign Ann using Add Tags option and verify is assignment is visible in Component Tags column.

The screenshot shows the BigFix Inventory interface. At the top, there are navigation tabs for 'Reports' and 'Management'. The main heading is 'Software Components' with a notification 'Number of updated components: 22.'. Below the heading is a breadcrumb trail: 'Publishers > Software Products > Software Versions > Software Releases > Software Components'. A toolbar shows '(Base Report)', 'Edit', '22 / 22 rows (filtered)', 'Export', and 'Configure'. The table below lists various IBM DB2 components, all of which have 'ann' assigned in the 'Component Tags' column. The 'Total Signatures' column shows the number of signatures for each component.

<input checked="" type="checkbox"/>	Publisher	Name	Version	Component Tags	End of Support	Vulnerability Risk (Pre...	Total Signatures
<input checked="" type="checkbox"/>	IBM	IBM DB2 Advanced Enterprise Server Edition PVU Option	11.1	ann	04/30/2022	CVE-2018-1426,...	Signatures: 0
<input checked="" type="checkbox"/>	IBM	IBM DB2 Advanced Enterprise Server Edition PVU Option	10.5	ann	04/30/2020	CVE-2018-1426,...	Signatures: 1
<input checked="" type="checkbox"/>	IBM	IBM DB2 Advanced Enterprise Server Edition PVU Option	9.7	ann	09/30/2017	CVE-2010-3193,...	Signatures: 3
<input checked="" type="checkbox"/>	IBM	IBM DB2 Advanced Enterprise Server Edition PVU Option	11.5	ann	<not set>	CVE-2012-3324,...	Signatures: 2
<input checked="" type="checkbox"/>	IBM	IBM DB2 Advanced Workgroup Server Edition PVU Option	10.5	ann	04/30/2020	CVE-2018-1426,...	Signatures: 1
<input checked="" type="checkbox"/>	IBM	IBM DB2 Advanced Workgroup Server Edition PVU Option	11.1	ann	04/30/2022	CVE-2018-1426,...	Signatures: 0
<input checked="" type="checkbox"/>	IBM	IBM DB2 Advanced Workgroup Server Edition PVU Option	11.5	ann	<not set>	CVE-2012-3324,...	Signatures: 2
<input checked="" type="checkbox"/>	IBM	IBM DB2 AESE Edition PVU for Non-Prod	11.1	ann	04/30/2022	CVE-2018-1426,...	Signatures: 2
<input checked="" type="checkbox"/>	IBM	IBM DB2 AESE Edition PVU for Non-Prod	11.5	ann	<not set>	CVE-2012-3324,...	Signatures: 2
<input checked="" type="checkbox"/>	IBM	IBM DB2 AWSE Edition PVU for Non-Prod	11.1	ann	04/30/2022	CVE-2018-1426,...	Signatures: 2
<input checked="" type="checkbox"/>	IBM	IBM DB2 AWSE Edition PVU for Non-Prod	11.5	ann	<not set>	CVE-2012-3324,...	Signatures: 2
<input checked="" type="checkbox"/>	IBM	IBM DB2 Enterprise Server Edition PVU Option	11.5	ann	<not set>	CVE-2012-3324,...	Signatures: 3
<input checked="" type="checkbox"/>	IBM	IBM DB2 Enterprise Server Edition PVU Option	11.1	ann	04/30/2022	CVE-2018-1426,...	Signatures: 0

Scenario 2 - SAM team splits responsibility – IBM MQ and IBM DB2

Click *IBM Reports* in dashboard and select *IBM Software Only* predefined report. Then modify filter to focus on PVU and those components with component tags defined. Enable Tags column.

