



## Prioritization Report using TruRisk Mode

Madhavi



The VMDR Prioritization Report can be used to quickly create patch jobs for high risk vulnerabilities. To begin building a Prioritization Report, from Qualys VMDR, click "**PRIORITIZATION**" at the top of the page.



# Prioritization Report using TruRisk Mode

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Qualys Cloud Platform

VMDR ▾

DASHBOARDVULNERABILITIESPRIORITIZATIONRESPONSESSCANSREPORTSREMEDIATIONASSETS KNOWLEDGEBASEUSERS

Hello Madhavi Borgaonkar -!

## Welcome to Qualys VMDR®

Discover, assess, prioritize, and patch critical vulnerabilities in real time and across your global hybrid-IT landscape all from a single solution.

[Learn more](#)

### Identify Assets

Continuously discover your IT assets that are on-prem, cloud, mobile, container, applications providing 100% real-time visibility

### Discover Vulnerabilities & Misconfigurations

Detect vulnerabilities with six-sigma accuracy and use CIS Benchmarks to uncover misconfigurations

### Prioritize Threats with TruRisk™

Use, TruRisk, real-time threat indicators, and machine learning to prioritize vulnerabilities with the highest risk

### Integrate with ITSM & Reduce MTTR

Remediate vulnerabilities prioritized using TruRisk, with automated ITSM workflows and effortlessly deploy the most relevant superseding patches.

### Configure Agents for VMDR

## Find all your IT assets

Discover, track and normalize asset information, including installed software and packages. Create dynamic tags, leveraging normalized data for grouping assets as and when they show up, based on intuitive rules.

[Manage Tags](#) [Visit Dashboard](#)

Supported OS



# Prioritization Report using TruRisk Mode

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On this page, click **Start Prioritizing** to begin creating a report.

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VMDR ▾ DASHBOARD VULNERABILITIES **PRIORITIZATION** RESPONSES SCANS REPORTS REMEDIATION ASSETS KNOWLEDGEBASE USERS

Prioritization Reports Threat Feed

Search reports...

3 Reports

☐ Actions (0) ▾ **Start Prioritizing** 1 - 3 of 3 ⏪ ⏩ ↺ ⚙

NAME	FORMAT	STATUS	CREATED ON	CREATED BY
TruRisk report	PDF	Completed	Aug 15, 2022 12:43 PM	quays2nj44
Report Exemple 02	PDF	Completed	Jul 7, 2022 10:52 PM	quays2pe79
Report Example 01	CSV	Completed	Jul 7, 2022 10:51 PM	quays2pe79



## Prioritization Report using TruRisk Mode

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Now, you have to select Asset Tags. Asset Tags help to add context to the assets, vulnerabilities, and patches to be prioritized. Click in the **Start Adding Asset Tags..** field.

Qualys Cloud Platform

←

### VMDR Prioritization

Prioritize your riskiest vulnerabilities on the most critical assets, reducing thousands of vulnerabilities to the few hundred that matter

#### Select Asset Tags

Start prioritization by selecting asset tags

Start Adding Asset Tags... →

What's next in the prioritization process?

↓



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For this example, we'll target assets with the **Cloud Agent** tag. Select the check box for the "**Cloud Agent**" Asset Tag...

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## VMDR Prioritization

Prioritize your riskiest vulnerabilities on the most critical assets, reducing thousands of vulnerabilities to the few hundred that matter

### Select Asset Tags

Start prioritization by selecting asset tags

Start Adding Asset Tags...

<input type="checkbox"/> Asset Groups	<input type="checkbox"/> Asset Search Tags	<input type="checkbox"/> Business Units	<input type="checkbox"/> Default Dashboard...
<input type="checkbox"/> EASM	<input type="checkbox"/> ICS_OCA	<input type="checkbox"/> Internet Facing A...	<input type="checkbox"/> Malware Domain As...
<input type="checkbox"/> OCA	<input type="checkbox"/> Passive Sensor	<input checked="" type="checkbox"/> Cloud Agent	<input type="checkbox"/> SEM
<input type="checkbox"/> Shodan	<input type="checkbox"/> Tag Set	<input type="checkbox"/> Unmanaged	<input type="checkbox"/> Cloud Environments



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...and click the "Arrow" to proceed.

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## VMDR Prioritization

Prioritize your riskiest vulnerabilities on the most critical assets, reducing thousands of vulnerabilities to the few hundred that matter

### Select Asset Tags

Start prioritization by selecting asset tags

Cloud Agent x

<input type="checkbox"/> Asset Groups	<input type="checkbox"/> Asset Search Tags	<input type="checkbox"/> Business Units	<input type="checkbox"/> Default Dashboard...
<input type="checkbox"/> EASM	<input type="checkbox"/> ICS_OCA	<input type="checkbox"/> Internet Facing A...	<input type="checkbox"/> Malware Domain As...
<input type="checkbox"/> OCA	<input type="checkbox"/> Passive Sensor	<input checked="" type="checkbox"/> Cloud Agent	<input type="checkbox"/> SEM
<input type="checkbox"/> Shodan	<input type="checkbox"/> Tag Set	<input type="checkbox"/> Unmanaged	<input type="checkbox"/> Cloud Environments

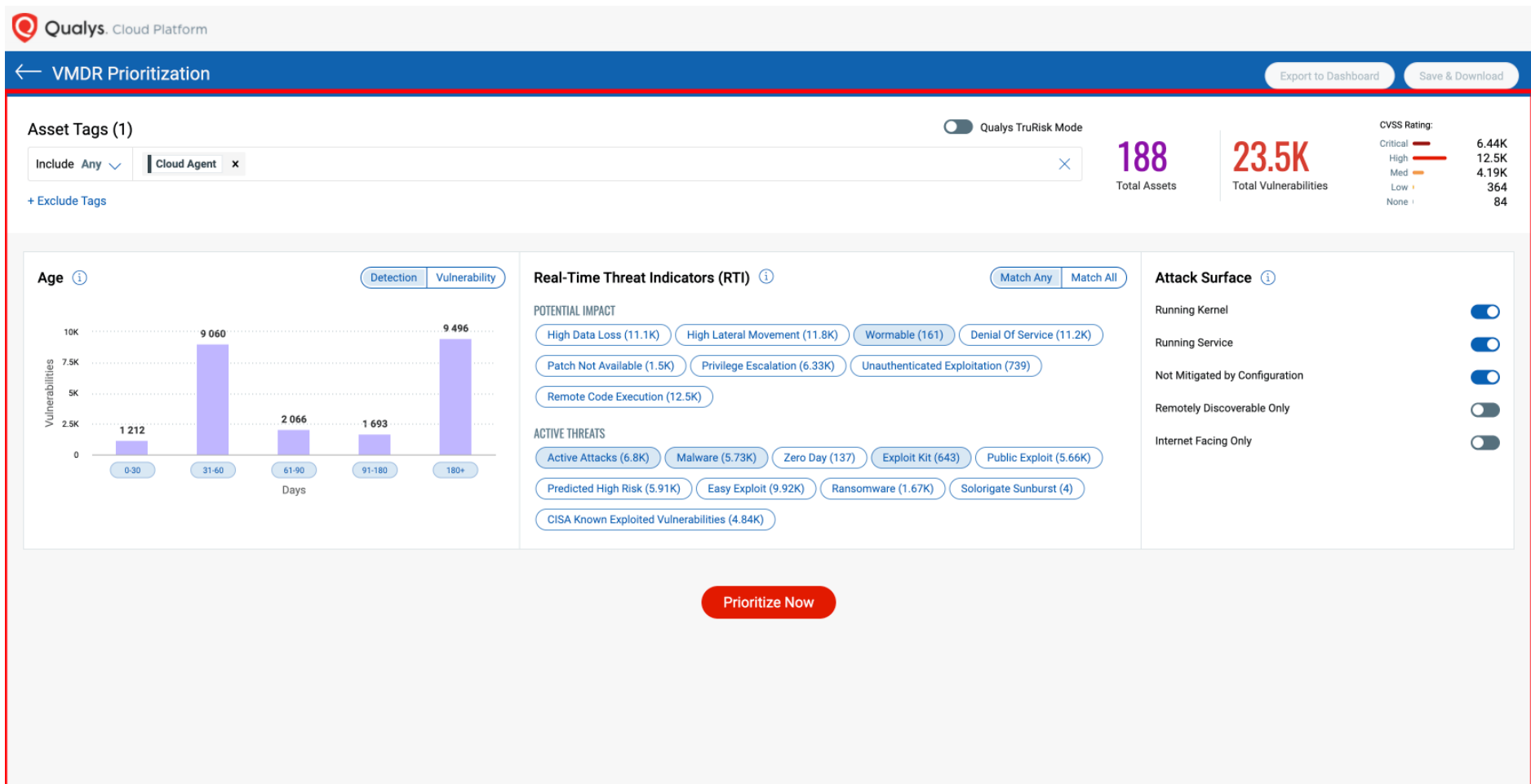


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Once you have selected one or more tags for asset context, the Prioritization Report provides priority options based on vulnerability Age, Real-Time Threat Indicators, and Attack Surface.

