



The Prioritization process automatically correlates vulnerability information with threat intelligence and asset context to focus remediation efforts. As you go through this exercise, consider how this solves remediation challenges.

VMDR
DASHBOARD
VULNERABILITIES
PRIORITIZATION
RESPONSES
SCANS
REPORTS
REMIEDIATION
ASSETS
KNOWLEDGEBASE
USERS

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.

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:

[Configure Agents for VMDR](#)



Let's begin building a Prioritization Report. Click the **PRIORITIZATION** section at the top of the page.

The screenshot displays the Qualys Cloud Platform VMDR dashboard. The top navigation bar includes links for DASHBOARD, VULNERABILITIES, PRIORITIZATION, RESPONSES, SCANS, REPORTS, REMEDIATION, ASSETS, KNOWLEDGEBASE, and USERS. The main header area greets the user with 'Hello Madhavi Borgaonkar -!' and 'Welcome to Qualys VMDR®', followed by a description of the platform's capabilities and a 'Learn more' button. A circular diagram on the right illustrates the security process: Vulnerability Management, Threat Detection & Prioritization, Response, and Asset Management. Below this, four key features are highlighted: Identify Assets, Discover Vulnerabilities & Misconfigurations, Prioritize Threats with TruRisk™, and Integrate with ITSM & Reduce MTTR. At the bottom, there's a section for finding IT assets with a 'Configure Agents for VMDR' button and links to 'Manage Tags' and 'Visit Dashboard'.

Qualys. Cloud Platform

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

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

Supported OS:



On this page, click the [Start Prioritizing](#) button to begin creating a report.

Qualys Cloud Platform

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

Prioritization Reports Threat Feed

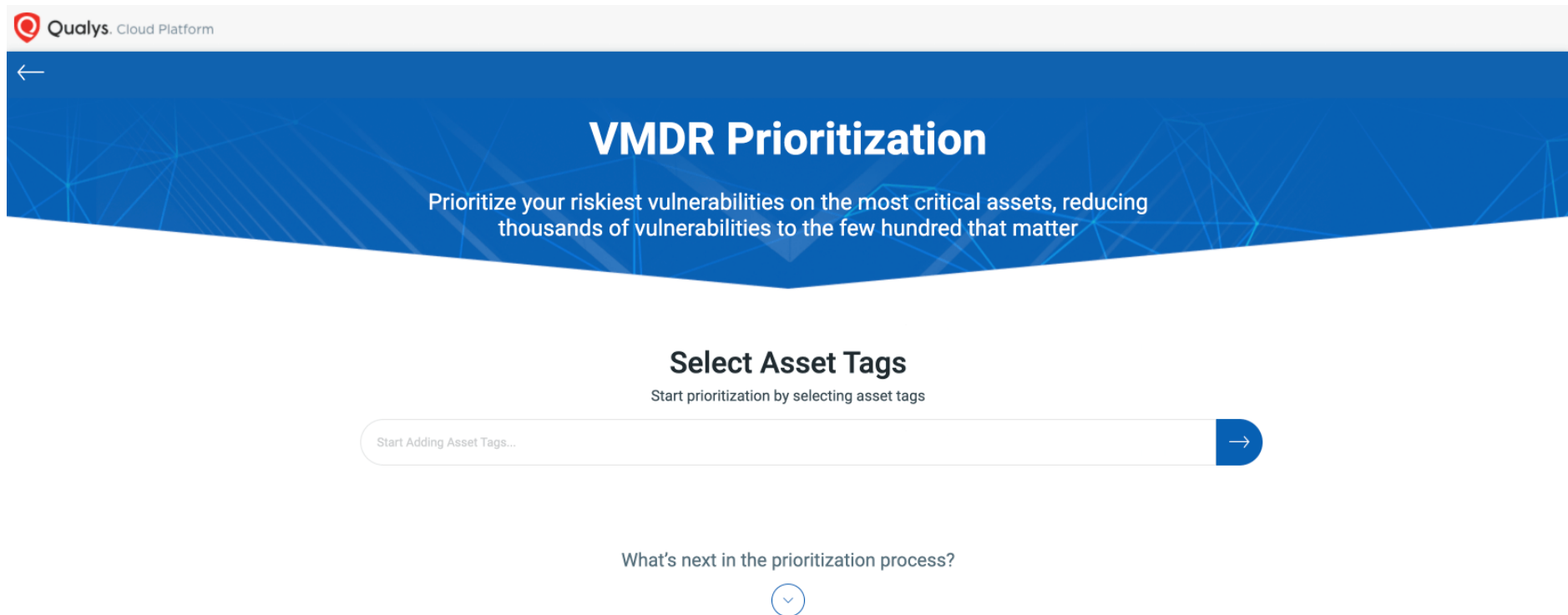
Search reports... 3 Reports

☐ 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





Firstly, you have to select Asset Tags. Asset Tags help to add the context to the report. Click in the [search bar](#) to Start Adding Asset Tags.





In this lab environment, we'll target assets with the Cloud Agent tag. Stop for a moment and consider which Asset Tags on your infrastructure that you would prioritize. Select the check box for the "Cloud Agent" Asset Tag.

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...

☐ Asset Groups

☐ EASM

☐ OCA

☐ Shodan

☐ Asset Search Tags

☐ ICS_OCA

☐ Passive Sensor

☐ Tag Set

☐ Business Units

☐ Internet Facing A...

☐ Cloud Agent


☐ Unmanaged

☐ Default Dashboard...

☐ Malware Domain As...

☐ SEM

☐ Cloud Environments





Click the right **Arrow** to proceed.