The screenshot displays the BigFix Inventory Reports Management interface. The 'Software Classification' report is selected, showing 204 rows (filtered). The 'Configure View' dialog is open, allowing for filter configuration. The filters are set to 'all' of the following conditions:

- Publisher: IBM
- Metric: PVU
- Component Tags: is not empty

The main table lists software components with the following columns: Component Name, Product Name, Metric, Computer Name, and Installation Path. The table includes entries for IBM InfoSphere DataStage and QualityStage Designer, IBM DB2 OEM Limited Use, IBM DB2 Workgroup Server Edition OEM Limited Use, IBM Maximo for Life Sciences FCT - Runtime Server, Sterling Business Intelligence, IBM License Metric Tool and Tivoli Asset Discovery for..., IBM Sametime Standard, IBM Developer Kit for Java, IBM Tivoli Asset Discovery for Distributed - Server, and IBM Analytics Accelerator Framework for Wireless CSP.



Scenario 2 - SAM team splits responsibility – IBM MQ and IBM DB2

Verify if classification was confirmed by Ann and John.

Optionally enable e-mail notification for their action.

<input type="checkbox"/>	Component Name	Compon...	Product Name	Metric	Computer Na...	Installation Path	Details	Component Tags	Confirmed
<input type="checkbox"/>	IBM DB2 Enterprise Server Edition PVU Opti...	11.5	IBM DB2 Enterprise Server Edition PVU Option	PVU	BFI-DEMO-WI...	C:\Program Files\IBM\db2\V11.5\properties...	DETAIL...	ann	No
<input type="checkbox"/>	IBM WebSphere MQ Server	7.5	IBM MQ	PVU	BFI-DEMO-WI...	D:\workspace\removed_stuff\demo2\resour...	DETAIL...	john	No
<input type="checkbox"/>	IBM WebSphere MQ Server	7.5	IBM MQ	PVU	BFI-DEMO-WI...	D:\workspace\removed_stuff\demo3\resour...	DETAIL...	john	No
<input type="checkbox"/>	IBM WebSphere MQ Server	7.5	IBM MQ	PVU	BFI-DEMO-WI...	D:\workspace\data\sta\resources\svt\031_...	DETAIL...	john	No
<input type="checkbox"/>	IBM WebSphere MQ Server	7.5	IBM MQ	PVU	BFI-DEMO-WI...	D:\workspace\data\demo3\resources\acce...	DETAIL...	john	No
<input type="checkbox"/>	IBM WebSphere MQ Server	7.5	IBM MQ	PVU	BFI-DEMO-WI...	D:\demo-data\demo1\sta\resources\svt\sig...	DETAIL...	john	No
<input type="checkbox"/>	IBM WebSphere MQ Server	7.5	IBM MQ	PVU	BFI-DEMO-WI...	D:\demo-data\resources\sta\resources\svt\...	DETAIL...	john	No
<input type="checkbox"/>	IBM WebSphere MQ Server	7.5	IBM MQ	PVU	BFI-DEMO-WI...	D:\demo\eclipse-codescanworkspace\demo...	DETAIL...	john	No
<input type="checkbox"/>	IBM WebSphere MQ Server	7.5	IBM MQ	PVU	BFI-DEMO-WI...	D:\demo\eclipse-codescanworkspace\demo...	DETAIL...	john	No
<input type="checkbox"/>	IBM WebSphere MQ Server	7.5	IBM MQ	PVU	BFI-DEMO-WI...	D:\repo\sta\resources\svt\031_software_re...	DETAIL...	john	No
<input type="checkbox"/>	IBM WebSphere MQ Server	7.5	IBM MQ	PVU	BFI-DEMO-WI...	D:\repo\demo2\resources\migration\iso_so...	DETAIL...	john	No
<input type="checkbox"/>	IBM WebSphere MQ Server	7.5	IBM MQ	PVU	BFI-DEMO-WI...	D:\data\demo3\resources\acceptance\iso_...	DETAIL...	john	No
<input type="checkbox"/>	IBM WebSphere MQ Server	7.5	IBM MQ	PVU	BFI-DEMO-WI...	D:\demo-data\resources\demo2\resources\...	DETAIL...	john	No
<input type="checkbox"/>	IBM WebSphere MQ Server	7.5	IBM MQ	PVU	BFI-DEMO-WI...	D:\demo-data\resources\demo3\resources\...	DETAIL...	john	No