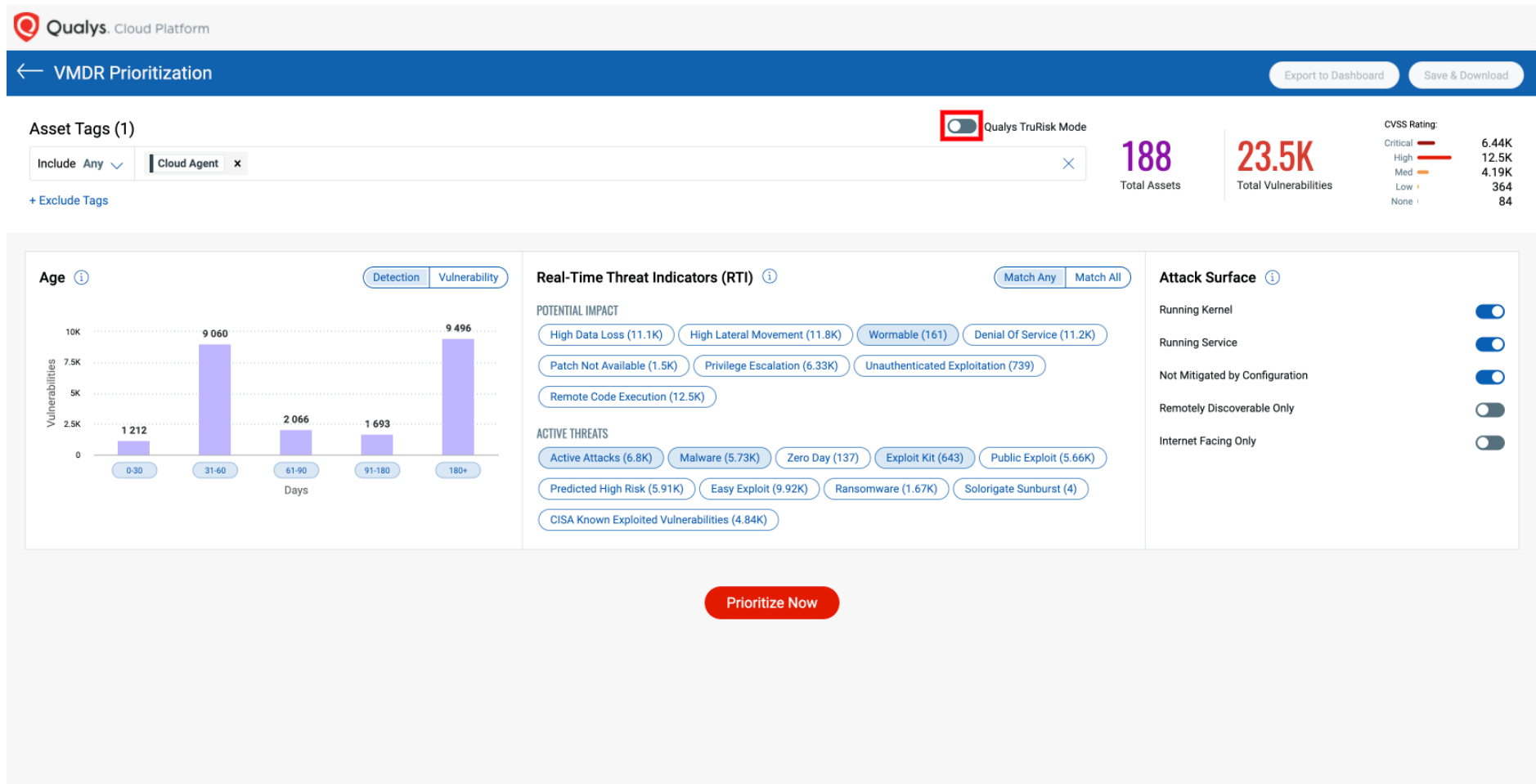




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To view the options for TruRisk, toggle the **Qualys TruRisk Mode** button.





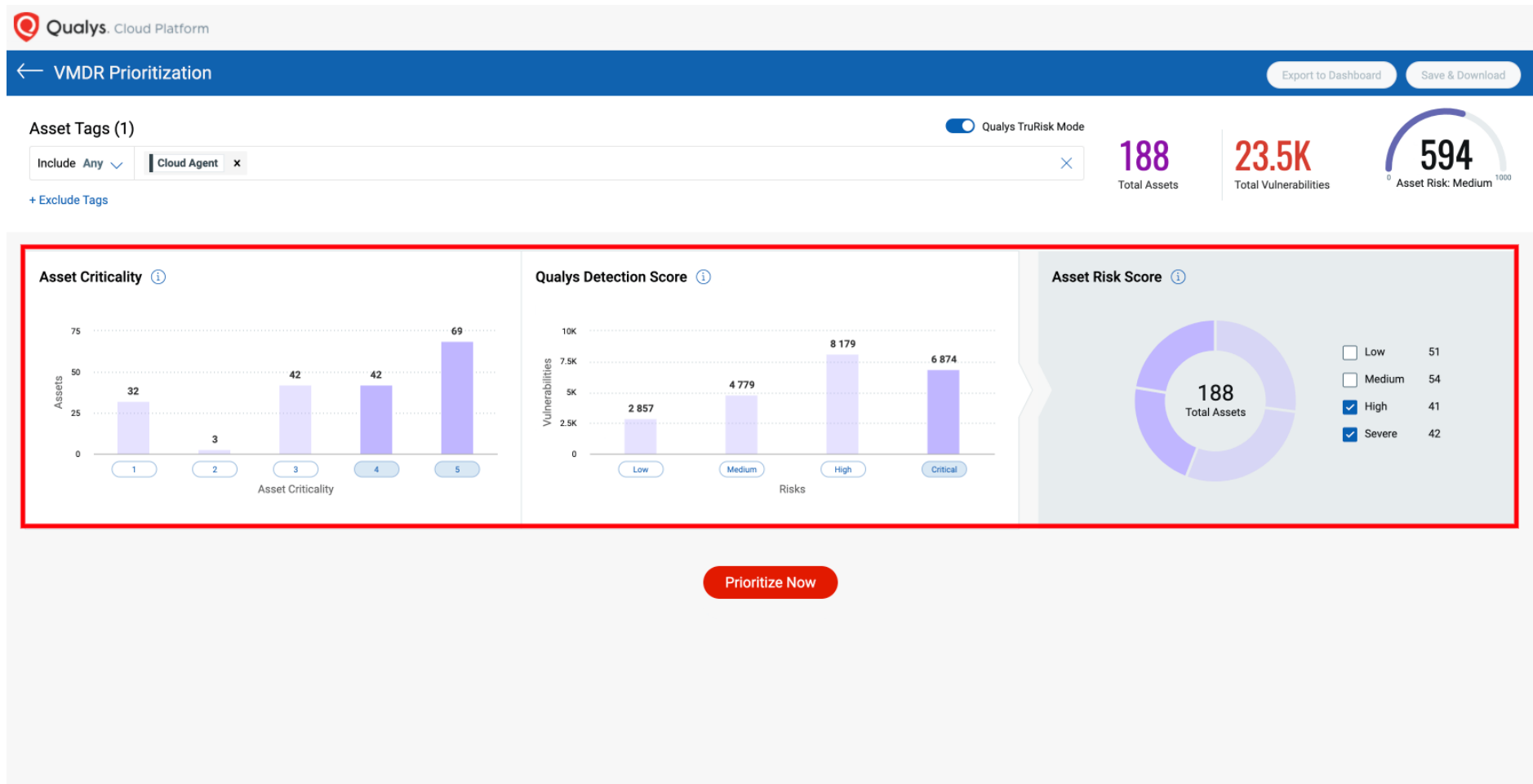


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The Asset Criticality, Qualys Detection Score, and Asset Risk Score options are displayed.



