

Qualys Cloud Platform (VM, PC) 10.x

Release Notes

Version 10.25

January 12, 2024

This new release of the Qualys Cloud Platform (VM, PC) includes improvements to Vulnerability Management and Policy Compliance.

What's New?

Qualys Vulnerability Management (VM)

Support for adding Resource ID in Hitachi ID PAM Authentication Records Addition of QDS Report Filter in Host-Based Scan Report Template Support for Adding TCPS Configuration to Oracle Authentication Records Addition of New Fields in the Excluded Host Setup Integrate the Captcha on the Change Password Page Addition of New Technology Tag for SCA QID Display of QIDs that have Code Modified Date

Qualys Policy Compliance (PC/SCAP/SCA)

Policy Report Template Enhancements

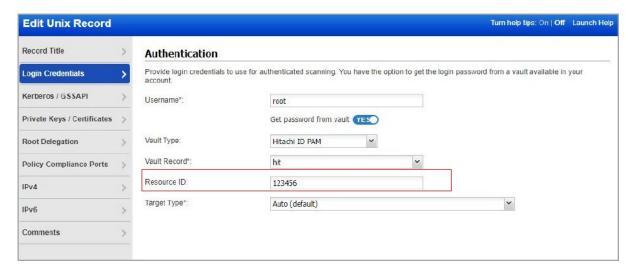
Support for OS Authentication-based Technology - Enghouse Interactive Proteus Enterprise 8.x

Qualys 10.25 brings you many more improvements and updates! Learn more

Support for Adding Resource ID in Hitachi ID PAM Authentication Records

You can now provide resource ID information while creating or updating Hitachi ID PAM authentication records. This enhancement addresses the error that occurs during authenticated scans using Hitachi ID PAM authentication records due to the absence of resource ID information. As a part of this enhancement, the following changes have been made:

• <u>UI Changes</u>: A new Resource ID field has been added while creating or editing the Hitachi PAM authentication records. It is an optional field that allows you to provide the unique identifier of the authentication record to avoid errors while performing authenticated scans.



API changes:

- A new resource_id parameter has been added to the following APIs. It is an optional parameter.
 - o PostgreSQL Record
 - o SAP IQ Record
 - o Unix Record
 - o Windows Record
 - o Pivotal Greenplum Record
- A new <VAULT_RESOURCE_ID> DTD tag is added.

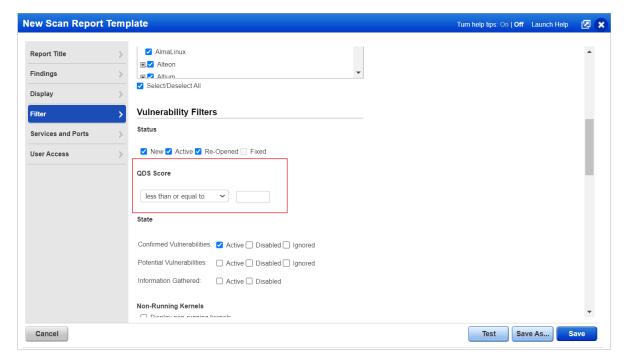
For more information, refer to Cloud Platform 10.25 API Release Notes.

Addition of QDS Report Filter in Host-Based Scan Report Template

In addition to including TruRisk details (ACS, QDS) in your report, you can now use the QDS report filter to further refine the detection data in your report. QDS report filter provides you the ability to filter the detection data based on the QDS.

As a part of this enhancement, the following changes have been made:

- <u>UI Changes</u>: The Filter tab (Scans>Report>Templates>New or Edit>Filter tab) now has a QDS score filter while creating or updating the report template. The following two QDS filter parameters are now available for you to use to display detections in the report based on the selected QDS score filter.
 - greater than or equal to
 - less than or equal to



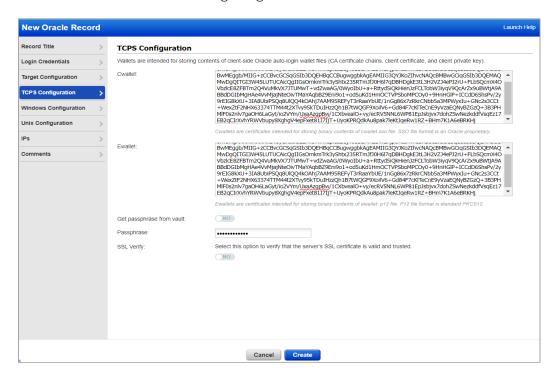
- <u>API changes</u>: The following two new parameters are added to the report template API. For more information, refer to Cloud Platform 10.25 API Release Notes.
 - qds score min
 - qds_score_max