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

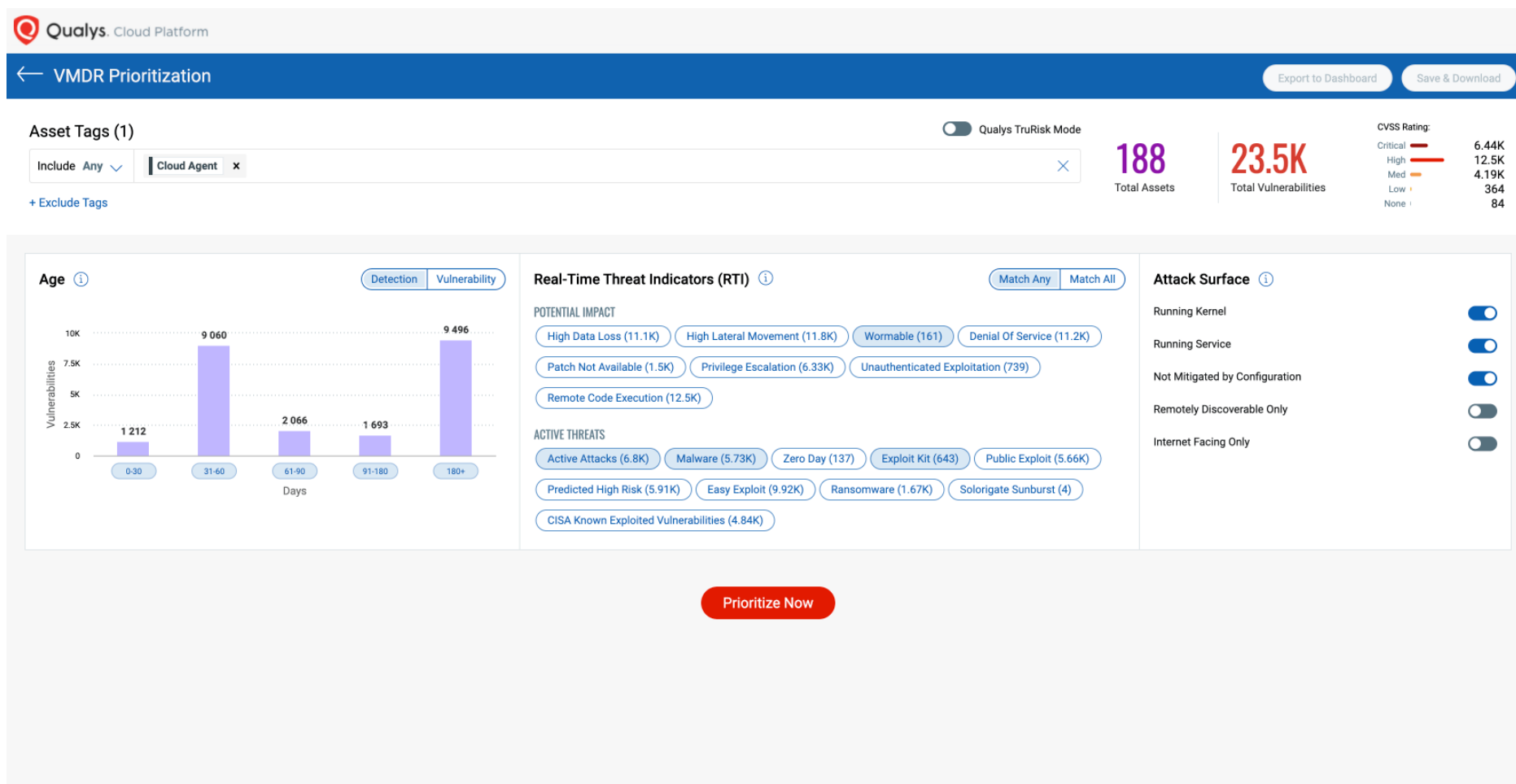
Start prioritization by selecting asset tags

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

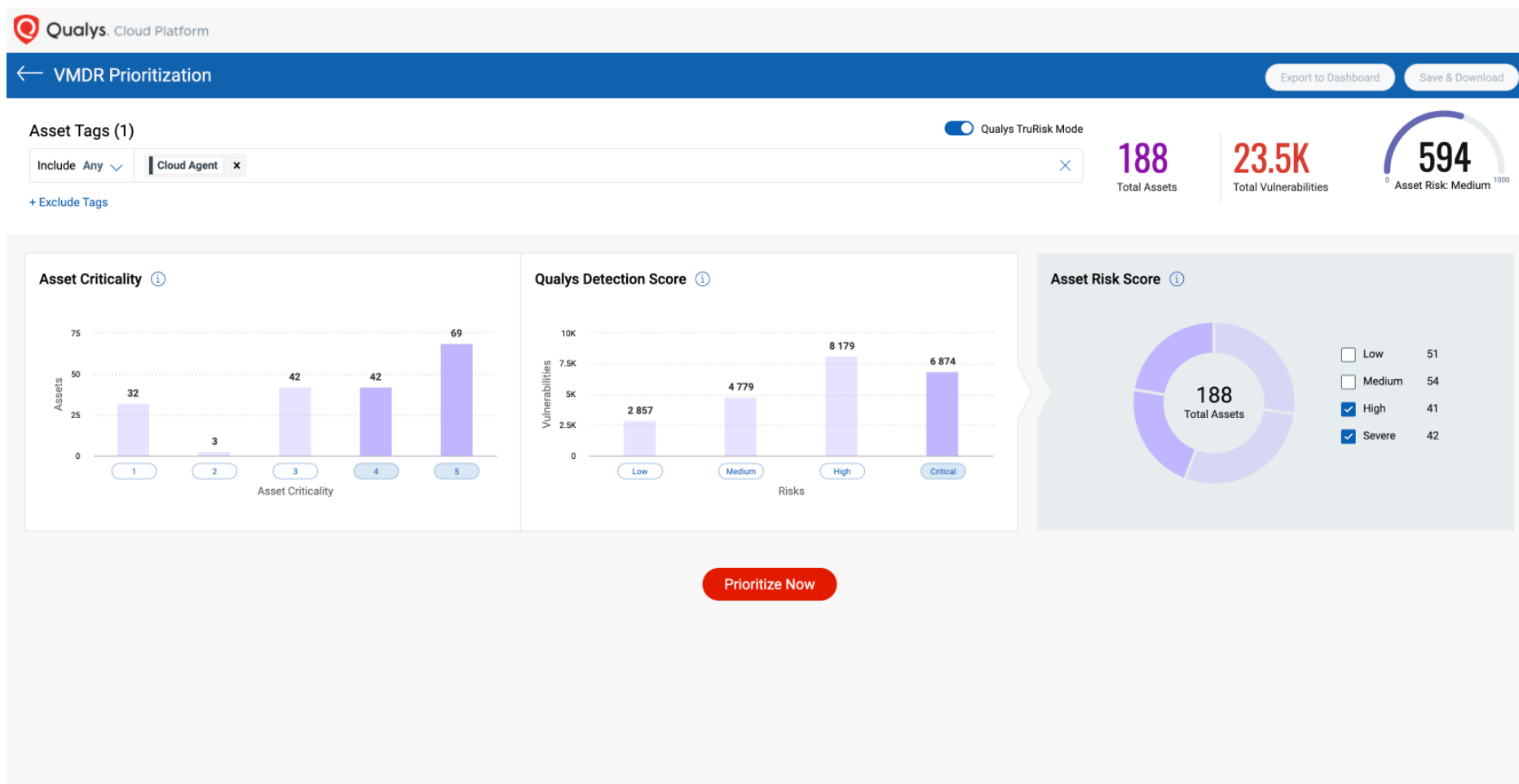


To use Qualys TruRisk as the basis for prioritization, click the **toggle switch** at the top of the page, to enable TruRisk mode.



