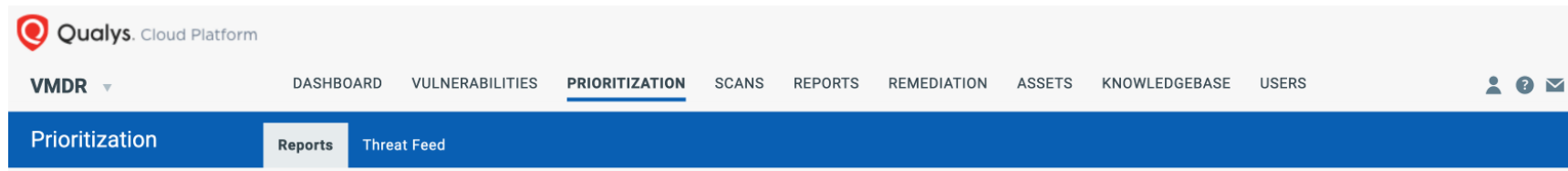




## 011 - Prioritization Report Use-Case: Internet Facing Assets



In this tutorial we'll examine a Prioritization Report Use-Case for Internet Facing assets. Click the button with the "+" symbol to create a new report.



### Welcome to VMDR Prioritization

Prioritize your remediation activities by adding threat intelligence and asset context to your vulnerabilities





## 011 - Prioritization Report Use-Case: Internet Facing Assets



Adding Asset Tags to this report provides context for the host vulnerabilities you intend to prioritize. Click inside the **"Select Asset Tags"** field.

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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... →



## 011 - Prioritization Report Use-Case: Internet Facing Assets



Select the checkbox for the "Internet Facing" 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

→

☐ Internal IP's

☐ Remote Endpoints

☒ Internet Facing...

☐ AG: Chicago -...

☐ Internal / External

☐ AG: San Francisco...



## 011 - Prioritization Report Use-Case: Internet Facing Assets



...and then click the **Arrow** icon.

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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

Internet Facing... x

x →

What's next in the prioritization process?

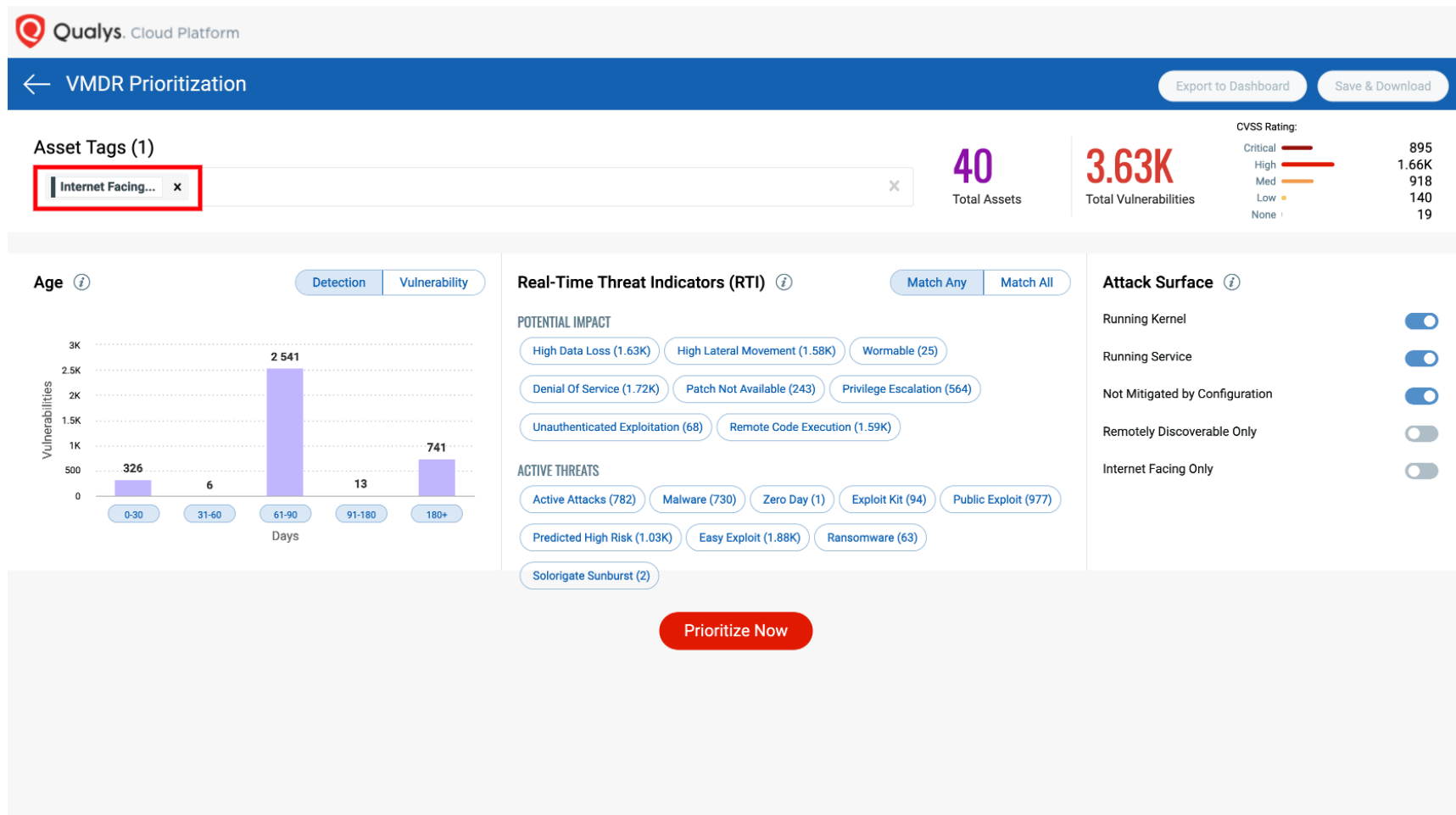
↓



## 011 - Prioritization Report Use-Case: Internet Facing Assets



The "Internet Facing" tag is created by the Qualys System, automatically. Host assets with one of more Internet facing interfaces will receive this tag.