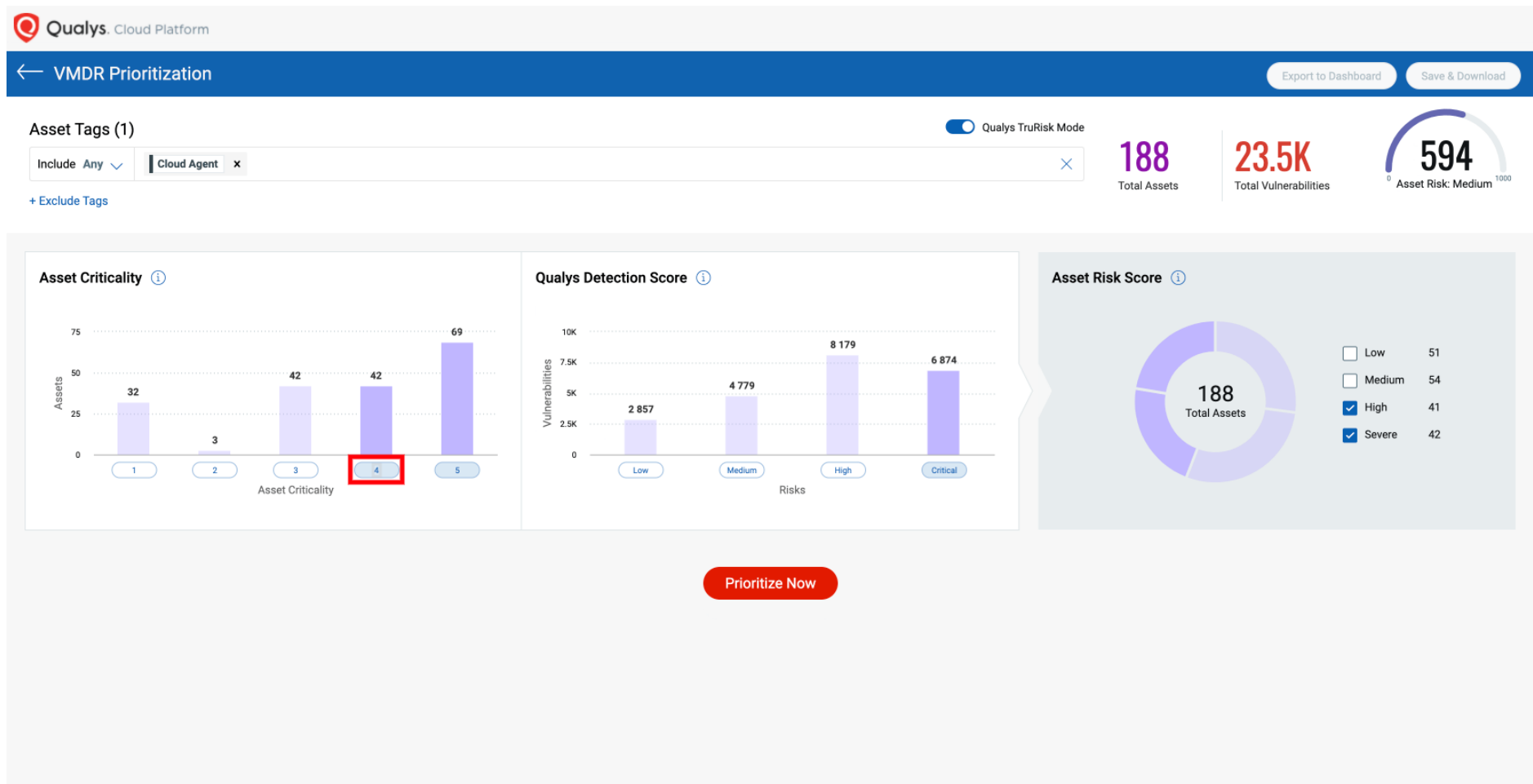


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In this example, we will consider the Asset Criticality score of 5 for the report. Click the score of 4 to deselect it.



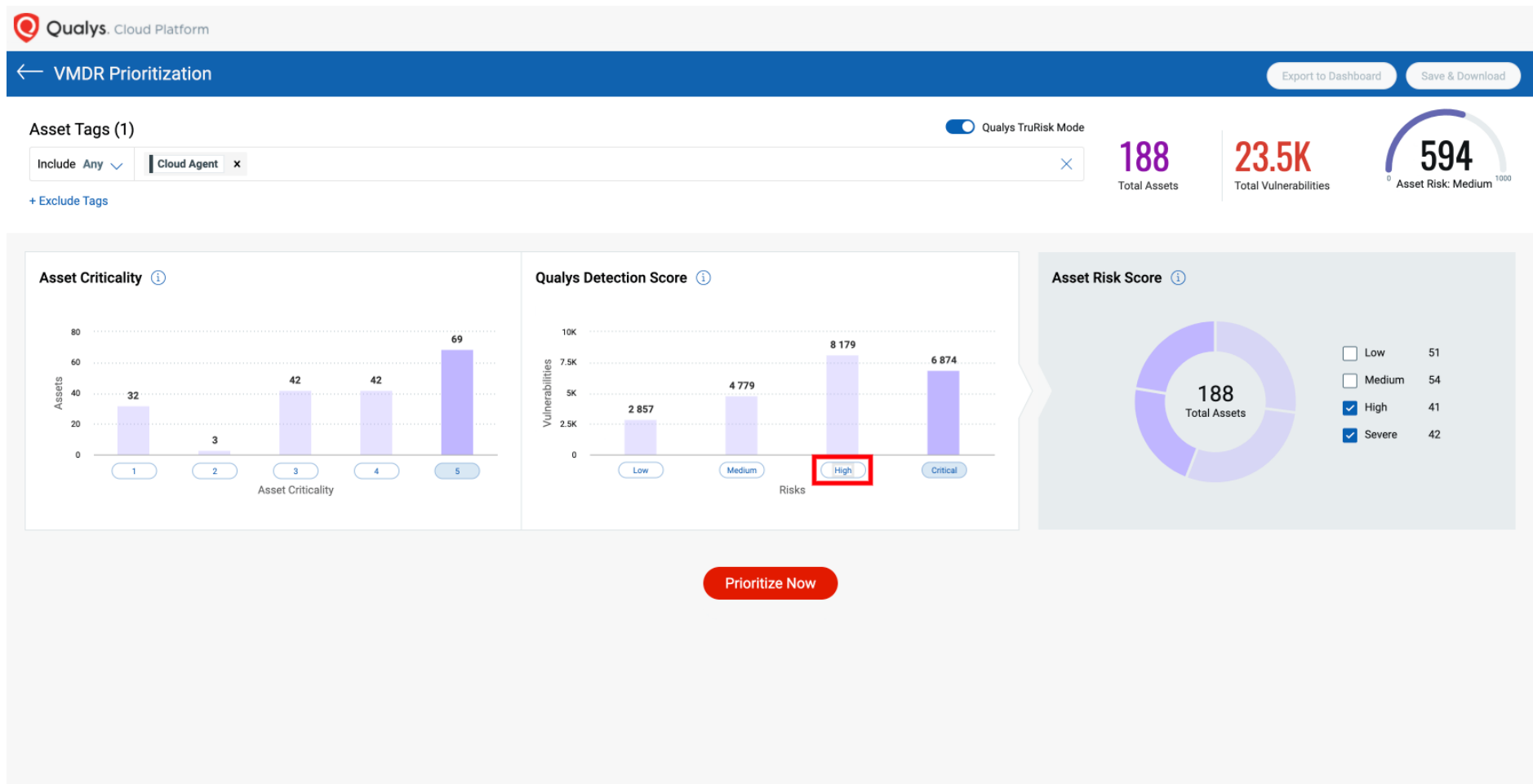


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Next, we'll consider a QDS of High and Critical. Critical is already selected, click **High** in the Qualys Detection Score widget.