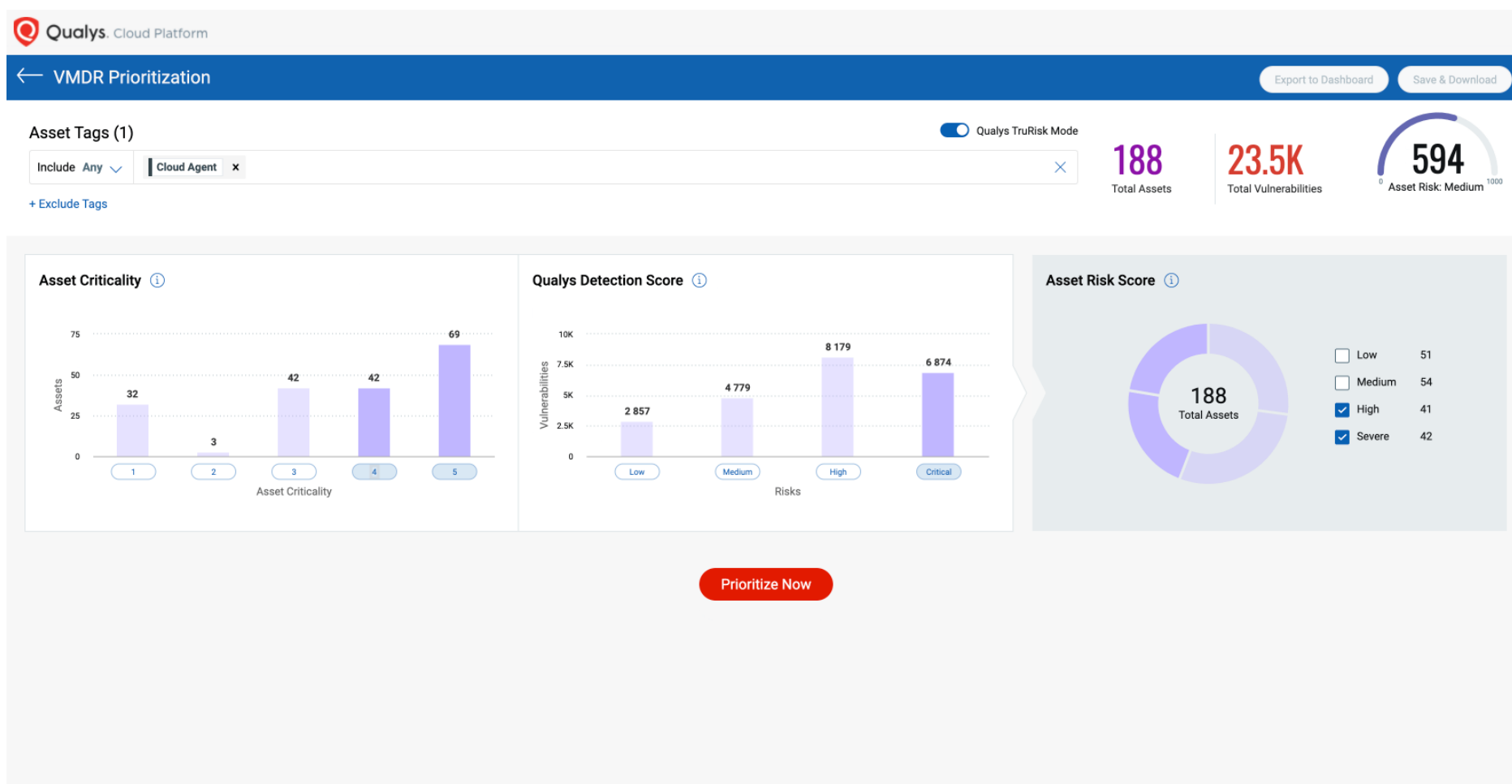


The Asset Criticality, Qualys Detection Score, and Asset Risk Score options are displayed.



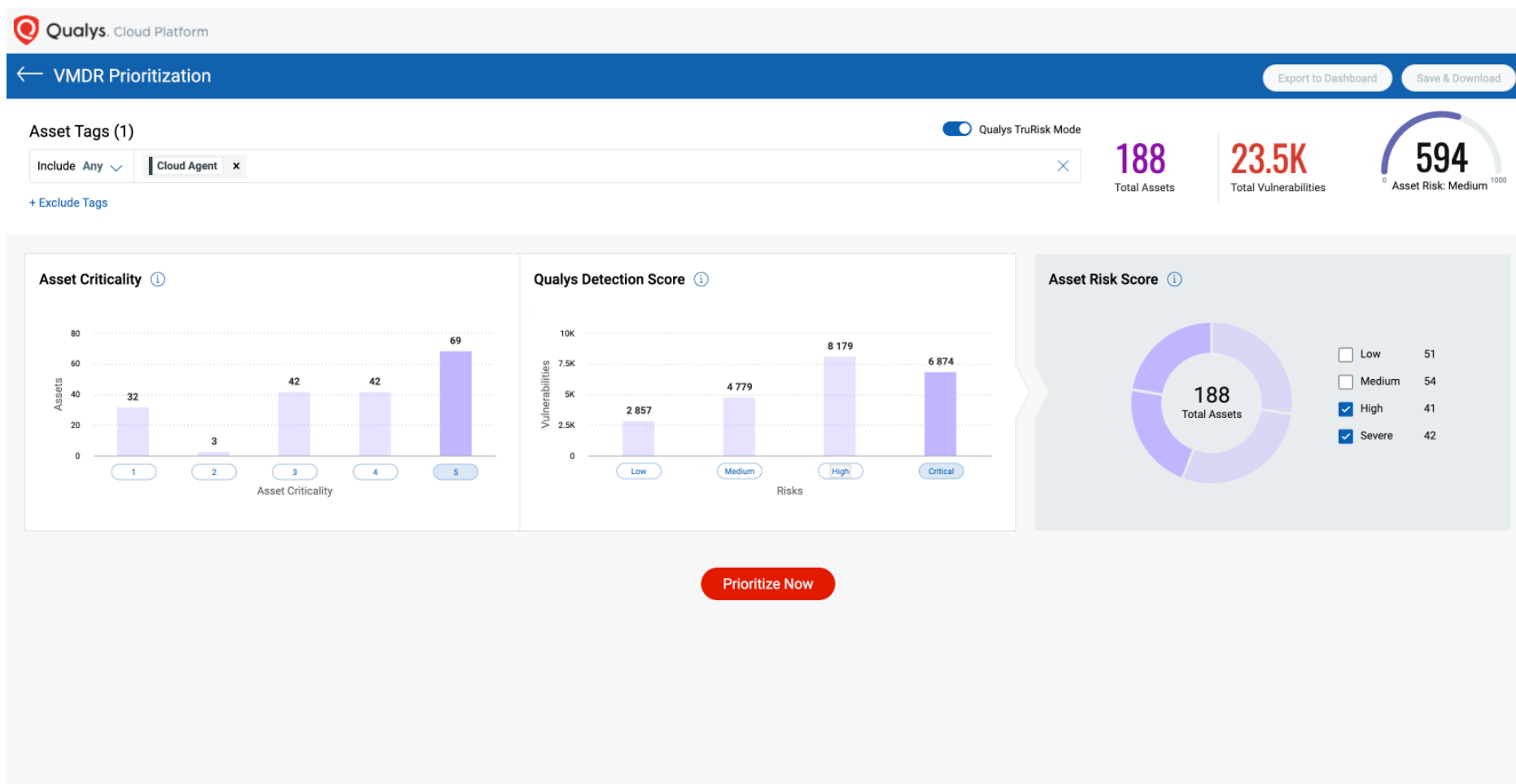


In this example, we will consider only the most critical assets – those with an Asset Criticality Score of 5. Click the Asset Criticality Score of 4 to deselect it.