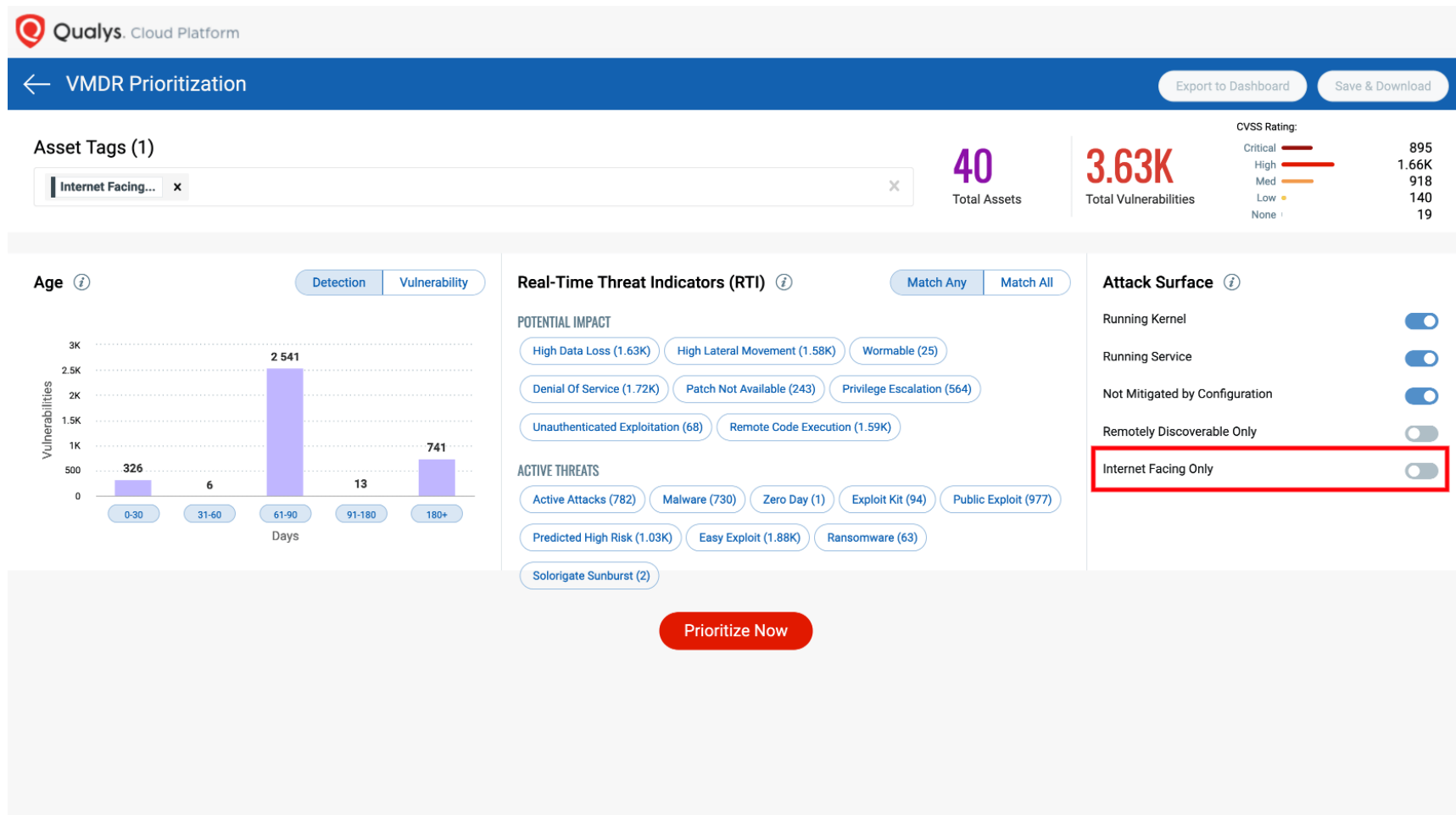




## 011 - Prioritization Report Use-Case: Internet Facing Assets



Alternatively, when using any other Asset Tags, you could enable the "Internet Facing Only" option, here under Attack Surface.