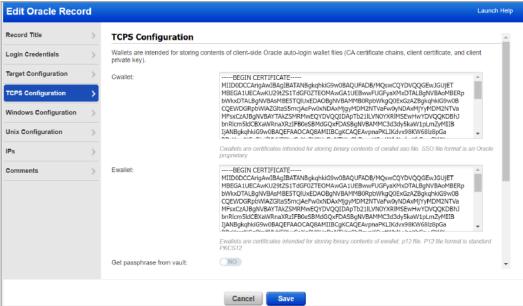
Support for Adding TCPS Configuration to Oracle Authentication Records

You can now add a TCPS configuration while creating or editing the Oracle Authentication records. Once you have configured the TCPS connection protocol for your Oracle database, then you can add the same to the Oracle authentication records in the Qualys Platform. As a part of this enhancement, the following changes have been made:

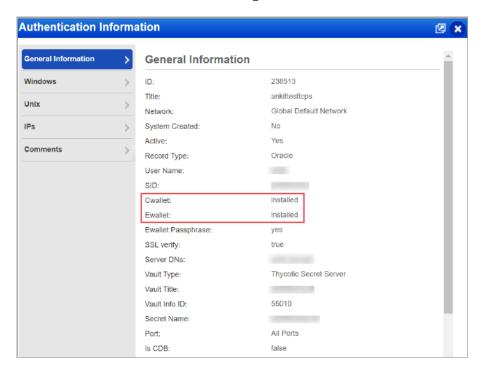
UI Changes:

 A new TCPS configuration tab (Scan > Authentication > New/Edit > Databases > Oracle) is added, as shown in the following images:





• The Authentication Information of the Oracle authentication record has been enhanced to reflect information about TCPS configuration:

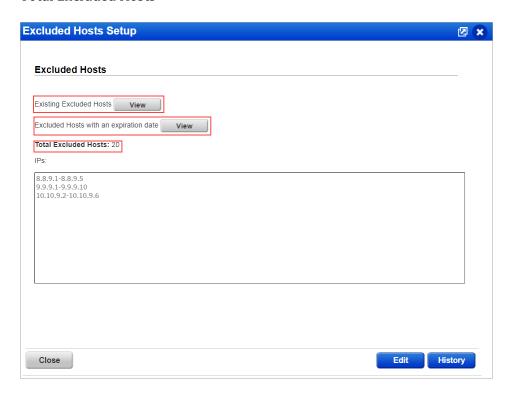


- **API changes:** The following new parameters have been added to Oracle Record API. For more information, refer to the Cloud Platform 10.25 API Release Notes.
 - o ssl_verify
 - o use vault passphrase
 - o server dn
 - o cwallet, ewallet
 - o passphrase

Addition of New Fields in the Excluded Host Setup

We have revamped the Excluded Host setting (**Scans** > **Setup** > **Excluded Host**) by adding new buttons and displaying the total excluded host count. There is also an Expiration column in various views of the dialog that displays the expiration date for excluded IP addresses. The following fields are added to the Excluded Host Setup.

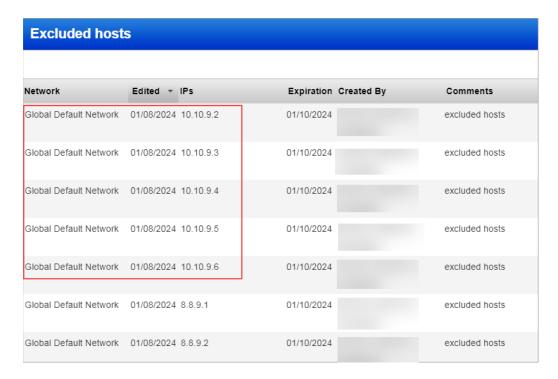
- Existing Excluded Hosts
- Excluded Hosts with an expiration
- Total Excluded Hosts



Using this setting, you can

- View the expiration date of the IP address on the history page.
- Search the IP address of the excluded hosts by downloading the CSV file.
- Remove the IPs from the excluded host based on the specified time period.

With the **Existing Excluded Hosts**, you can view all the existing hosts on a new page with the expanded IP address in each row. You can access the page by clicking on the View button.



Earlier **Excluded Hosts with an expiration date** was in the form of URL which was not user friendly. Now a **View** button is introduced where you can click **View** to see the hosts that have an expiration date. You can also view the count of excluded hosts from the list.