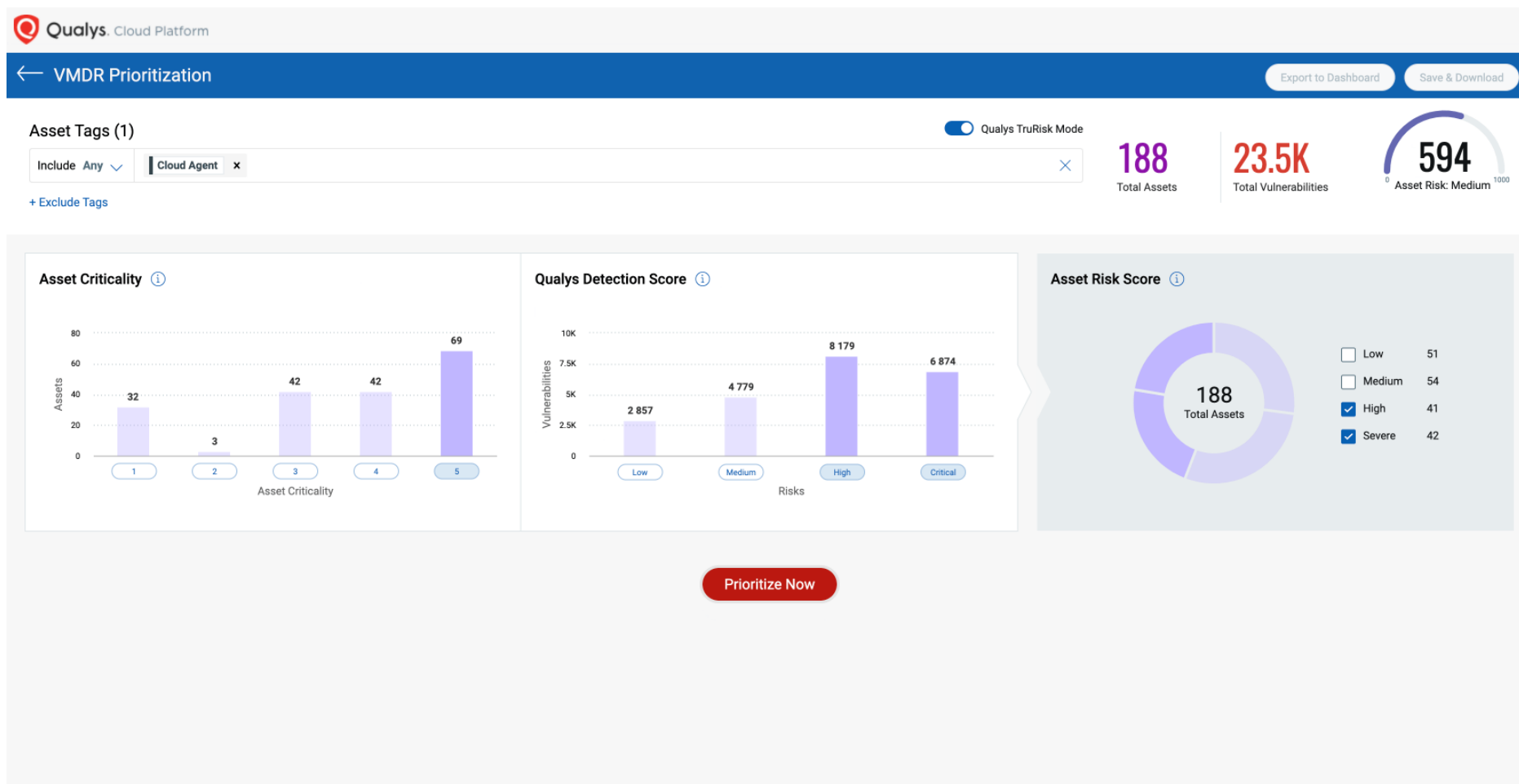


Next, we'll consider only vulnerabilities on those assets which have a Qualys Detection Score of High or Critical. "Critical" is already selected, click **High** in the Qualys Detection Score panel to select it.



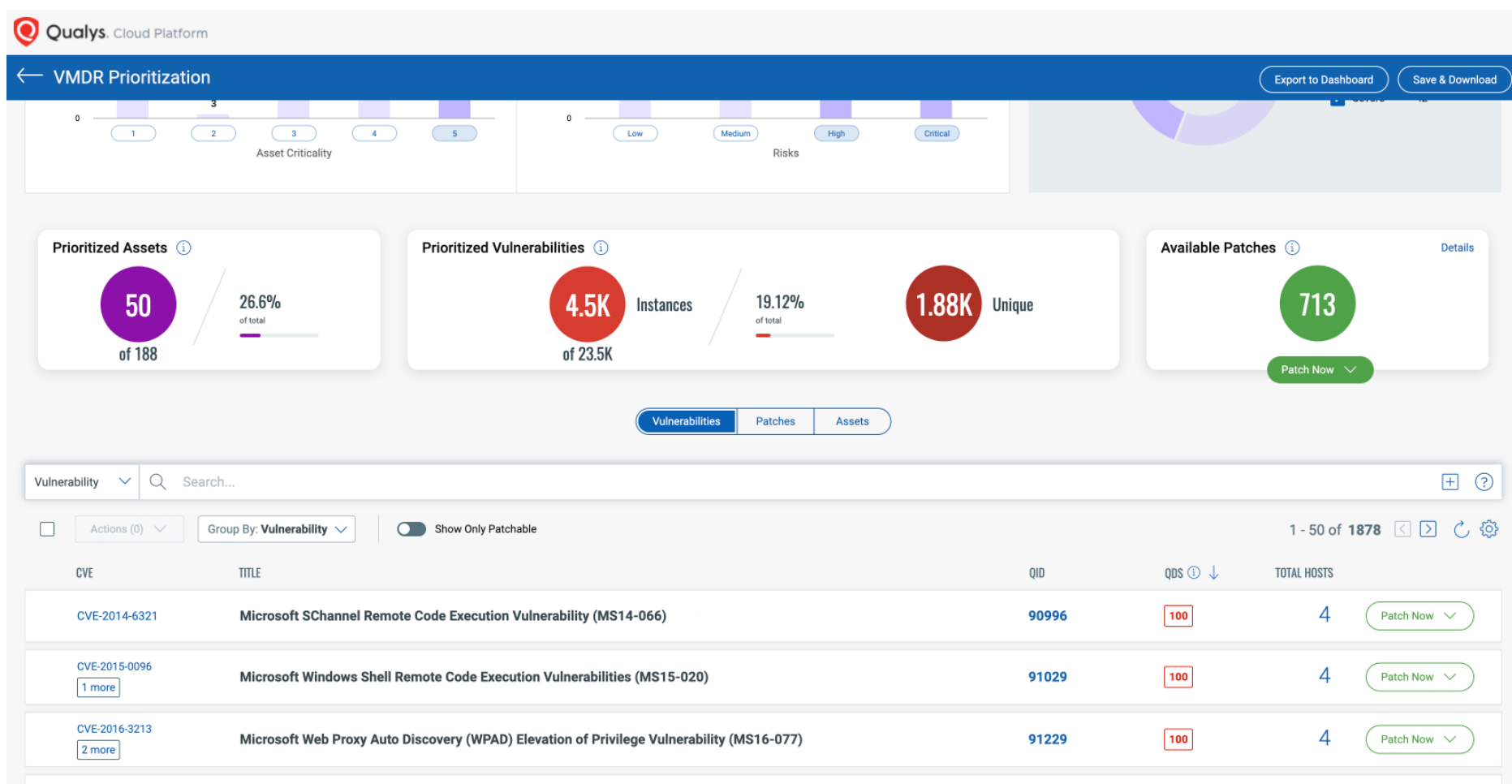


The options are now selected. Click the **Prioritize Now** button to generate the report.