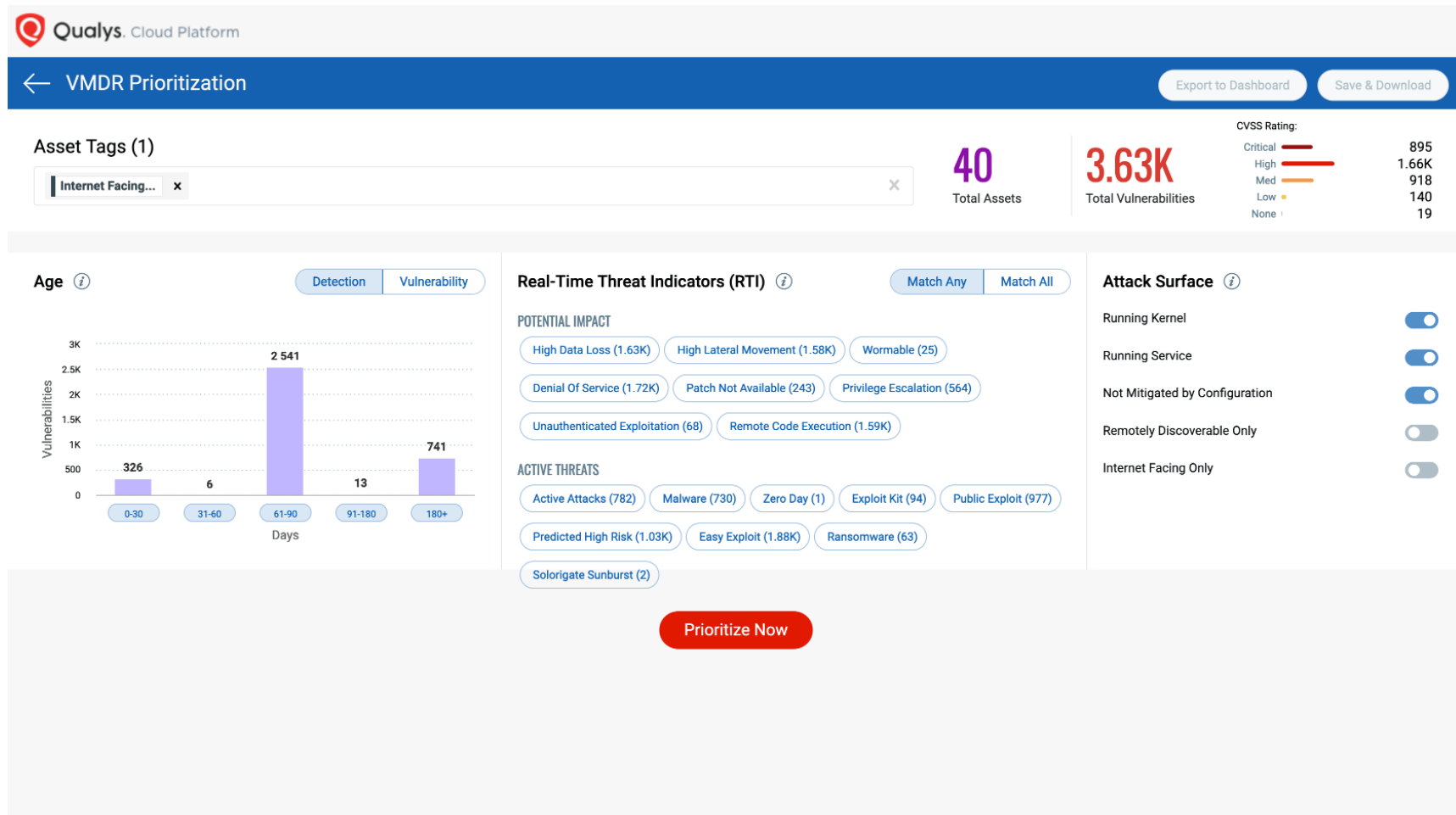




## 011 - Prioritization Report Use-Case: Internet Facing Assets



For this example, we'll stick with the "Internet Facing" tag.



