



Illumio[®] Core
Version: 22.1.3

Release Notes

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14000-100-22.1.3

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Welcome

These release notes describe the resolved issues and known issues for the Illumio Core 22.1.x releases.

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What's New in This Release

To learn what's new and changed in 22.1, see the [What's New in This Release](#) guide.

Product Version


PCE Version: 22.1.3 (Standard)

Release Types and Numbering

Illumio Core release numbering uses the following format: “a.b.c-d+e”

- “a.b”: Standard or LTS release number, for example, “22.1”
- “.c”: Maintenance release number, for example, “.1”
- “-d”: Optional descriptor for pre-release versions, for example, “preview2”


Resolved Issues in 22.1.3-PCE

 Illumio Core 22.1.3 is available for Illumio Core Cloud customers only. This release is not available for Illumio Core On-premises customers to download to install in their data centers.

- **Services in Explorer are mapped based on the port regardless of the process** (E-92125, E-91017)
Services in Explorer were being mapped incorrectly. This issue is resolved.

- **Some flows do not report the Windows service and show Blocked for Windows service rules** (E-92124, E-91016)
Explorer sometimes showed incorrect Windows service information for some flows. This issue is resolved. When the VEN does not report complete information, Explorer now infers the Windows service name based on other observed flows.
- **Spurious traffic and rules showing as blocked post-upgrade** (E-92123, E-90685)
Sometimes Explorer would show spurious reports of traffic blocked to non-existent services based on non-existent rules. This issue is resolved. When a Windows process-based rule allows traffic, the traffic is allowed outbound (off the client workload) regardless of the resulting destination process. Draft view in Explorer has been fixed to reflect this behavior.

Updates for 22.1.2-PCE

 Illumio Core 22.1.2 is available for Illumio Core Cloud customers only. This release is not available for Illumio Core On-premises customers to download to install in their data centers.

This release has both resolved issues and these updates.

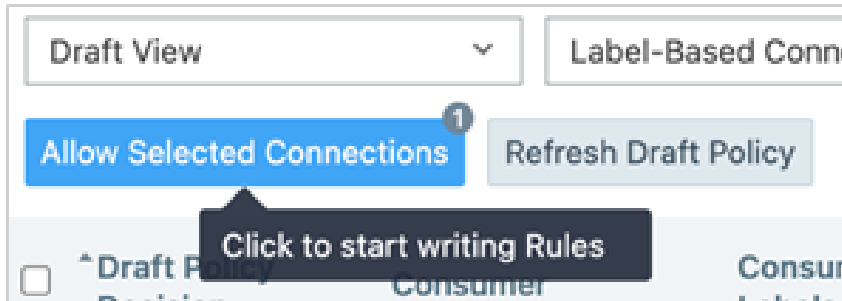
Resolved Issue in 22.1.2-PCE

- **Vulnerability Exposure charts in the Executive Summary report did not include data** (E-89799)
In the Executive Summary report, the sections of the report for Vulnerability Exposure were empty or displayed zeros. In particular, the “Vulnerability Exposure (All App Groups)” section displayed “0” for the V-E score; the “Most Vulnerable Workloads” section displayed “NO DATA AVAILABLE;” and the “Most Vulnerable App Groups” section displayed “0.0” as the V-E score for each app group. This issue is resolved. In this release, each section providing Vulnerability Exposure displays the correct data for your managed environment.

Enhancements in 22.1.2-PCE


- **In Explorer, the Allow Selected Connections button provides a tooltip indicating when the rule-writing capability is available** (E-89808)
In the previous release, the **Allow Selected Connections** button was greyed out when traffic flows were selected. This is expected behavior because the **View** and **Connections** drop-down menus must have the correct settings to enable rule-writing capability in Explorer. However, the widget design could cause confusion. In this release, **the Allow Selected Connections**

button now includes tooltips to explain the requirements to enable the button. For example, the following image shows the tooltip displayed once the correct values are set and the button is enabled:




- **Executive Summary report now includes a 90-day option for the time range** (E-89764)
In this release, when you configure an Executive Summary report, you can now choose 90 days as the time range of the report.
- **In Explorer, you now have the option to refresh Draft policy** (E-89756)
In previous releases, customers did not have an easy way to refresh the display of Draft policy in Explorer. To address this issue, Illumio has enhanced the Explorer page by providing a **Refresh Draft Policy** button.