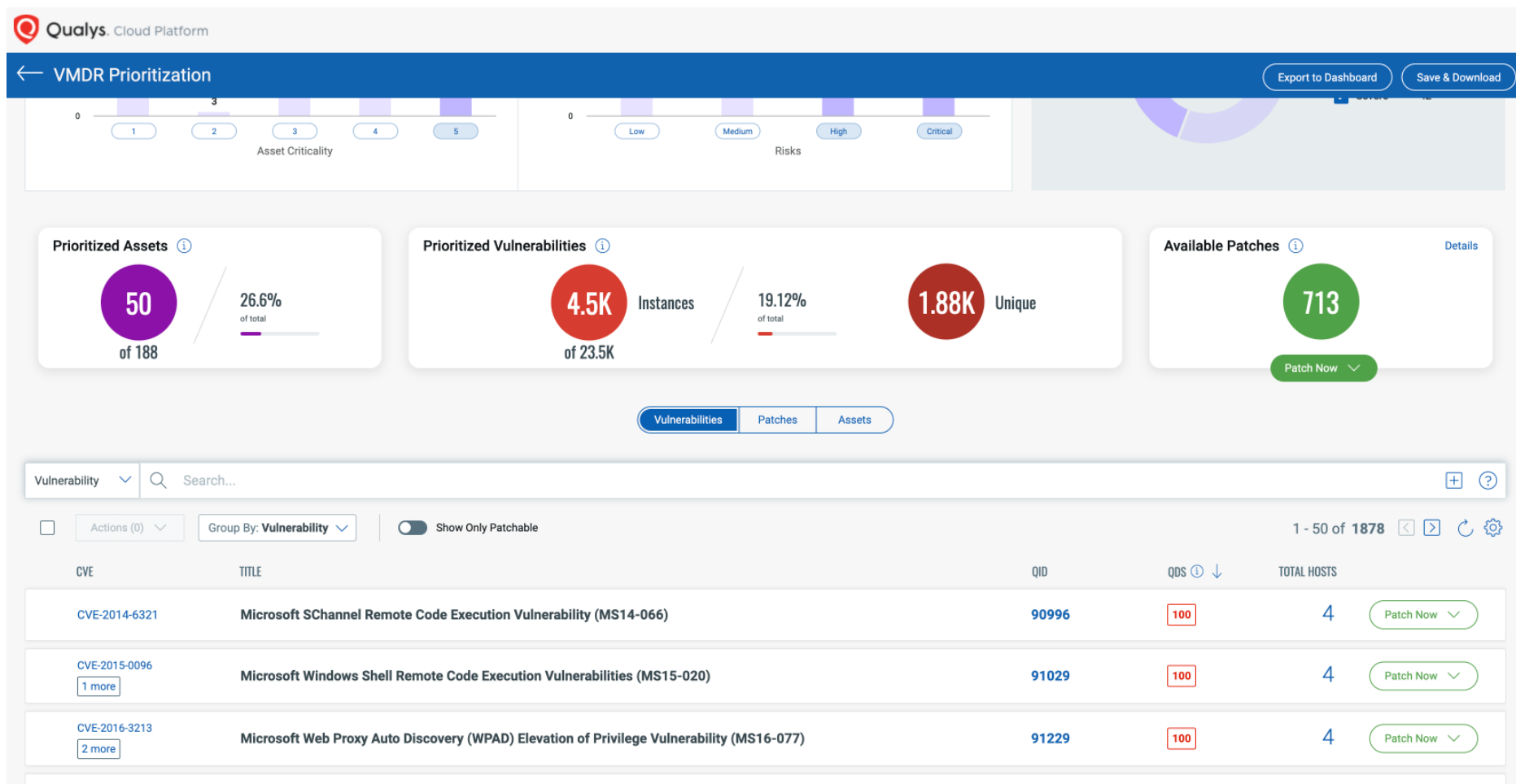


The priority options are applied, and all relevant vulnerabilities are listed. Changing any of the priority options, will immediately update the list of displayed vulnerabilities, patches, and assets.





Here you can see the dataset showing the total number of unique vulnerabilities.





Click the **toggle-switch** underneath the Search bar to "Show Only Patchable" vulnerabilities.

Qualys Cloud Platform

← VMDR Prioritization Export to Dashboard Save & Download

Asset Criticality: 0 1 2 3 4 5

Risks: 0 Low Medium High Critical

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

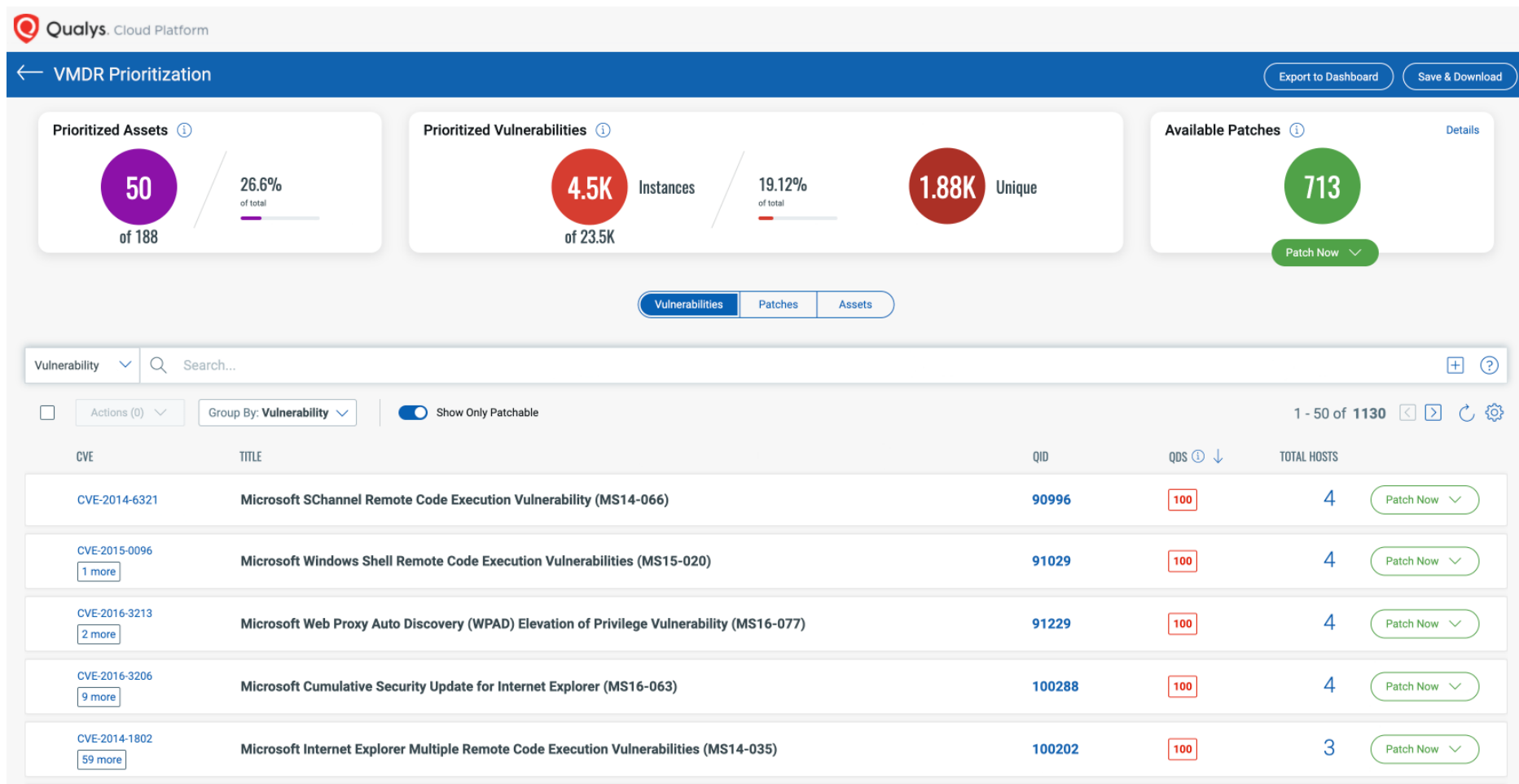
Vulnerability ▾ 🔍 Search... + ?