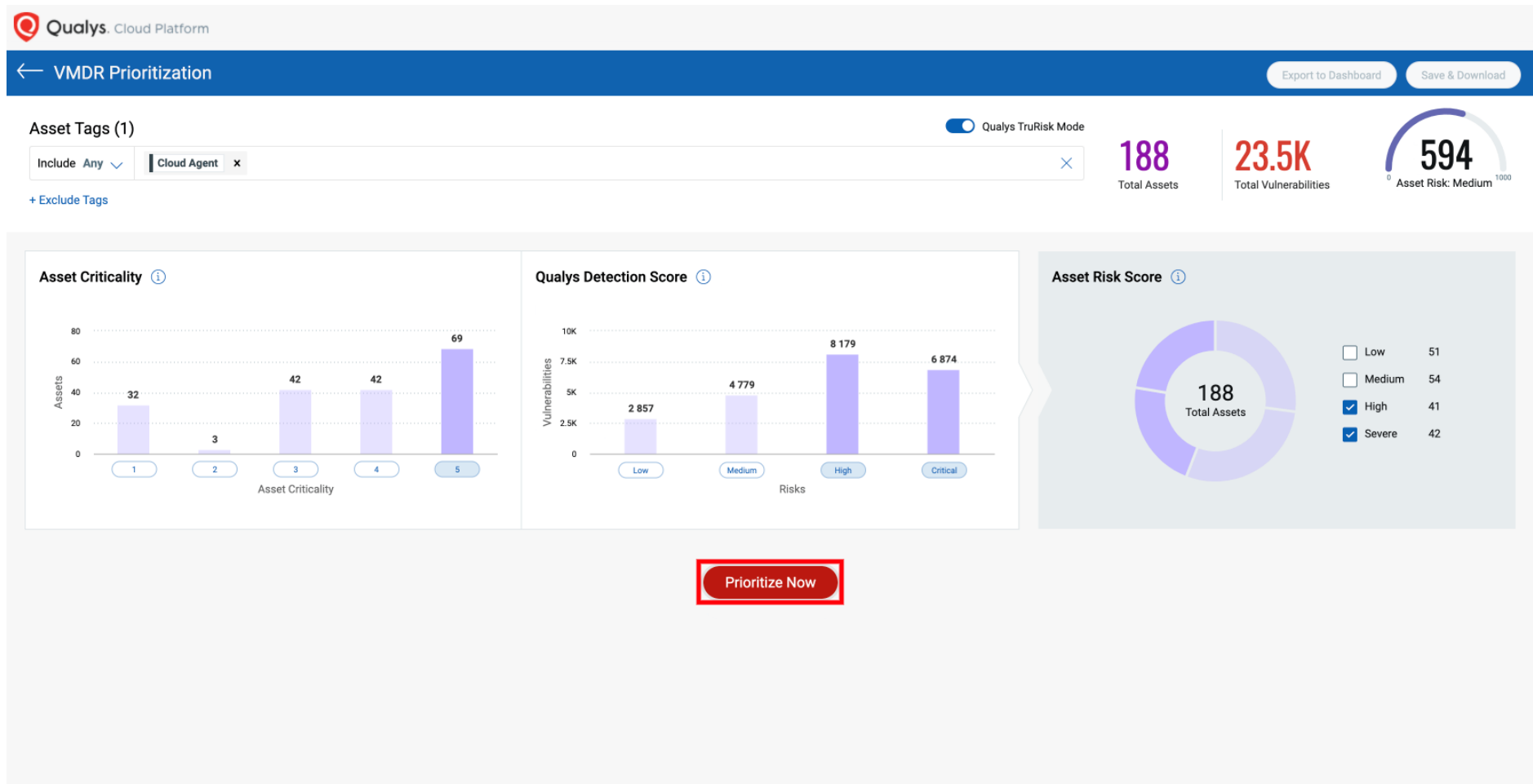


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After selecting the required options, click **Prioritize Now** to generate the report.



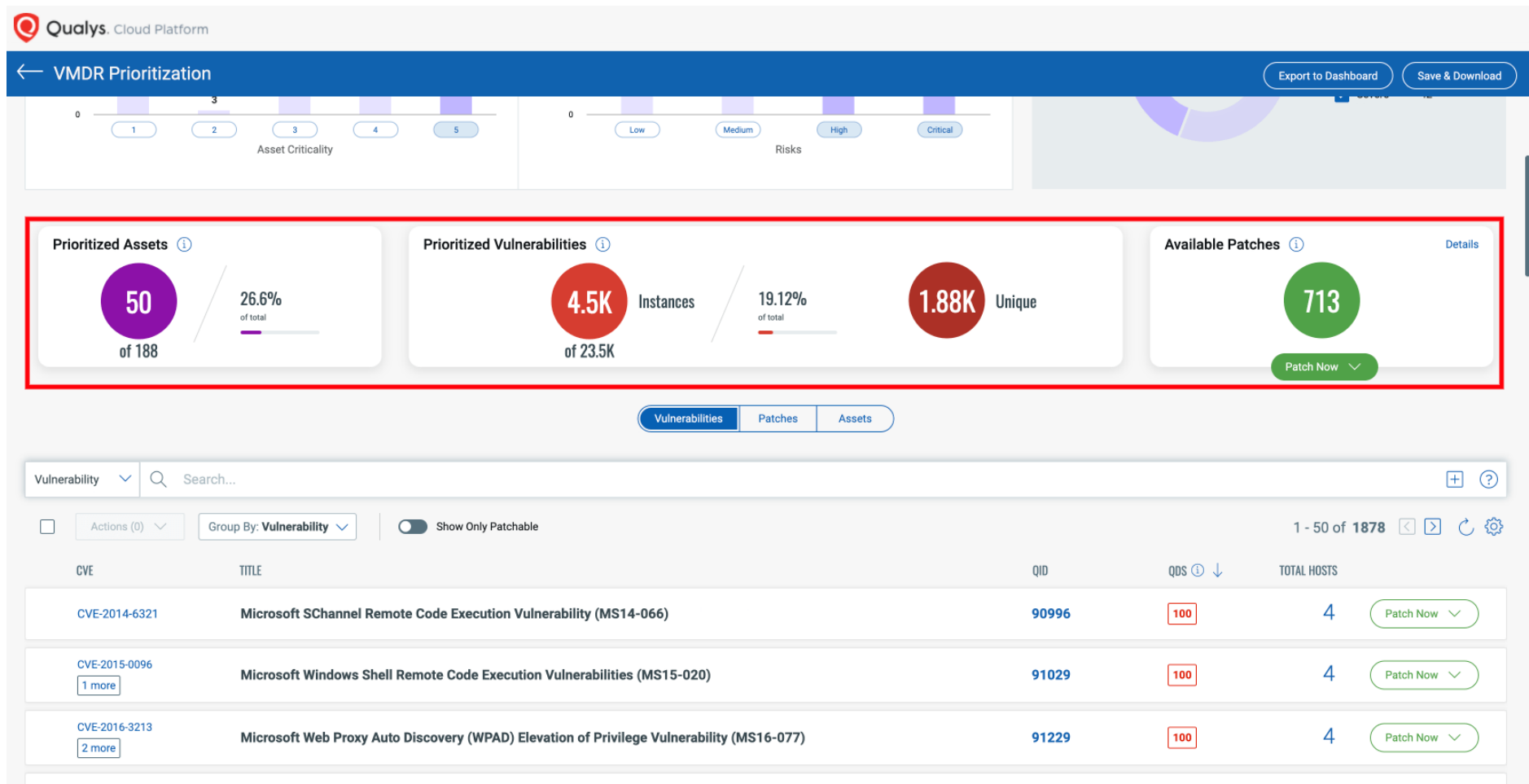


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The priority options are applied and all affected vulnerabilities that are listed. Changing any of the priority options, will immediately update the list of displayed vulnerabilities, patches, and assets.