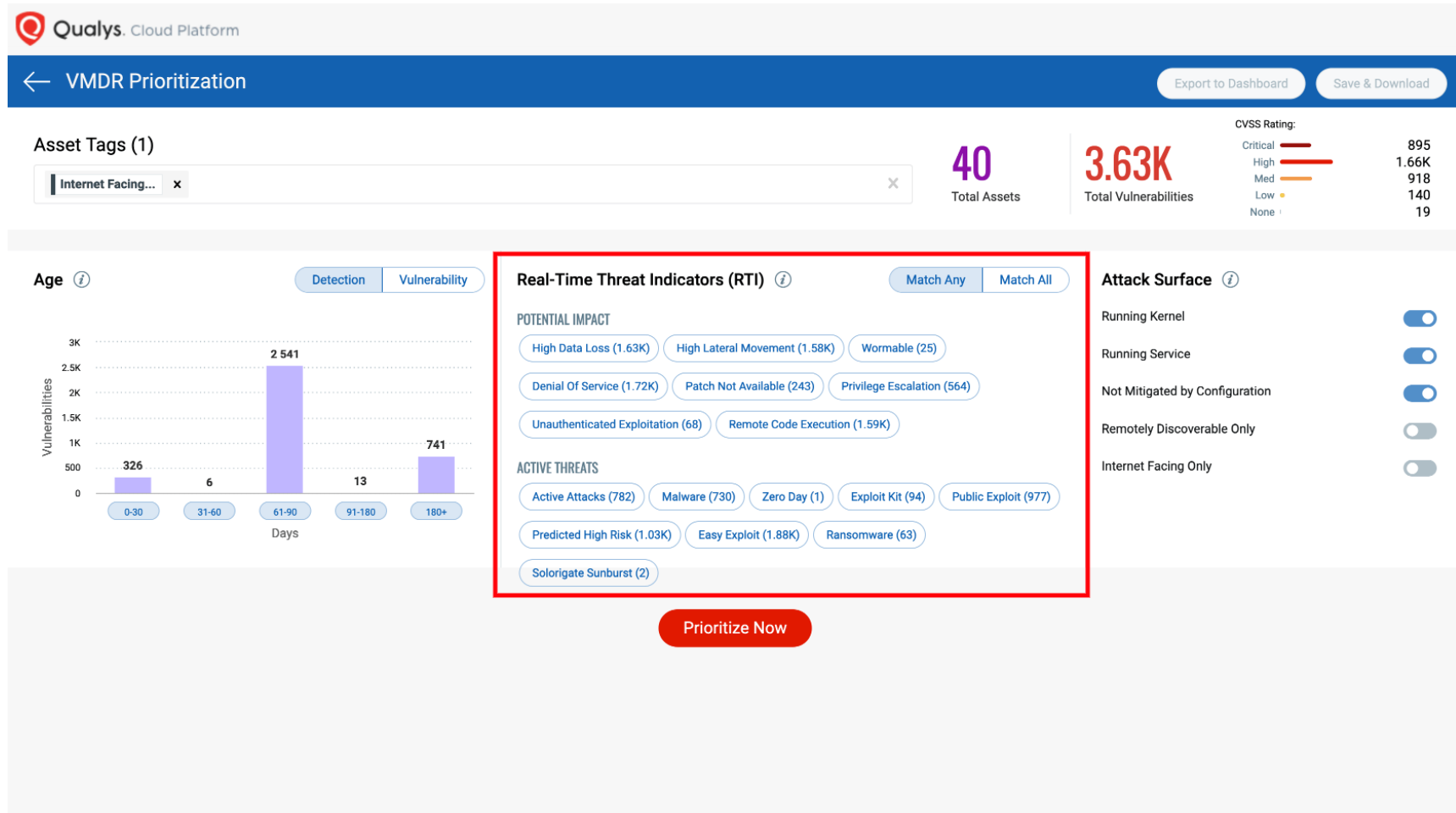


Although any of the Real-Time Threat Indicators listed here can impact Internet facing hosts, for this example we'll focus on vulnerabilities that can be exploited without authentication, combined with those that provide escalated privileges.





# 011 - Prioritization Report Use-Case: Internet Facing Assets

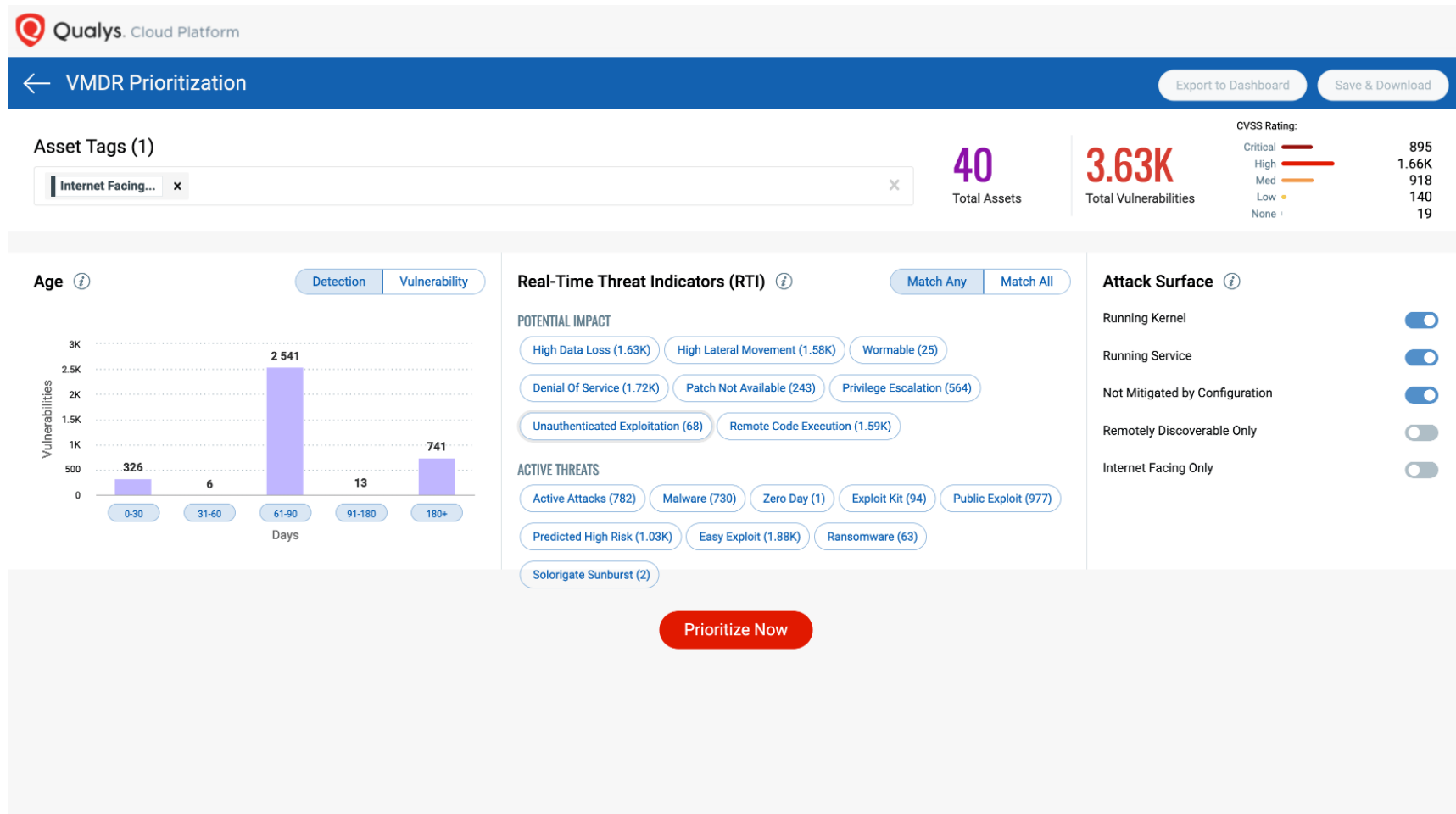




## 011 - Prioritization Report Use-Case: Internet Facing Assets



Under the POTENTIAL IMPACT section of Real-Time Threat Indicators, select **Unauthenticated Exploitation**.