Integrate the Captcha on the Change Password Page

A new field is introduced on the VM/PC module to secure the users from brute forcing of passwords. We have added CAPTCHA to the Change password functionality. Captcha helps in strengthening password security against brute force logins. This field is mandatory while entering the new password.



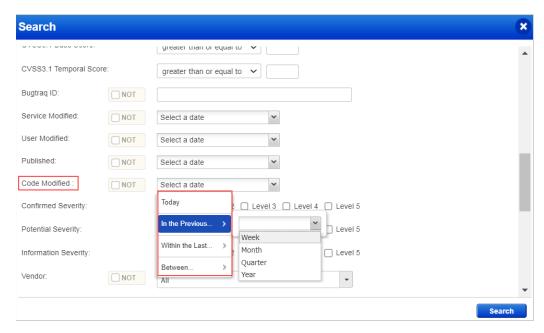
Display of QIDs that have Code Modified Date

Code Modified has been added to the KnowledgeBase Search. Every QID has a signature code. When Qualys makes changes in the signature code, the Code Modified date gets displayed on the UI.

UI Changes:

The Code Modified filter allows you to see code modified QIDs based on the following parameters:

- Between specific dates,
- Within the last few days
- In the previous week, month, quarter, or year
- Today



You can view the QIDS with code modified dates on the following places:

- Preview window of KnowledgeBase listing page
- Vulnerability Information page of a selected QID

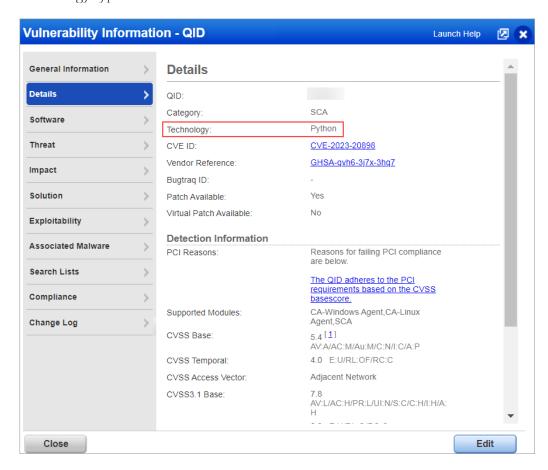
API Changes:

- The following new parameters have been added to KnowledgeBase API. These parameters are optional.
 - o Code_modified_after
 - o Code modified before
- A new DTD <code modified datetime> DTD tag is added.

For more information, refer to Cloud Platform 10.25 API Release Notes.

Addition of New Technology Tag for SCA QID

Multiple technology types can now be associated with a single QID. We have added a new field called Technology in the Vulnerability Information - QID, Vulnerability Edit, and KnowledgeBase Preview windows that display the technology type related to an SCA QID to detect vulnerabilities based on technology type.



Note: This field is visible only if QID has a technology associated with it, otherwise it is not visible on the UI.

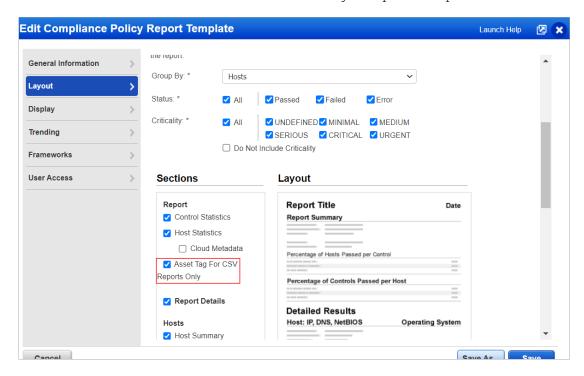
API Changes:

A new DTD <TECHNOLOGY> is added to the Knowledgebase API. For more information, refer to Cloud Platform 10.25 API Release Notes.

Policy Report Template Enhancements

We added the following new features in the **Compliance Policy Report Template** > **Layout**. This feature is available in CSV format:

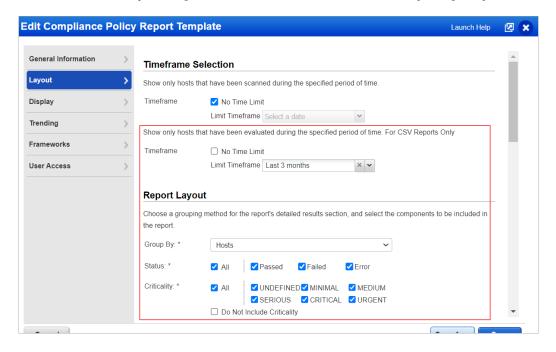
• **Asset Tag For CSV Reports Only**: Using this option, you can now include or exclude asset tag information associated with the assets in the Policy Compliance report.