Resolved Issue in 22.1.1-PCE

 Illumio Core 22.1.1 is available for Illumio Core Cloud customers only. This release is not available for Illumio Core On-premises customers to download to install in their data centers.

- **Filtering VENs by non-default filter property sometimes failed** (E-88202)
When attempting to filter VENs by a non-default filter property for which there were no matches, the filter reverted to the default filter property. This issue is resolved.

Resolved Issues in 22.1.0

 Illumio Core 22.1.0 was an unreleased version of the Illumio Core software. Illumio Core Cloud customers will not see these version in their environments; however, the resolved issues in this release are available in Illumio Core 22.1.1-PCE.

Policy and Workloads

- **In some cases, blocked traffic was erroneously shown to be allowed in Explorer and Illumination Draft View (E-86181)**

Given a rule that allows traffic on a specific port/protocol using a specific Windows service (for example, 135 TCP %SystemRoot%\System32\lsass.exe):

- Under certain query conditions, **Draft View** erroneously showed traffic to be allowed over the same port/protocol but using a different Windows service (for example, 135 TCP %SystemRoot%\System32\svchost.exe).
- **Reported View** correctly showed such traffic to be blocked and traffic was blocked in Enforcement Mode, but this was unexpected for customers who relied on Draft View.

This issue is resolved. The PCE now checks the rule for Windows service properties, and Draft View in Explorer and Illumination correctly reports when such traffic is allowed or blocked.

- **Clone re-activation triggers an error in the policy sync. (E-86005)**
For endpoints in Core, clone re-activation could result in an error in the policy sync. This issue is resolved. Cloned VENS already in an error state should be unpaired and reaired.
- **AUS rules could fail to allow outbound traffic to virtual services (E-83508)**
When an AUS rule included a virtual service in the provider field or a label in the provider field applied to the virtual service, the rule could fail to allow outbound traffic to that virtual service when it should be allowed. This issue is resolved. In this release, rules with virtual services in the provider field correctly allow traffic for AUS users.
- **Virtual server events API could return missing or incorrect data (E-81611)**
When using the Events API to update a virtual service, the API did not expose label deletion information in the resource changes section. This issue is resolved. In this scenario, the Events API now exposes label deletion information.
- **The timestamp "updated_at" was not changed when a workload label was edited (E-68720)**
When workload labels are updated through the API or the PCE web console, the timestamp "updated_at" in the workload API response was not updated. This issue is resolved and the field "updated_at" is now updated with the correct timestamp information.

PCE Web Console

- **Problem when filtering workloads by IP address (E-86674)**
When filtering workloads by IP address in **Workloads and VENS**, the filter type changed to **Name** when the last digit of the IP address was entered in the filter field, so no matches were

found. This issue is resolved. Once selected, the **IP Address** filter type persists when filtering by IP address.

- **Events "Today" preset filter failed to return results** (E-86124)
Clicking the **Timestamp: Today** preset filter returned no results when filtering events on the PCE (**Troubleshooting > Events**). This occurred even though events were generated on the current day. This issue is resolved and the **Today** preset now returns events generated on the current day.
- **Event forwarding UI rejects FQDNs containing underscores** (E-86061)
When configuring the PCE to forward syslogs to an external server (**Settings > Event Settings**), addresses that include the underscore character (`_`) were disallowed and the message **Invalid address** appeared below the **Address** field. This issue is resolved. The Address field now accepts addresses that contain underscores.
- **Loopback interfaces in use not showing up on the Label Groups list page** (E-85509)
This issue is resolved. This feature now works as expected.
- **All Services search option not available in Rule Search UI** (E-84582)
When performing either a Basic or an Advanced search for rules in Illumio Core (**Rulesets and Rules > Rule Search**), the **All Services** option was not available. This issue is resolved. The **All Services** option shows as expected.
- **Can't edit an unmanaged Kerberos workload after it's been activated & deactivated** (E-84570)
If the VEN reported multiple of the same process running (such as. `svchost.exe`), the workload could not be edited after it was deactivated. This issue is resolved.
- **Events page missing information for workload.offline_after_ven_goodbye event** (E-84391)
When the PCE encountered the `workload.offline_after_ven_goodbye` event, it didn't display the name, hostname, HREF, and labels for the affected workload in the PCE web console **Events** page. This issue is resolved. The **Events** page now displays this information for affected workloads.
- **Mislabeled link appeared in error on Enforcement Boundaries page** (E-83149)
If you logged in to Illumio Core as a Supercluster member, navigated to **Rulesets and Rules > Enforcement Boundaries** and there were no enforcement boundary rules to display, the link **Add a new Pairing Profile** appeared in error. There were two problems with this:
 - The link was mislabeled. The label should've specified creating an enforcement boundary.
 - Users logged in as Supercluster members should not have seen a link in this case.
- **The Events filter "Generated By" allows only System and Users** (E-81277)
This issue is resolved. The filter shows "Generated by Agent" unless the Agent was unpaired, deleted, or removed.