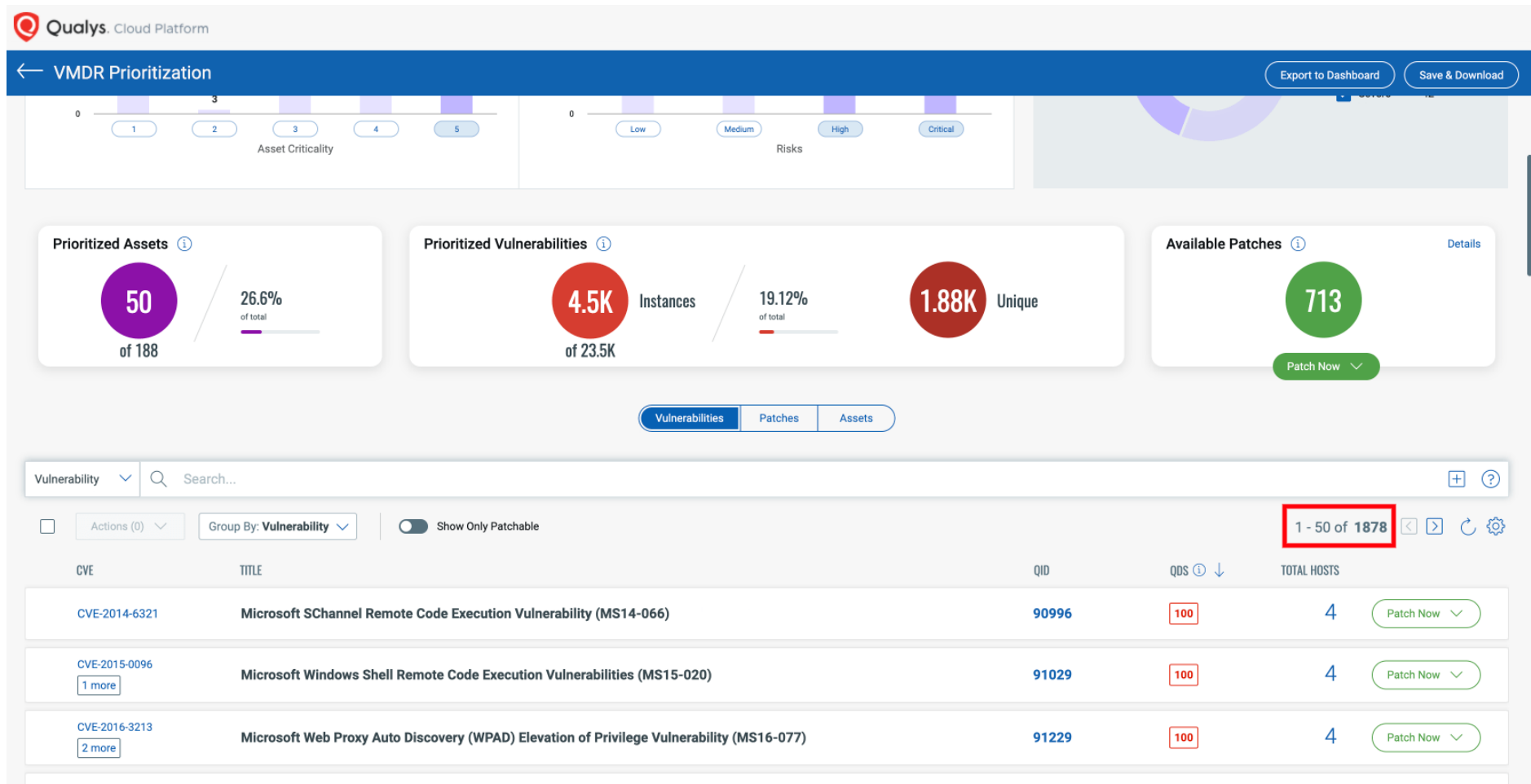


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Presently, 1878 unique vulnerabilities are listed.





## Prioritization Report using TruRisk Mode

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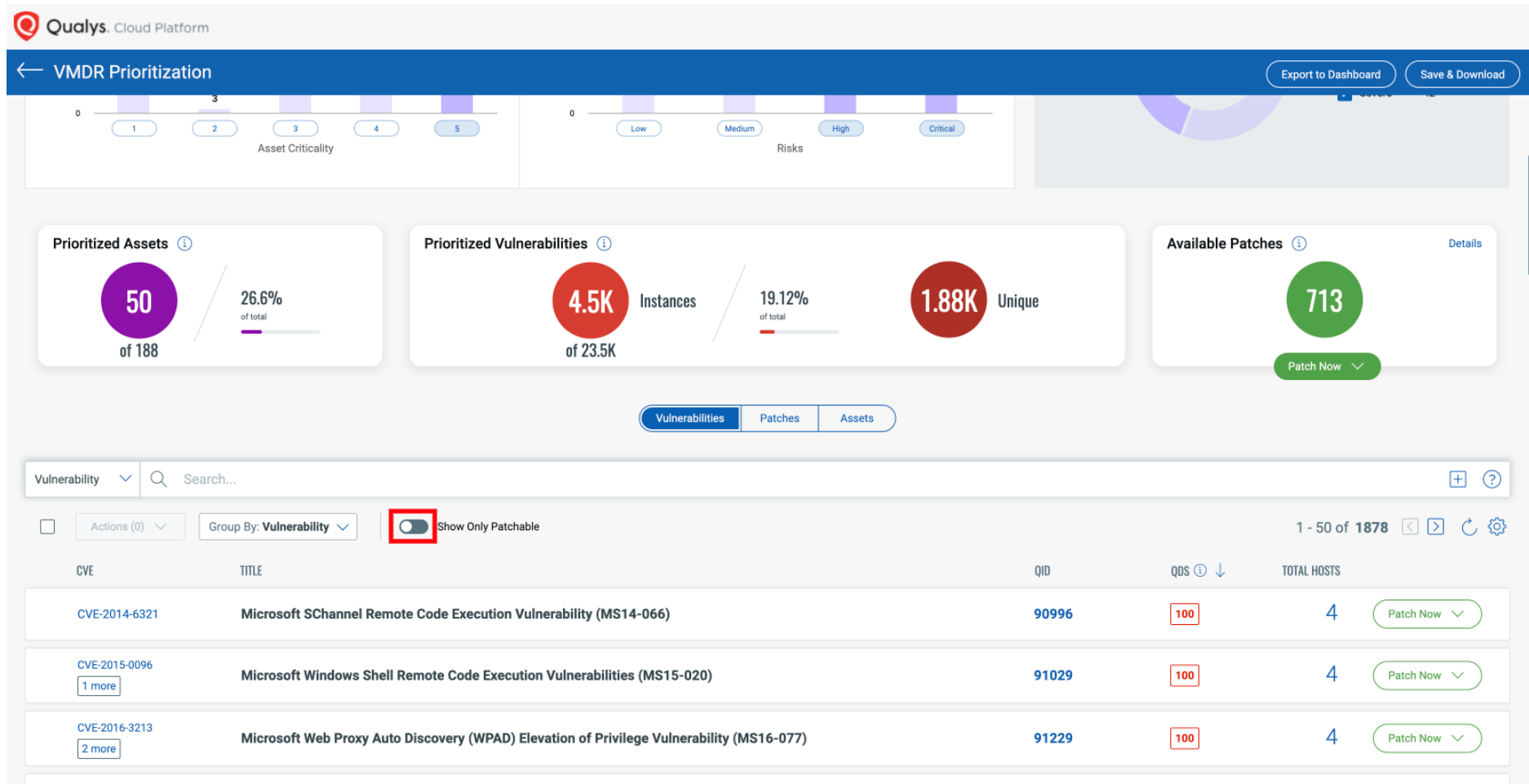


You can click the toggle-switch to "**Show Only Patchable**" vulnerabilities. It will display the vulnerabilities that were discovered on hosts running the Qualys Cloud Agent and the Patch Management module has been activated.