☐ Actions (0) ▾ Group By: Vulnerability ▾ ☒ Show Only Patchable 1 - 50 of 1878 ◀ ▶ ↺ ⚙️

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 ▾



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





Next to each patch, there is a "Patch Now" button. Patches can be individually added to a new or existing patch job.

Qualys Cloud Platform

← VMDR Prioritization Export to Dashboard Save & Download

Prioritized Assets ⓘ

50 of 188
26.6% of total

Prioritized Vulnerabilities ⓘ

4.5K Instances
1.88K Unique
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Available Patches ⓘ Details

713
Patch Now

Vulnerabilities Patches Assets

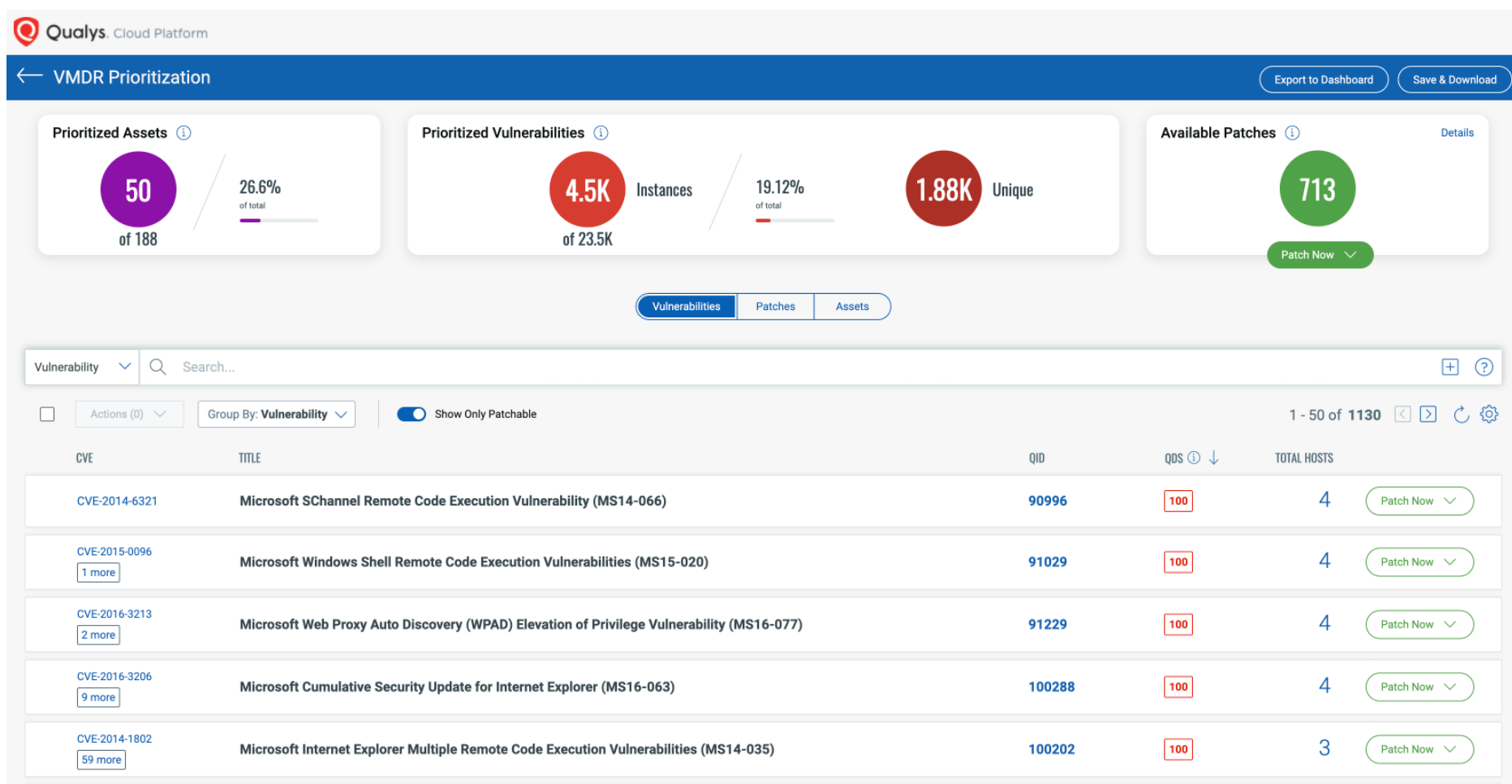
Vulnerability Search... + ?