Data Visualization

- **Rule merging not working with multiple same-type labels** (E-87731, E-87531)
Rule merging was not working for rules with multiple labels of the same type. This issue is resolved.
- **Intermittent database backup failure on MNC & Supercluster** (E-86880)
Backup failure was caused by temporary tables, which have not been ignored.
Backup failure was caused by reporting database temporary tables, which have not been ignored. This issue is resolved.
- **Draft view between Virtual Service labels and IP lists returned an incorrect result** (E-86830)
In Illumination and Explorer, the draft view policy decision for a flow between labels for Virtual Services and an IP list might have been incorrect. This issue is resolved.
- **Missing Reorder Rules option** (E-86755)
The **Reorder Rules** option was missing from **Rules and Rulesets > Segmentation Rulesets > Scopes and Rules** . This issue is resolved. The Reorder Rules option now appears as expected.
- **Explorer queries fail when filtered on labels** (E-86565)
Explorer queries were failing when they were filtered on labels involving deletion pending Virtual Servers after the NEN has reported that the virtual server is removed on the SLB device. This issue is resolved.
- **Incorrect number of IP addresses reported for traffic flow in App Group Map** (E-85418)
When viewing details about an application in the App Group Map and setting the time filter option to **Anytime**, too few IP addresses were reported to be contributing to the traffic flow. Narrowing the time period by moving the slider to the right allowed all IP addresses contributing to the flow to be displayed. This behavior was unexpected; the number of IP addresses reported when Anytime is selected shouldn't be less than when the Time filter is set to a narrower time frame. When traffic from different IP addresses used the same port to run different Windows services, selecting **Anytime** allowed IP addresses from the oldest Windows service to be displayed, which was a subset of the actual number of IP addresses contributing to the flow. Narrowing the time period allowed the other IP Addresses from newer Windows services to be displayed. This issue is resolved. The number of IP addresses reported is now correct when the **Filter by Time** setting is set to **Anytime**.
- **High CPU utilized by Redis server on primary data node** (E-85396)
High CPU was utilized by a Redis server 6200 on the primary data node. This is considered to be normal behavior.
- **Qualys vulnerability reports failing to import when using the CLI Tool** (E-85068)
Qualys vulnerability reports could fail to upload into the PCE when using the CLI (ILO) Tool. This issue occurred when the scan reports in the XML file had overly long names. This issue is resolved. In this release, the CLI Tool successfully uploads Qualys vulnerability reports even when scan reports in the XML file have long names.