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## Prioritization Report using TruRisk Mode

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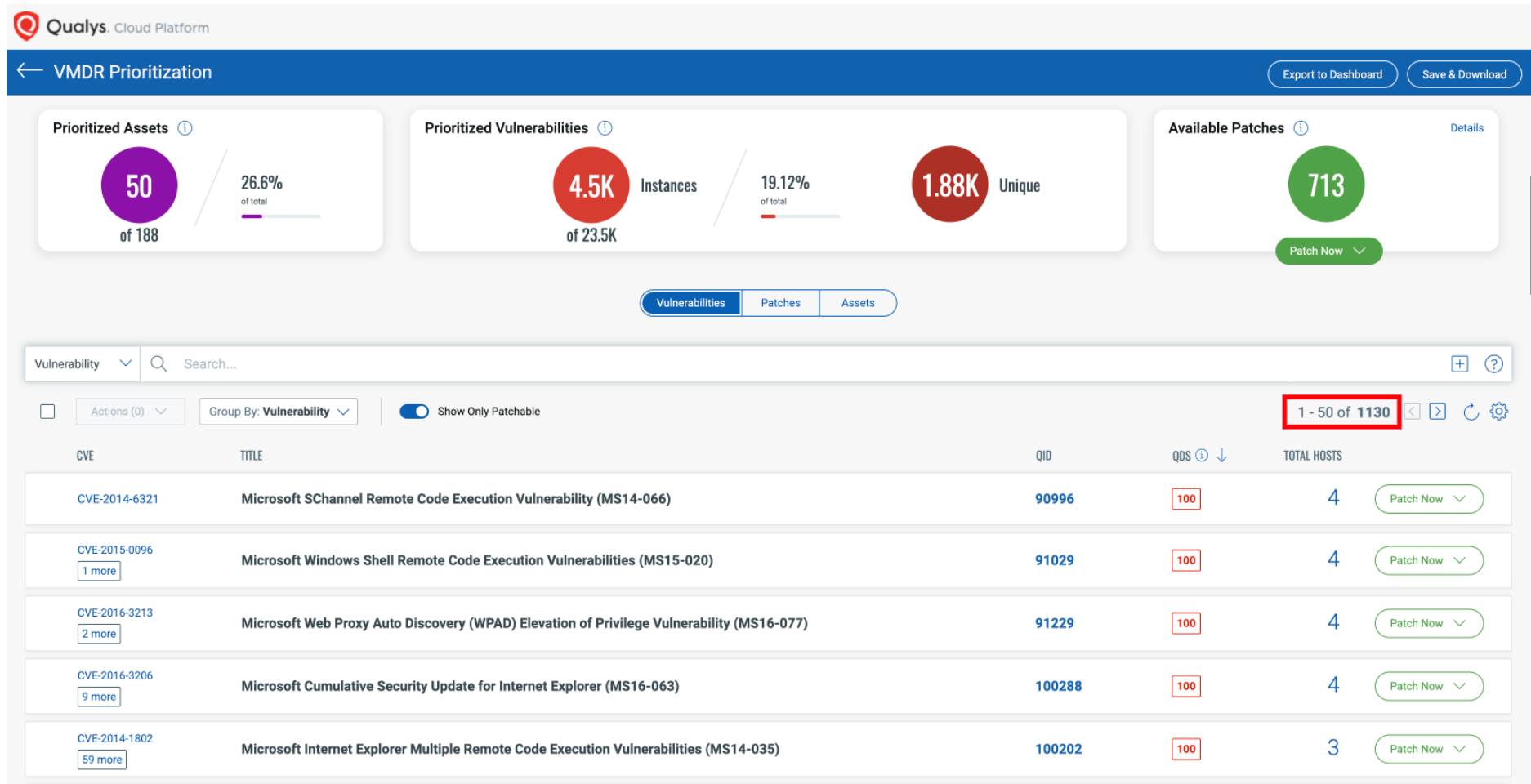


The report is now updated to display only vulnerabilities that are "Qualys Patchable." These vulnerabilities were discovered on hosts running the Qualys Cloud Agent and the Patch Management module has been activated.



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 Patches can be individually added to a new or existing patch job...

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← VMDR Prioritization Export to Dashboard Save & Download

**Prioritized Assets** ⓘ

50  
of 188

26.6%  
of total

**Prioritized Vulnerabilities** ⓘ

4.5K Instances  
of 23.5K

19.12%  
of total

1.88K Unique

**Available Patches** ⓘ Details

713

Patch Now ▾

Vulnerabilities Patches Assets

Vulnerability ▾ 🔍 Search... + ⓘ

☐ Actions (0) ▾ Group By: Vulnerability ▾ ☒ Show Only Patchable 1 - 50 of 1130 ⏪ ⏩ ↺ ⚙

CVE	TITLE	QID	QDS ⓘ ↓	TOTAL HOSTS
CVE-2014-6321	Microsoft SChannel Remote Code Execution Vulnerability (MS14-066)	90996	100	4
CVE-2015-0096 <span>1 more</span>	Microsoft Windows Shell Remote Code Execution Vulnerabilities (MS15-020)	91029	100	4
CVE-2016-3213 <span>2 more</span>	Microsoft Web Proxy Auto Discovery (WPAD) Elevation of Privilege Vulnerability (MS16-077)	91229	100	4
CVE-2016-3206 <span>9 more</span>	Microsoft Cumulative Security Update for Internet Explorer (MS16-063)	100288	100	4
CVE-2014-1802 <span>59 more</span>	Microsoft Internet Explorer Multiple Remote Code Execution Vulnerabilities (MS14-035)	100202	100	3

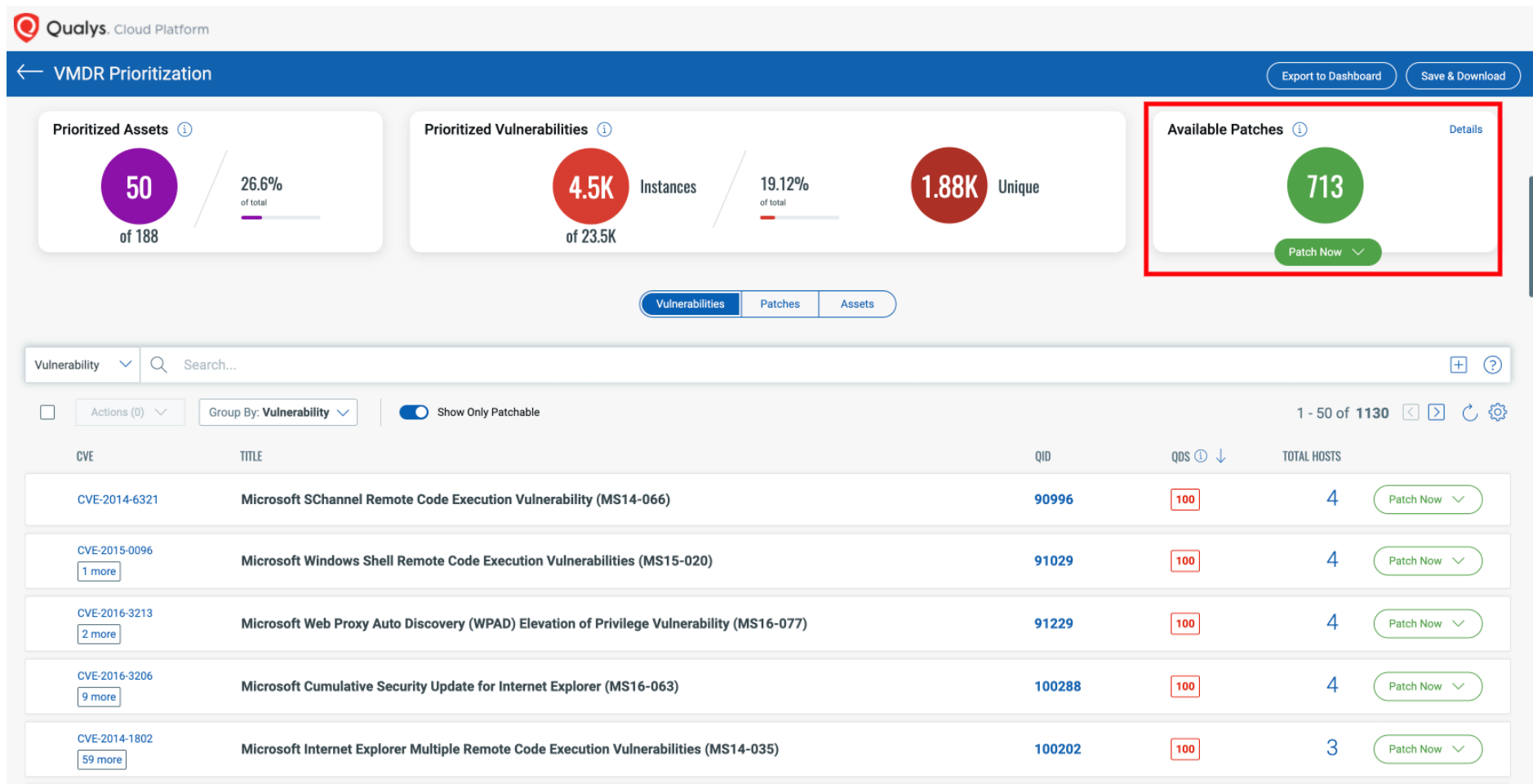


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...or you can deploy all available patches together. Later in this course, you'll perform another lab tutorial that will walk you through the steps to build a Patch Deployment Job.