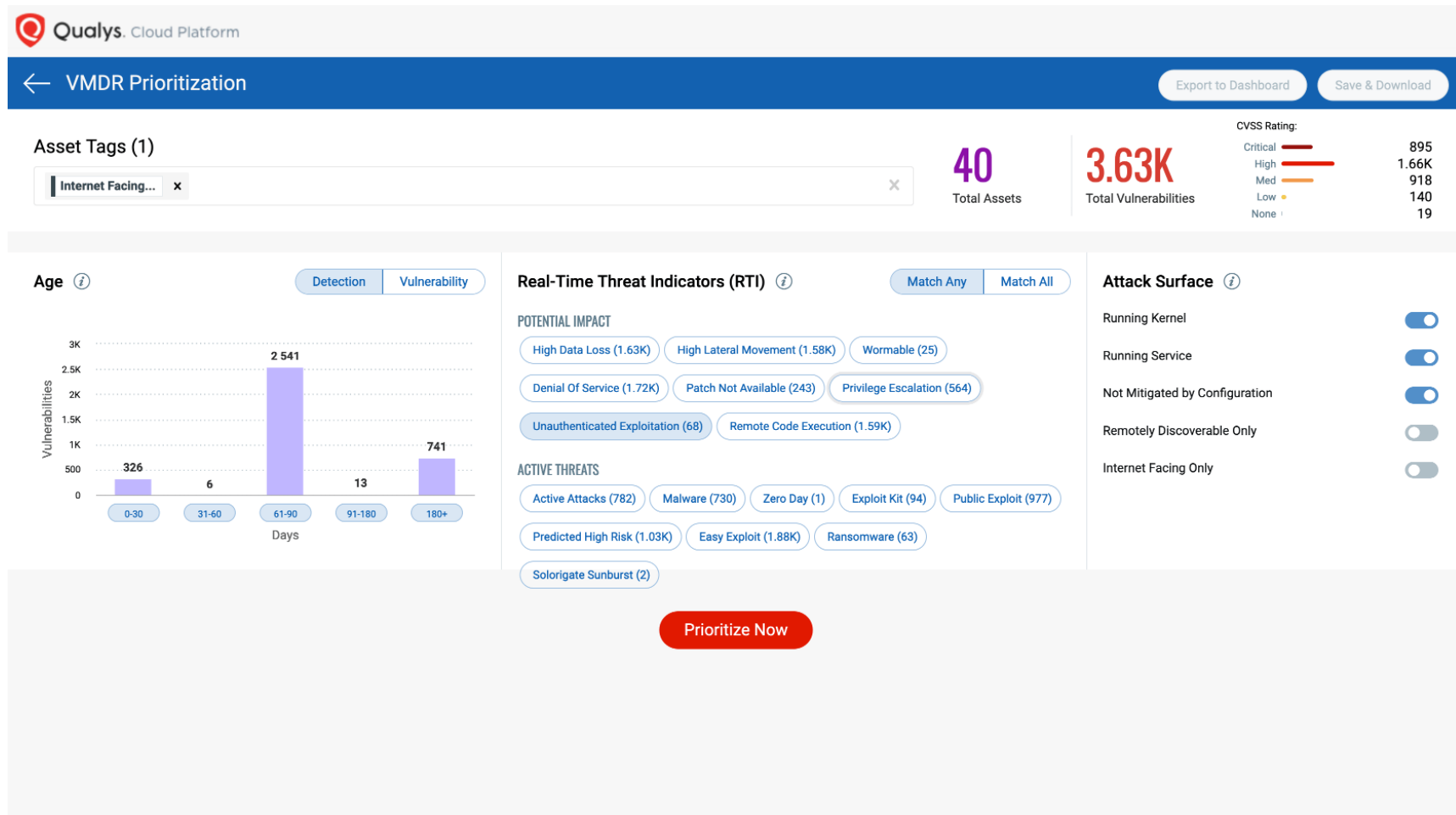




## 011 - Prioritization Report Use-Case: Internet Facing Assets



In the same section, select **Privilege Escalation**.