Notes:

- o To use this feature, it is necessary to have Cloud Platform v10.25 and installed.
- o For existing Policy Compliance report templates, this option is not selected by default. If you generate a report using an existing template, the asset tag information will be shown in the CSV report. However, if you modify the existing template for different settings and leave the Asset tag option unselected, and save the template, the CSV report will not include asset tag information when you generate a report using this modified template.
- o For new templates, this option is selected by default.

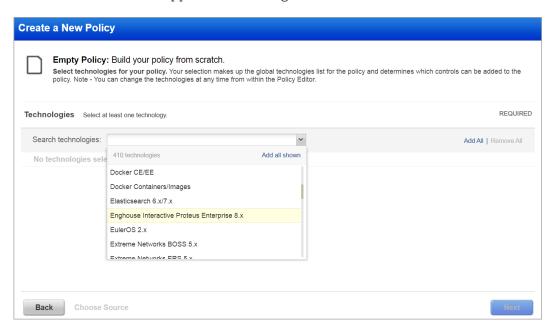
• **Timeframe selection**: You now have the option only to show the compliance data for hosts evaluated within a certain timeframe. The report summary, host statistics, and detailed results sections of your report will be based on the timeframe you specify.



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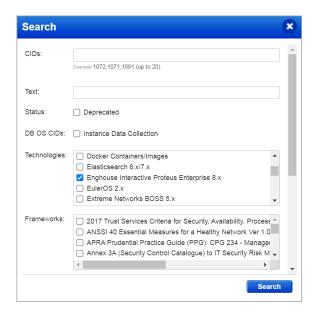
Policy Editor

When you create or edit a compliance policy, Enghouse Interactive Proteus Enterprise 8.x is now available in the list of supported technologies.



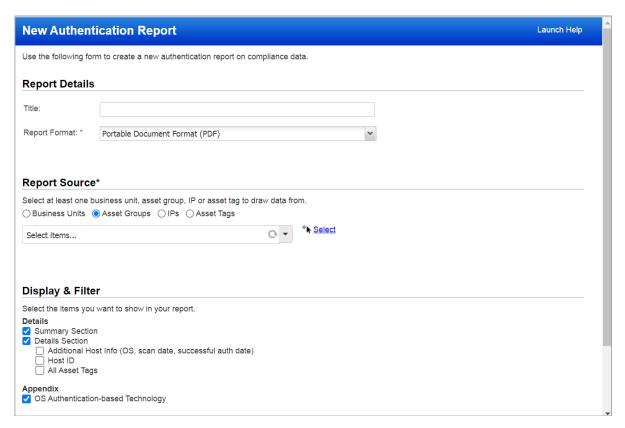
Search Controls

When you search controls, you see Enghouse Interactive Proteus Enterprise 8.x in the list of technologies. Go to **Policies** > **Controls** > **Search** and select Enghouse Interactive Proteus Enterprise 8.x in the list.

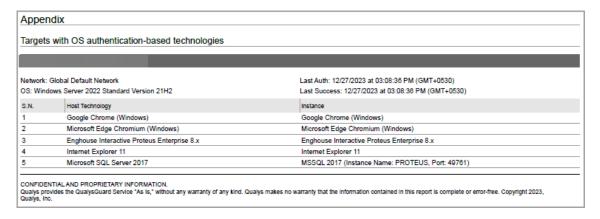


Authentication Reports

To display all OS auth-based instance technologies per host, including Enghouse Interactive Proteus Enterprise 8.x in your authentication report, go to **Reports > Compliance Report > Authentication Report**, and enable the OS Authentication-based Technology option under the Appendix.

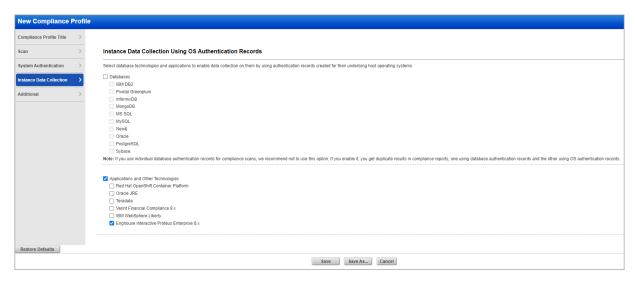


Scroll down to the **Appendix** section of your authentication report to see Enghouse Interactive Proteus Enterprise 8.x mentioned under **Targets with OS authentication-based technologies**.