# Prioritization Report using TruRisk Mode

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Any Prioritization Report can be exported to an existing dashboard as a widget. In the upper-right corner of this report, click the "Export to Dashboard" button.

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← VMDR Prioritization

Export to Dashboard Save & Download

**Prioritized Assets** ⓘ

50 of 188 26.6% of total

**Prioritized Vulnerabilities** ⓘ

4.5K Instances 1.88K Unique 19.12% of total

**Available Patches** ⓘ Details

713 Patch Now

Vulnerabilities Patches Assets

Vulnerability Search...

Actions (0) Group By: Vulnerability Show Only Patchable 1 - 50 of 1130

CVE	TITLE	QID	QDS ⓘ ↓	TOTAL HOSTS
CVE-2014-6321	Microsoft SChannel Remote Code Execution Vulnerability (MS14-066)	90996	100	4 Patch Now
CVE-2015-0096 1 more	Microsoft Windows Shell Remote Code Execution Vulnerabilities (MS15-020)	91029	100	4 Patch Now
CVE-2016-3213 2 more	Microsoft Web Proxy Auto Discovery (WPAD) Elevation of Privilege Vulnerability (MS16-077)	91229	100	4 Patch Now
CVE-2016-3206 9 more	Microsoft Cumulative Security Update for Internet Explorer (MS16-063)	100288	100	4 Patch Now
CVE-2014-1802 59 more	Microsoft Internet Explorer Multiple Remote Code Execution Vulnerabilities (MS14-035)	100202	100	3 Patch Now



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A pop-up window appears. Enter the required details. In this example, we'll name the dashboard as "**Qualys TruRisk Report**".

The screenshot shows the Qualys Cloud Platform VMDR Prioritization interface. A modal window titled "Export to Dashboard" is open, prompting the user to enter details for exporting the report as a widget. The modal includes a text input field for the name (highlighted with a red box), a "Select Dashboard" dropdown, and "Cancel" and "Export" buttons. The background interface displays various metrics and charts:

- Asset Tags (1):** Cloud Agent
- Qualys TruRisk Mode:** Enabled
- Summary Metrics:** 188 Total Assets, 23.5K Total Vulnerabilities, 594 Asset Risk: Medium
- Asset Criticality Chart:** A bar chart showing the distribution of assets across criticality levels. The data is as follows:

Criticality Level	Assets
1	32
2	3
3	42
4	42
- Prioritized Assets:** 50 of 188 (26.6% of total)
- Instances:** 4.5K of 23.5K
- Unique:** 1.88K
- Available Patches:** 713
- Risk Score Legend:**

Risk Score	Count
Low	51
Medium	54
High	41
Severe	42



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Click **Please Select Dashboard** dropdown. Scroll to select the required dashboard. In this example we'll select **Qualys TruRisk** from the dropdown.

The screenshot displays the Qualys Cloud Platform VMDR Prioritization interface. A modal titled "Export to Dashboard" is open, allowing users to save the report as a widget. The modal includes a text input for the report name, currently set to "Qualys TruRisk Prioritization Report" (14 characters remaining), and a dropdown menu for selecting a dashboard. The dropdown menu is open, showing a list of available dashboards, with "Please Select Dashboard" highlighted at the top. The background shows the prioritization report with various metrics: 188 Total Assets, 23.5K Total Vulnerabilities, and 594 Asset Risk (Medium). A bar chart shows Asset Criticality with values 32, 3, 42, and 42. A donut chart shows the Risk Score distribution: 188 Total Assets, with 51 Low, 54 Medium, 41 High, and 42 Severe. Other metrics include 50 Prioritized Assets (26.6% of total), 4.5K Instances (19.12% of total), 1.88K Unique, and 713 Available Patches.

Qualys Cloud Platform

← VMDR Prioritization

Export to Dashboard Save & Download

Asset Tags (1)

Include Any Cloud Agent x

+ Exclude Tags

Qualys TruRisk Mode

188 Total Assets

23.5K Total Vulnerabilities

594 Asset Risk: Medium

Asset Criticality

Assets

32 3 42 42

1 2 3 4

Asset Criticality

Prioritized Assets

50 of 188

26.6% of total

Prioritized Assets

4.5K Instances

19.12% of total

1.88K Unique

Available Patches

713

Patch Now

Vulnerabilities Patches Assets

Export to Dashboard

This will export the report as a widget in the selected dashboard.

Name \*

Qualys TruRisk Prioritization Report

14 characters remaining

Select Dashboard \*

Please Select Dashboard

\*Prioritization Dashboard

@ This Month in Vulns & Patches | 2022-07 July

@ This Month in Vulns & Patches | 2022-08 August

Alliant\_Dashboard

External Attack Surface Management

Low 51

Medium 54

High 41

Severe 42

188 Total Assets



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Now, click **Export**.

The screenshot displays the Qualys Cloud Platform VMDR Prioritization interface. A modal dialog titled "Export to Dashboard" is open, prompting the user to export the report as a widget. The dialog includes a "Name" field with the text "Qualys TruRisk Prioritization Report" and a "Select Dashboard" dropdown menu showing "QLYS-TruRisk". The "Export" button is highlighted with a red border. The background shows the report's summary and charts.

**Qualys Cloud Platform**

← VMDR Prioritization

Export to Dashboard Save & Download

Asset Tags (1)

Include Any Cloud Agent x

+ Exclude Tags

Qualys TruRisk Mode

188 Total Assets

23.5K Total Vulnerabilities

594 Asset Risk: Medium

Asset Criticality

Assets

Asset Criticality

Prioritized Assets

50 of 188

26.6% of total

4.5K Instances of 23.5K

19.12% of total

1.88K Unique

Available Patches

713

Patch Now

Vulnerabilities Patches Assets

**Export to Dashboard**

This will export the report as a widget in the selected dashboard.