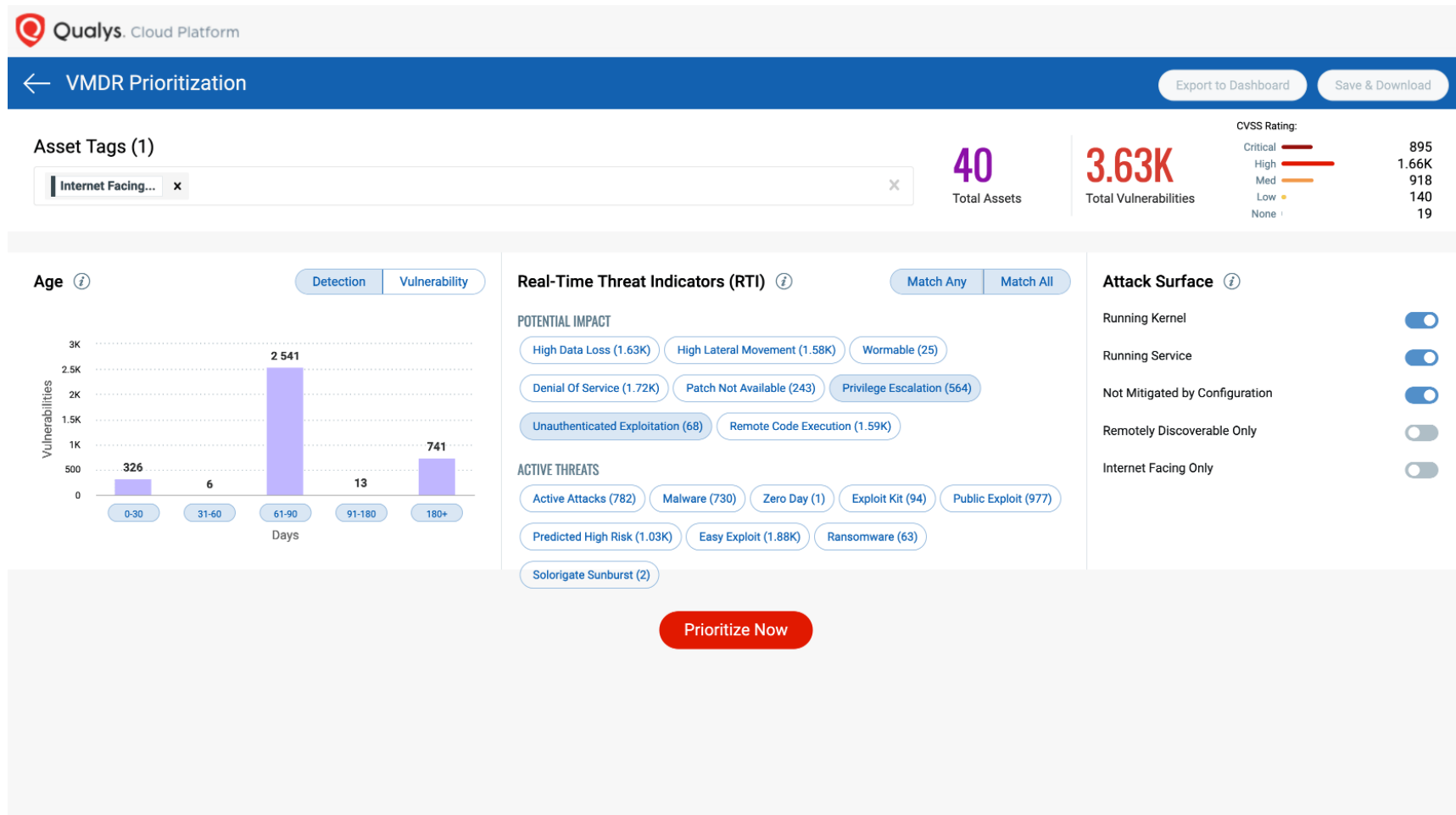




## 011 - Prioritization Report Use-Case: Internet Facing Assets



When combined together on the same "Internet Facing" host, these two indicators pose a serious risk.

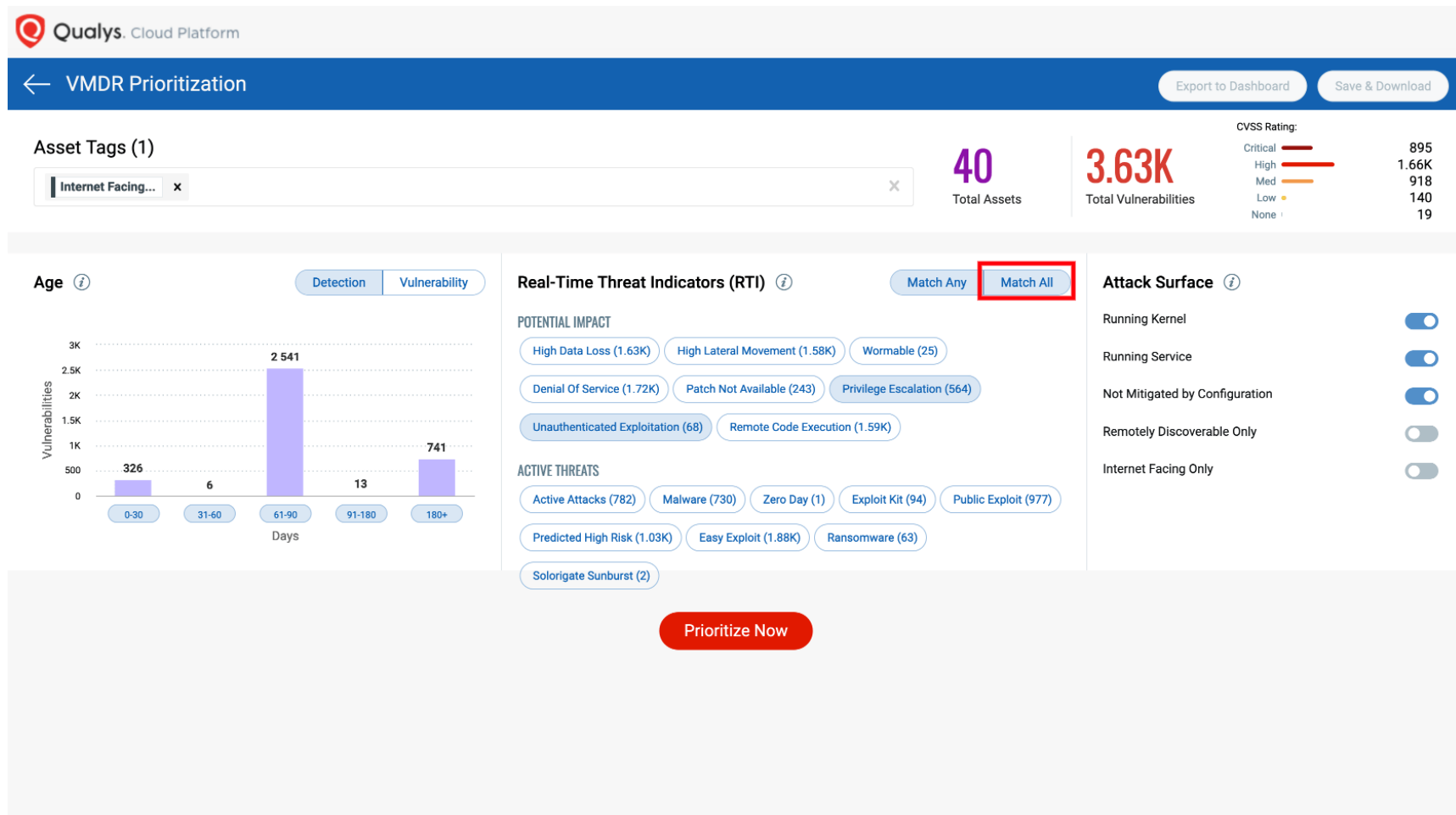




## 011 - Prioritization Report Use-Case: Internet Facing Assets



To ensure both types of vulnerabilities are discovered on the same host, select the "Match All" operator...