☐ 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

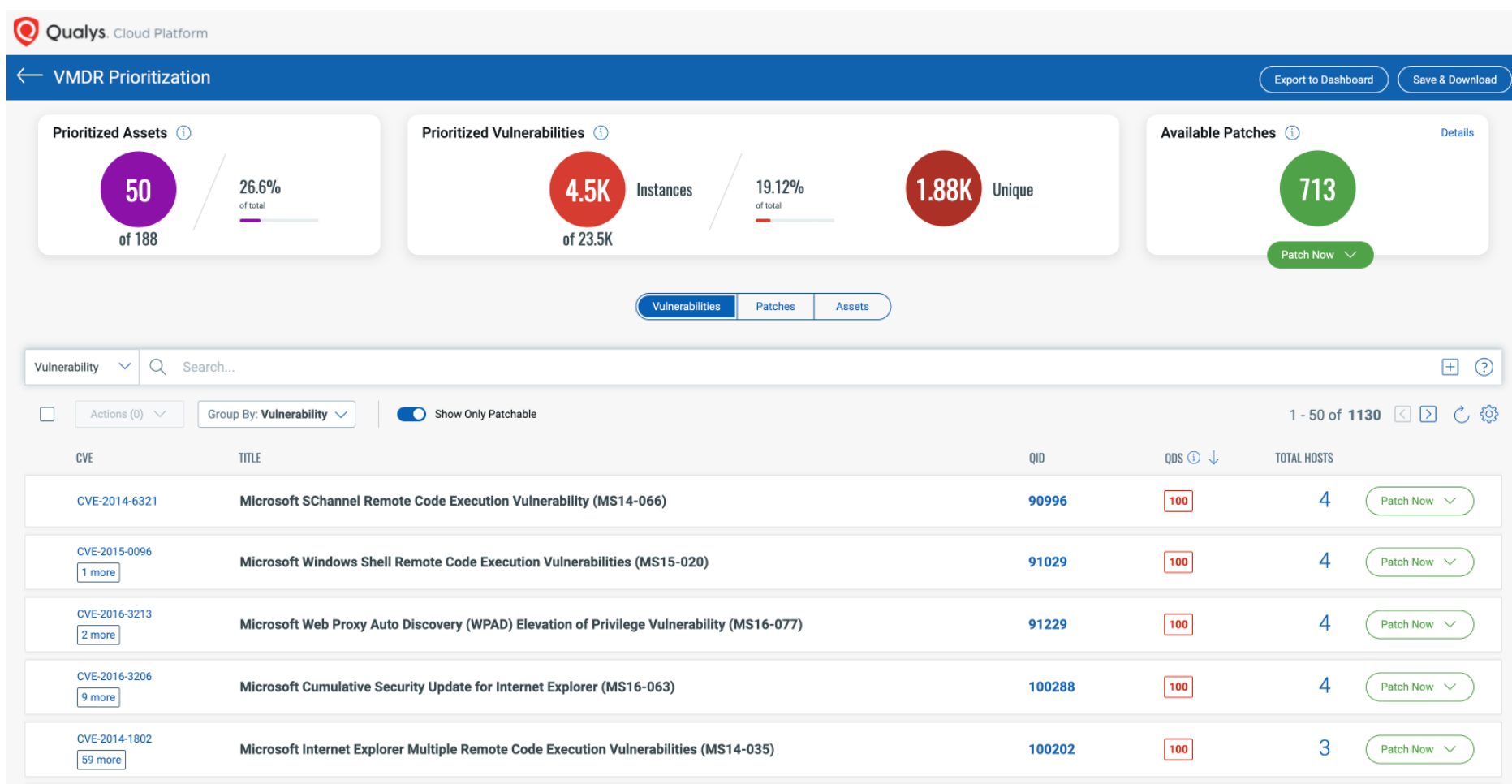


In the center of the screen, you can see the headline statistics, and a "Patch Now" button. This enables you to deploy all of the patches for these prioritized vulnerabilities.





Any Prioritization Report can be exported to an existing dashboard. Click the [Export to Dashboard](#) button in the upper right corner of the screen.





In the pop-up Window, you enter a name for your new dashboard widget. For this example, a name for the new dashboard widget will be entered for you.

The screenshot shows the Qualys Cloud Platform VMDR Prioritization interface. A modal window titled "Export to Dashboard" is open in the center. The modal contains the following elements:

- Title:** Export to Dashboard
- Description:** This will export the report as a widget in the selected dashboard.
- Name Field:** A text input field with a red asterisk indicating it is required. It contains a placeholder name and shows "50 characters remaining".
- Select Dashboard:** A dropdown menu with a red asterisk indicating it is required. The current selection is "Please Select Dashboard".
- Buttons:** "Cancel" and "Export" buttons at the bottom.

The background interface shows the "VMDR Prioritization" page with the following data:

- Asset Tags (1):** Cloud Agent (x)
- Qualys TruRisk Mode:** Enabled
- Summary Metrics:**
 - Total Assets: 188
 - Total Vulnerabilities: 23.5K
 - Asset Risk: Medium (594)
- Asset Criticality Chart:** A bar chart showing the distribution of assets by criticality level (1, 2, 3, 4).
- Prioritized Assets:** 50 of 188 (26.6% of total).
- Instances:** 4.5K of 23.5K.
- Unique:** 1.88K.
- Available Patches:** 713.



The appropriate dashboard will be selected.

The screenshot shows the Qualys Cloud Platform VMDR Prioritization interface. The top navigation bar includes the Qualys logo and 'Cloud Platform'. The main header is 'VMDR Prioritization' with buttons for 'Export to Dashboard' and 'Save & Download'. Below the header, there's a section for 'Asset Tags (1)' with a filter for 'Cloud Agent'. To the right, summary statistics are displayed: 188 Total Assets, 23.5K Total Vulnerabilities, and 594 Asset Risk: Medium. The main content area features a bar chart titled 'Asset Criticality' showing asset counts across criticality levels. A modal window titled 'Export to Dashboard' is open, displaying a form to export the report as a widget. The form includes a 'Name' field with the value 'Qualys TruRisk Prioritization Report' and a 'Select Dashboard' dropdown menu. The dropdown menu is open, showing a list of dashboard options: '*Prioritization Dashboard', '@ This Month in Vulns & Patches | 2022-07 July', '@This Month in Vulns & Patches | 2022-08 August', 'Alliant_Dashboard', and 'External Attack Surface Management'. The background interface also shows a 'Risk Score' donut chart and a table of risk levels (Low, Medium, High, Severe) with their respective counts. At the bottom, there are tabs for 'Vulnerabilities', 'Patches', and 'Assets', and a section for 'Prioritized Assets' showing 50 assets (26.6% of total).