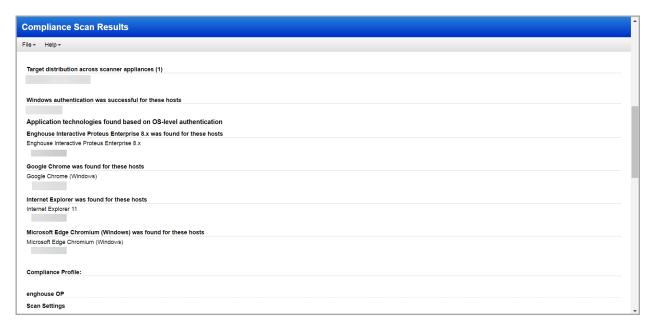
Option Profile

Make sure you have enabled the OS Authentication-based Technology option. Under **Scans**, select **Option Profiles** > **Instance Data Collection**. The Enghouse Interactive Proteus Enterprise 8.x is available under **Application and Other Technologies**.



Scan Results

Enghouse Interactive Proteus Enterprise 8.x is now listed under **Application technologies found** based on **OS- level authentication** in the **Appendix** section of a compliance scan result.



Issues Addressed

The following issues are fixed with this release.

Component/Category	Application	Description
VM - Feature Request	Vulnerability Management	The Excluded Hosts list (Scans > Setup > Excluded Hosts) did not display all the details about the excluded hosts and the count of excluded hosts. Now, the Excluded Hosts feature has been improvised to display details like the number of excluded hosts, edited date, expiration date, and added by. Users can also download the list for their convenience.
SCA Reports	Policy Compliance	When a sub-user selected Select Asset Tag (tags assigned to the user) as the report source while executing a policy compliance report, the compliance data pie chart did not appear. The relevant code changes have been made to fix this issue. However, if a sub-user assigned to only asset tags generates a report for a policy with only asset groups and no associated tags by selecting All Assets in Policy as the report source, the report will be generated as blank. This is an expected behavior.
VM - Reports General	Vulnerability Management	When generating a Patch report in XML format with special characters in the VENDOR_ID tag, page parsing errors occurred due to illegal characters. To resolve this issue, the XML format has been modified from <vendor_id>text here</vendor_id> to <vendor_id><![CDATA[text here]]></vendor_id> .
CompSig - Policies	Policy Compliance	While creating and saving a policy, CDATA tagging was missing in controls having multiple dps. This issue is now fixed, and the policy is now getting saved
VM - Assets	Vulnerability Management	While viewing netblock ranges (click Asset > Domain>Quick Actions> Info), the scrolling functionality was not working as expected. The user was unable to scroll down the list to view additional IP ranges. The relevant code changes have been made to fix this issue.
VM - User Management	Vulnerability Management	Qualys does not support receiving Scanner Appliance Heartbeat Check notifications for the Contact user role. However, during the creation or modification of the Contact user role, the user setting option to receive this notification was still available on the UI under Other Notification. This

Component/Category	Application	Description
		option has been removed from the UI.
VM - Reports General	Vulnerability Management	While generating a scan based report in PDF format that contained QIDs with a large result section, the user encountered an error. This issue is now fixed.
VM - Scans	Vulnerability Management	When a user tried to search the scan list in the search panel by a particular word or character in the scan tab. The search panel was displaying only the latest scan result, and the page count was also not correctly seen. Now, the search panel displays the correct list and page count on the scan listing page.
VM - Scan Based Report	Vulnerability Management	When the user was downloading the scan report in CSV format, it was stuck at 80% of download. There was an interrupted error on the browser window. Relevant code changes are made to fix this issue. Now, the users can generate the scan report properly.
PC scans	Policy Compliance	IP addresses like x.x.x.x/32 to the asset group were not getting saved. We have resolved this issue by extending our support to CIDR /32 IP address format.
VM Scan	Vulnerability Management	Users could not view installed Scanner Trusted CAs under VMDR > Setup > Scanner Trusted CA. Clicking any of the trusted CAs resulted in a loading message, but no information was loaded. We improved our VM Scan logic to resolve this issue.
VM Assets	Vulnerability Management	We have resolved the issue of vulnerability data not loading correctly on the Host info page.
VM Report	Vulnerability Management	"Exploitability" and "Associated Malware" columns were displayed in the scan report (CSV format) despite both options were not selected in the "Scan Report Template" when a user was creating the scan template using the Scan Template API (/api/2.0/fo/report/template/scan/?action=create).