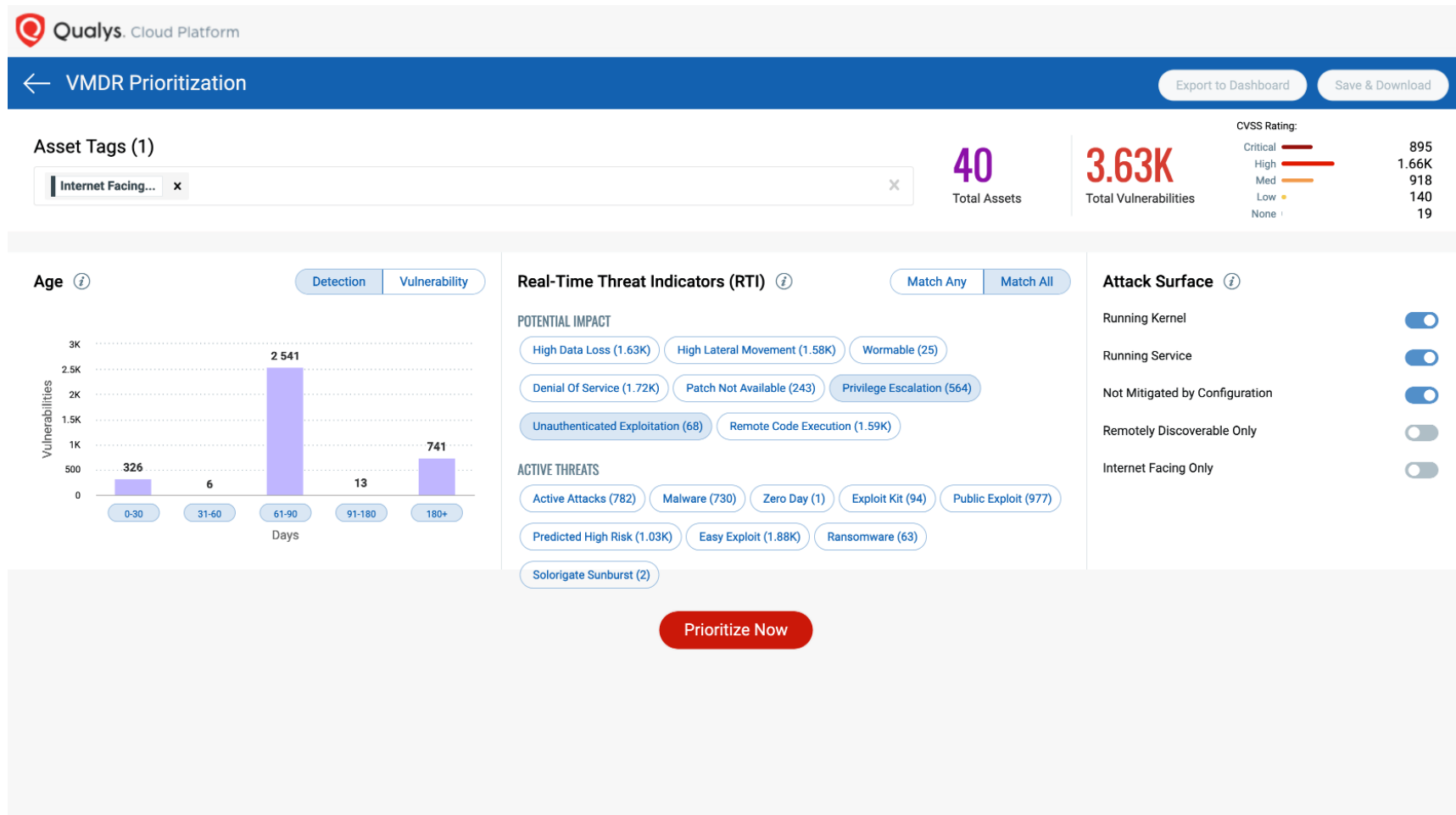




## 011 - Prioritization Report Use-Case: Internet Facing Assets



...and Click **Prioritize Now**.