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

1 2 3 4

Prioritized Assets

50 of 188

26.6% of total

Prioritization Dashboard

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

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

Alliant_Dashboard

External Attack Surface Management

4.5K Instances of 23.5K

19.12% of total

1.88K Unique

Risk Score

188 Total Assets

Low 51

Medium 54

High 41

Severe 42

Available Patches

713

Patch Now

Vulnerabilities Patches Assets

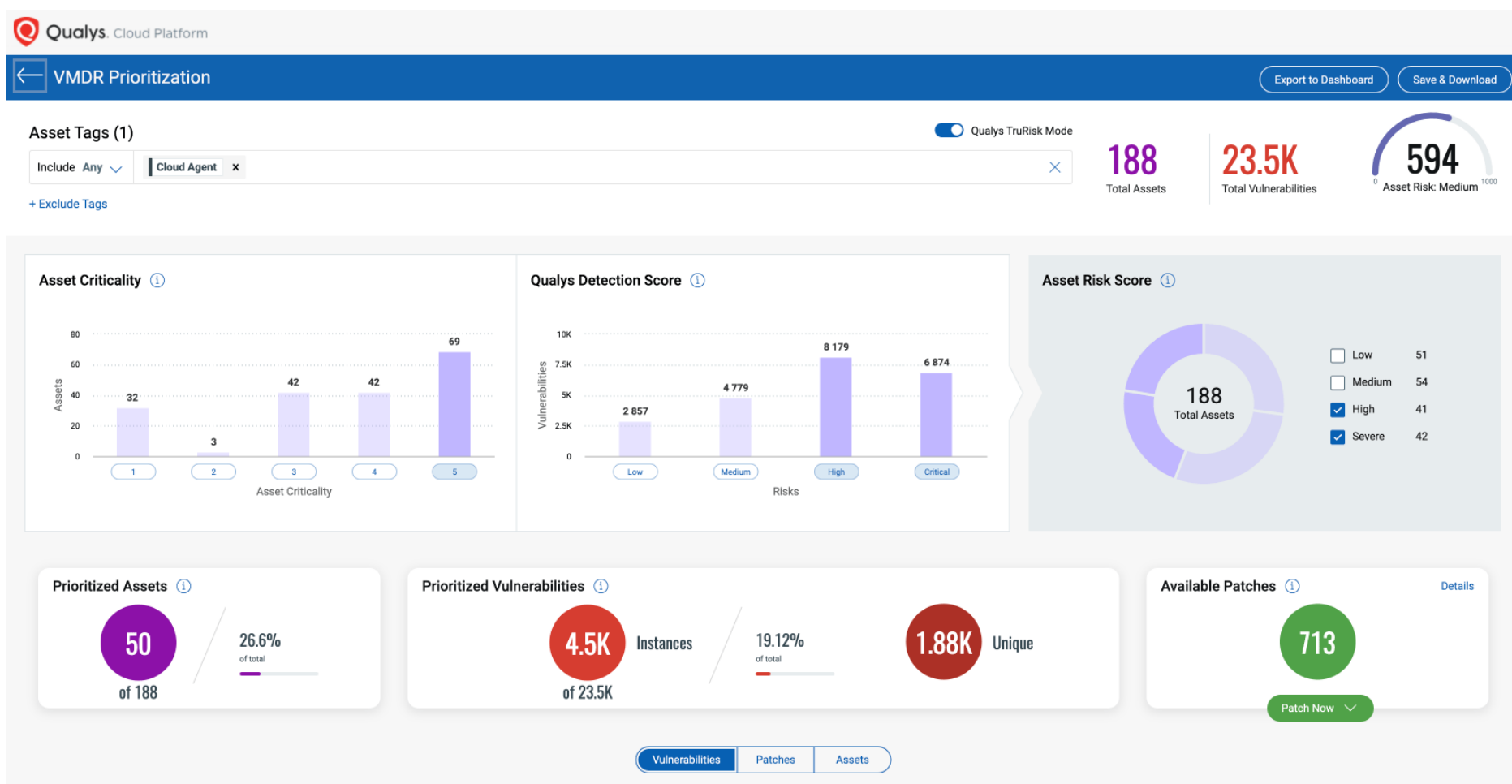


Click [Export](#).

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To see the dashboard widget that you have created, , click the [navigation arrow](#) at the top left to leave this report.





Click the **Dashboard** section 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

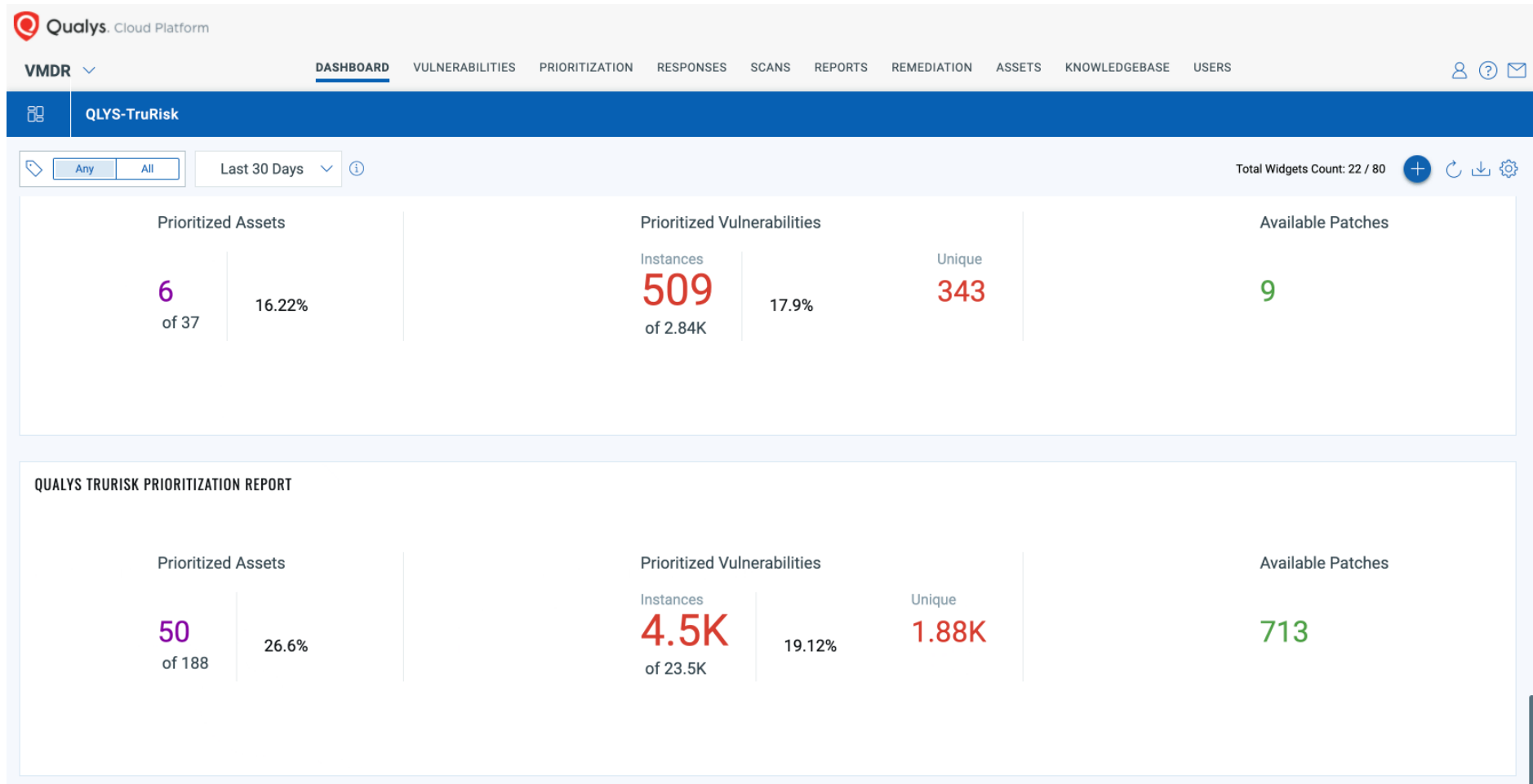
Search reports... 3 Reports

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

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Report Exemple 02	PDF	Completed	Jul 7, 2022 10:52 PM	quays2pe79
Report Example 01	CSV	Completed	Jul 7, 2022 10:51 PM	quays2pe79



Once added to a dashboard, the widget will be dynamically updated as conditions change. Qualys Prioritization streamlines the remediation process, and improves the mean time to resolution. That's it, you're done! You may now close this browser tab.





Scan to go to the interactive player