- **Deleted labels from proposed ruleset page showing in rules (E-85046)**
While working with enforcement boundaries, users observed that the deleted labels from the proposed ruleset page are showing in rules along with new labels. This issue is resolved and the deleted labels do not show together with new labels any more.
- **Explorer queries could return zero results when searching by FQDNs that had wildcard characters (E-85032)**
This issue occurred because of the way that the PCE supported FQDNs with wildcard characters. It didn't support FQDNs with wildcard characters in IP lists at all. In user-specified FQDNs, the PCE supported wildcards in domain names but only when the wildcards appeared at the beginnings or ends of the domain names; for example, *.wms.windows.com was supported but foo.*.bar wasn't supported. This issue is resolved for both cases. Explore queries that search by FQDNs that have wildcard characters correctly return results.
- **High latency could impact Illumination map display in PCE web console (E-84816)**
When a user viewed the Illumination map, the PCE web console always refreshed map data regardless of currentness. This behavior could impact performance. This issue is resolved. In this release, the PCE web console will display cached data in the Illumination map when the map has less than 200 workloads (controlled by the user's workload RBAC permissions).
- **Database backup could fail with an error message that illumio/tmp subdirectory already exists (E-84731)**
When the ephemeral_data directory was universally writable, backing up traffic and reporting databases could fail and return a confusing error message. This issue is resolved. In this release, the PCE checks whether the ephemeral_data directory is universally writable before the backup runs and, if it is writable, returns an informative error message.
- **Top Detected Processes of a Core Service shows empty results (E-84618)**
IP is detected as a core service but Explorer returns no results. This issue is resolved and the feature works as expected.
- **Legend wasn't clear in Executive Summary Reports (E-84343)**
In Executive Summary reports, you view data over a time range. These sections include a legend on the left that displays data for the report time range only. The right side displays the data in stacked bar graphs each time the recurring report is run. When the report was run daily, the legend didn't include a date so it appeared that data was aggregated across all recurring reports, which isn't correct. This issue is resolved. In this release, the legend includes the date for the data. Additionally, the following fields in the feature have clearer values:
Add Report > Time Range: "Last 24 Hours" changed to "Last Day"
Report PDF > Top Summary > Time Range: "1 day" changed to "Last 1 day"
- **Sorting for Unknown IP Detected Core Services not working (E-84070)**
Sorting on the Server column for Unknown IP Detected Core Services is not working properly and both the ascending and descending sorting show the same values. However, sorting for Workloads works properly. This issue is resolved and the feature works as expected.
- **A deleted unmanaged workload of an accepted core service is still listed in the Accepted tab (E-84067)**

The deleted unmanaged workload is showing under the Accepted Tab with the Server IP. This issue is resolved and the feature works as expected.

- **Global Explorer queries could fail at least half the time** (E-83921)
When the Supercluster leader was deployed in a split data center, Global Explorer queries could fail 50% of the time. This issue is resolved.
- **Unexpected and Incorrect 'Permission Denied' alert in the GUI** (E-83445)
A user who doesn't have Global Org Owner permissions gets the 'Permission Denied' error when he/she tries to use to Explorer page. However, the user was able to perform the required action despite the error. This issue is resolved and the incorrect error was removed.
- **Killed/timeout query doesn't show in Explorer result** (E-83338)
After an Explorer query was killed or timed out, this query would disappear on the results page, making it impossible to track a failed query. This issue is resolved.
- **Labels unnecessarily added in rules** (E-81286)
For the extra-scope rules, Illumination was unnecessarily adding into the rules the labels that are already in the scope of the ruleset. This issue is resolved.
- **Switching categories in an Explorer filter adds extraneous text to the filter** (E-80938)
When switching between categories in the Explorer query filters without selecting an option from the category, the PCE web console was adding the connector "or" to the filter. This issue is resolved.
- **App group name showing in error** (E-76638)
App group name was shown in the consumer or provider filter for the workload manager role. This issue is resolved and the group name is now shown only to the users with workload manager roles.

PCE Platform

- **LDAP authentication failed with the error "403 Forbidden"** (E-87472, E-87143)
User authentication would sometimes fail when the user was a member of a large number of external groups. This issue is resolved.
- **Deleted service account names appeared while filtering service accounts** (E-86771)
Deleted service account names appeared in the dropdown list while filtering service accounts on the Service Accounts list page of the PCE web console. This issue has been resolved. Deleted service accounts no longer appear in the dropdown.
- **Too many matching results on the Access Wizard page** (E-85603)
In the Add Principals dropdown list of the Access Wizard page, invalid items could appear. This was caused by the inclusion of service accounts. This issue has been resolved. Only valid users and groups now appear in Matching Results.
- **Access denied when editing API Key Settings** (E-85673)
When trying to edit API Key Settings, SaaS customers without root permissions received the message `Unable to Edit Service. Access denied.` This issue is resolved, and now global org owners can edit API Key Settings.