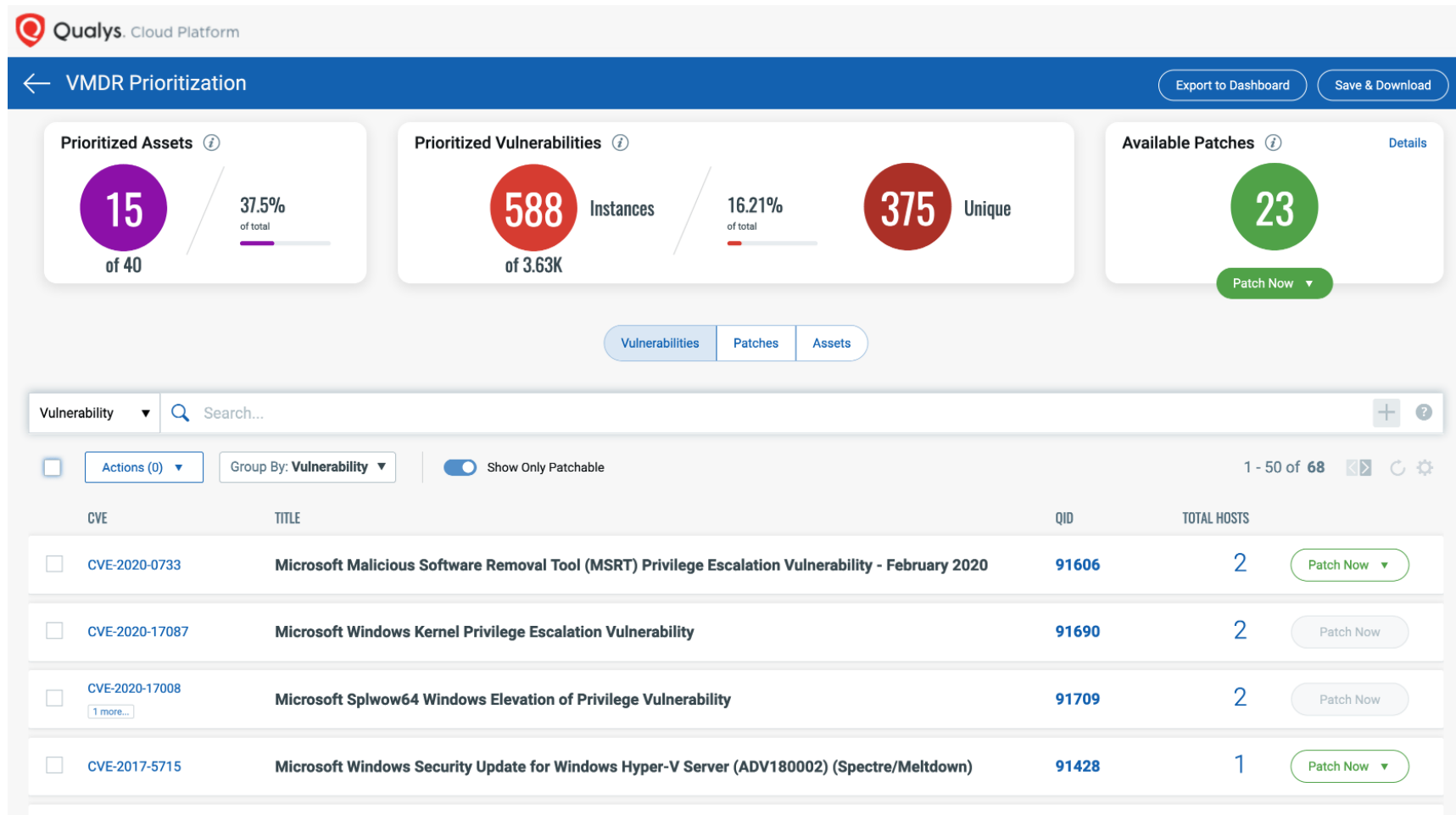




## 011 - Prioritization Report Use-Case: Internet Facing Assets



The vulnerabilities, patches, and assets that meet your priority options are now displayed.





## 011 - Prioritization Report Use-Case: Internet Facing Assets



You can apply patches individually...

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← VMDR Prioritization Export to Dashboard Save & Download

**Prioritized Assets** ⓘ

15 of 40 37.5% of total

**Prioritized Vulnerabilities** ⓘ

588 Instances 16.21% of total 375 Unique

**Available Patches** ⓘ Details

23 Patch Now ▼

Vulnerabilities Patches Assets

Vulnerability  + ?

☐ Actions (0) ▼ Group By: Vulnerability ▼ ☒ Show Only Patchable 1 - 50 of 68 ◀ ▶ ↺ ⚙

CVE	TITLE	QID	TOTAL HOSTS	
<input type="checkbox"/> CVE-2020-0733	Microsoft Malicious Software Removal Tool (MSRT) Privilege Escalation Vulnerability - February 2020	91606	2	<span>Patch Now ▼</span>
<input type="checkbox"/> CVE-2020-17087	Microsoft Windows Kernel Privilege Escalation Vulnerability	91690	2	<span>Patch Now</span>
<input type="checkbox"/> CVE-2020-17008 <span>1 more...</span>	Microsoft Splwow64 Windows Elevation of Privilege Vulnerability	91709	2	<span>Patch Now</span>
<input type="checkbox"/> CVE-2017-5715	Microsoft Windows Security Update for Windows Hyper-V Server (ADV180002) (Spectre/Meltdown)	91428	1	<span>Patch Now ▼</span>





## 011 - Prioritization Report Use-Case: Internet Facing Assets



...or you can deploy all available patches at once. This concludes the Prioritization Report Use-Case for Internet Facing Assets. You may close this window and return to your lab tutorial supplement.

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Restart Pause Done

← VMDR Prioritization Export to Dashboard Save & Download

**Prioritized Assets** ⓘ  
15 of 40  
37.5% of total

**Prioritized Vulnerabilities** ⓘ  
588 Instances  
of 3.63K  
16.21% of total  
375 Unique

**Available Patches** ⓘ Details  
23  
Patch Now ▾

Vulnerabilities Patches Assets

Vulnerability Search... + ?

☐ Actions (0) ▾ Group By: Vulnerability ▾ ☒ Show Only Patchable 1 - 50 of 68

CVE	TITLE	QID	TOTAL HOSTS
<a href="#">CVE-2020-0733</a>	Microsoft Malicious Software Removal Tool (MSRT) Privilege Escalation Vulnerability - February 2020	91606	2 Patch Now ▾
<a href="#">CVE-2020-17087</a>	Microsoft Windows Kernel Privilege Escalation Vulnerability	91690	2 Patch Now
<a href="#">CVE-2020-17008</a> <a href="#">1 more...</a>	Microsoft Splwow64 Windows Elevation of Privilege Vulnerability	91709	2 Patch Now
<a href="#">CVE-2017-5715</a>	Microsoft Windows Security Update for Windows Hyper-V Server (ADV180002) (Spectre/Meltdown)	91428	1 Patch Now ▾



## 011 - Prioritization Report Use-Case: Internet Facing Assets



Scan to go to the interactive player