Name \*

Qualys TruRisk Prioritization Report

14 characters remaining

Select Dashboard \*

QLYS-TruRisk

Cancel Export

Low 51

Medium 54

High 41

Severe 42

188 Total Assets

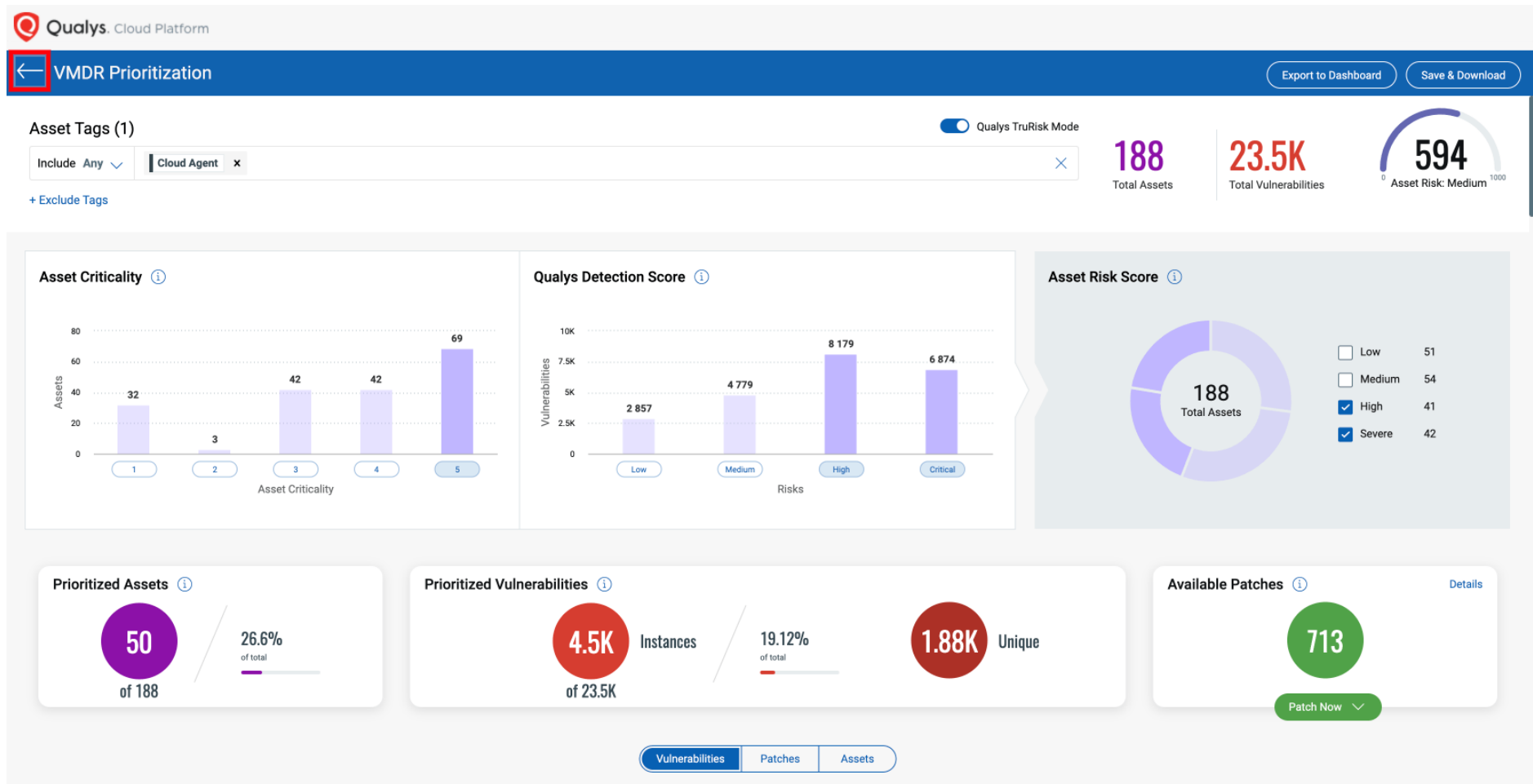




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To see the results, click the navigation arrow to leave this report...





# Prioritization Report using TruRisk Mode

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...and click **DASHBOARD** at the top of the page.

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VMDR ▼ **DASHBOARD** VULNERABILITIES **PRIORITIZATION** RESPONSES SCANS REPORTS REMEDIATION ASSETS KNOWLEDGEBASE USERS

Prioritization **Reports** Threat Feed

Search reports...

3 Reports

☐ Actions (0) ▼ **Start Prioritizing** 1 - 3 of 3 ◀ ▶ ↺ ⚙

NAME	FORMAT	STATUS	CREATED ON	CREATED BY
TruRisk report	PDF	Completed	Aug 15, 2022 12:43 PM	quays2nj44
Report Exemple 02	PDF	Completed	Jul 7, 2022 10:52 PM	quays2pe79
Report Example 01	CSV	Completed	Jul 7, 2022 10:51 PM	quays2pe79



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Once added to a dashboard, a "Prioritization Report" widget will be dynamically updated as conditions change. Clicking on this widget will reproduce the report from which it was created, automatically.

The screenshot displays the Qualys Cloud Platform dashboard. The top navigation bar includes the Qualys logo and the text "Qualys. Cloud Platform". Below this, a secondary navigation bar shows various menu items: VMDR, DASHBOARD, VULNERABILITIES, PRIORITIZATION, RESPONSES, SCANS, REPORTS, REMEDIATION, ASSETS, KNOWLEDGEBASE, and USERS. The "DASHBOARD" menu item is currently selected. The main content area is titled "QLYS-TruRisk". It features a filter section with "Any" and "All" buttons, a "Last 30 Days" time range selector, and a "Total Widgets Count: 22 / 80" indicator. The dashboard is divided into three main sections: "Prioritized Assets", "Prioritized Vulnerabilities", and "Available Patches". The "Prioritized Assets" section shows 6 assets (16.22% of 37). The "Prioritized Vulnerabilities" section shows 509 instances (17.9% of 2.84K) and 343 unique vulnerabilities. The "Available Patches" section shows 9 patches. Below these sections, a red-bordered box highlights a "QUALYS TRURISK PRIORITIZATION REPORT" widget. This widget displays the same data as the dashboard sections but with a different time range (Last 30 Days) and a different set of assets (50 of 188, 26.6%). The "Prioritized Vulnerabilities" section in the report shows 4.5K instances (19.12% of 23.5K) and 1.88K unique vulnerabilities. The "Available Patches" section shows 713 patches.

Section	Value	Percentage	Total
Prioritized Assets	6	16.22%	37
Prioritized Vulnerabilities (Instances)	509	17.9%	2.84K
Prioritized Vulnerabilities (Unique)	343		
Available Patches	9		

Section	Value	Percentage	Total
Prioritized Assets	50	26.6%	188
Prioritized Vulnerabilities (Instances)	4.5K	19.12%	23.5K
Prioritized Vulnerabilities (Unique)	1.88K		
Available Patches	713		



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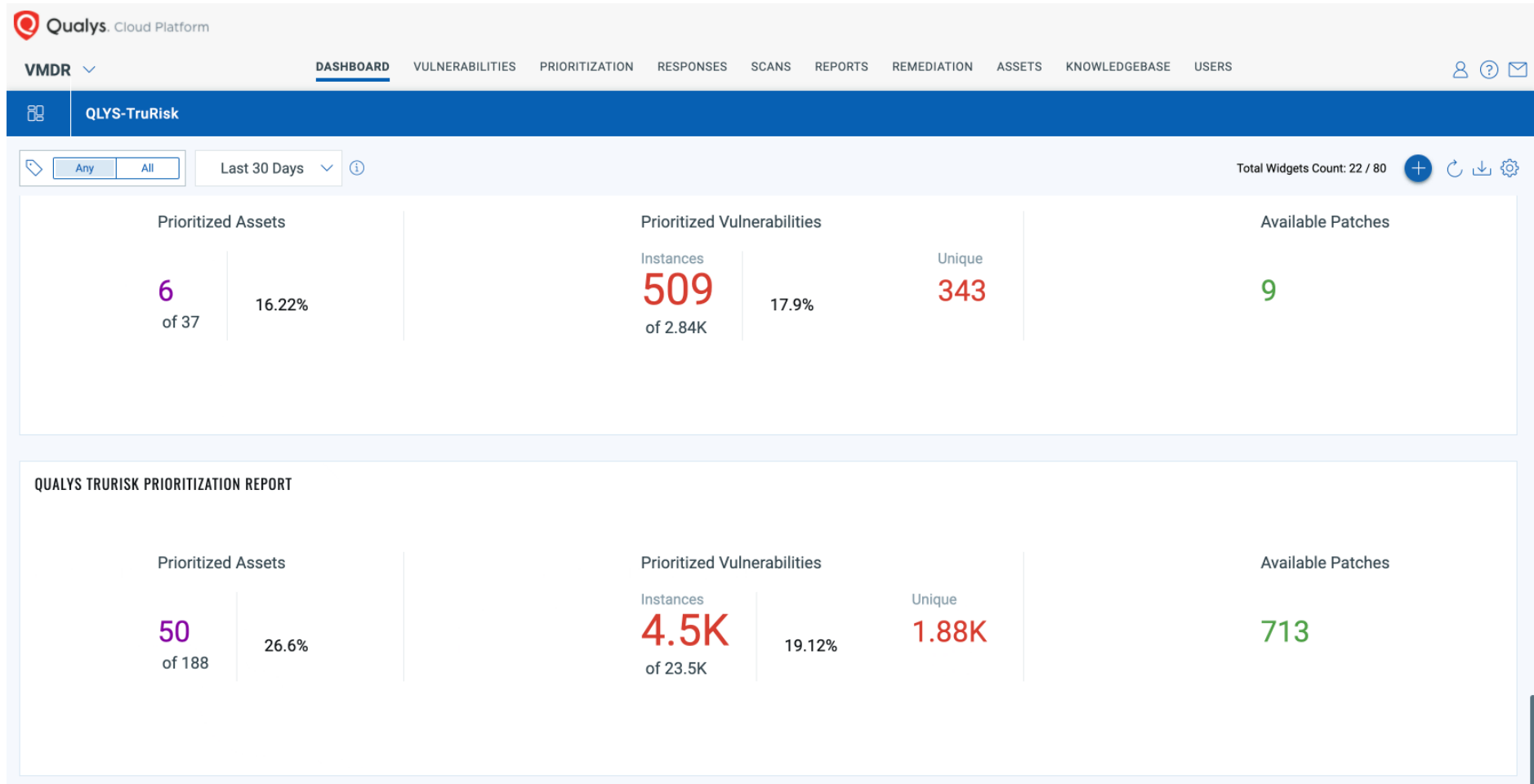


This concludes the "VMDR Prioritization Report using TruRisk Mode" tutorial. Close this window and continue to read through your Lab Tutorial Supplement, for a review of the steps you just completed, and some additional details.



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Scan to go to the interactive player