- **Support bundle wasn't generated when fileserver failed over** (EYE-85198)
When using **Troubleshooting > PCE Support Bundles** in the PCE web console, an error sometimes occurred if the fileserver failed over. The support bundle functionality couldn't detect the correct fileserver and the support bundle couldn't be created. This issue is resolved.
- **Couldn't log into the PCE** (E-84777)
If the web server was under heavy load, occasional failures could occur when attempting to log in to the PCE. This issue is resolved.
- **Unnecessary number of PCE events generated for SA API key expiration and deletion jobs** (E-84693)
A PCE event was generated whenever a Service Account (SA) API key expiration and deletion job ran, regardless of whether any SA API keys were expired or deleted at the time. As a result, an unnecessary number of events were generated. This issue is resolved. Now, SA API key expiration and deletion jobs generate an event only when there are such keys that have expired or have been deleted.
- **API returned incorrect values for service account API key management** (EYE-84459)
Querying with the `api_key` API returned incorrect values for X-Total-Count and X-Matched-Count. This issue is resolved. Correct values are now returned when querying with the `api_key` API.
- **Updated query parameters for API keys** (E-84388)
Some parameters have been renamed or deprecated to allow differentiation between the type "user" and "service_account:"
 - query parameter "name" is retained for the type "service_account"
 - query parameter "name" is changed to "username" for the type "user"
 - query parameter "service_account_name" was deprecated and consolidated to "name"
 - query parameter "api_key_name" was deprecated and removed as not needed
- **LDAP user unable to log into PCE when directory search returned more than one result** (E-83974)
User authentication could fail for user DN's that had LDAP entries below them. This configuration is common for user devices, such as `ExchangeActiveSyncDevices`. This issue is resolved. In this release, the PCE only queries the LDAP directory for username attributes that are an exact match.
- **Error occurred when editing labels or unpairing workloads** (E-83924)
When you added a scoped role to a user with an unrestricted role, then tried to edit the labels on a paired workload or manually unpair a workload, a "500 Internal Server Error" occurred. This issue is resolved.
- **Make pairing profile last_pairing_at work in Supercluster** (E-44526)
There was a request to make the pairing profile `last_pairing_at` work in a Supercluster. This issue is resolved.

Known Issues in 22.1.3

PCE Web Console

- **Warning message about discarding pending changes doesn't always appear** (E-82420)
If you click your browser's Back button when creating or editing a ruleset, the warning message "Are you sure? Leaving this page will discard pending changes" doesn't appear. However, the message does appear if you attempt to navigate away from the page by clicking options in the PCE web console.
- **Filtered searches for workloads on Virtual Servers page returns incorrect results** (E-82414)
The following happens when you search for workloads on the Virtual Servers page:
 - After searching for workloads by label, the search doesn't work and the full list of workloads continues to display regardless of your search criteria.
 - In searches that don't return any matching results, the reported page count is erroneous.
- **Specifying multiple labels within each label type is not supported** (E-73039, E-72388)
You can filter one label per Role, Application, Environment, or Location label type. While you have the ability to indicate multiple labels in your search filter within each type, you will not receive any results.
- **Incorrect count in selector static categories** (E-68895)
When a user enters a value in a selector in the PCE web console, the options matching the input are displayed along with the matched and total count. In the case of Static categories, the matched count is correct but the total count displayed is incorrect.
Workaround: While a workaround is not available, the issue occurs only when the user filters a static category. The matched count is correct but the total count is incorrect and will be resolved in a future release.
- **No error message is displayed after typing in an invalid port** (E-68255)
When you enter an invalid port number while editing a service, the PCE still displays options to select from. When you move to another field without making a selection, the entered letters/digits are not cleared to reflect that the entered value was not selected. It can appear that the value you entered was accepted even though invalid.
Workaround: Press ENTER after entering text. When the combination was valid, it will be selected. Otherwise, it will be cleared.
- **Filtering by an Invalid Protocol in the Services List page displays all services** (E-68251)
When you type an invalid protocol and presses ENTER, the protocol appears as a filter item but the list page is not refreshed. The PCE web console validates the entered protocol and refreshes the page only when the protocol is valid.
Workaround: There is no workaround but this is only a cosmetic issue.

- **Filtering by an invalid port in the Services List page displays an error (E-68249)**
When you filter the Services list using an invalid port, you receive the 406 error: "Port value out of range." The port filter category is a free search and your input is passed to the PCE without validation.
Workaround: Clear the entered port number and filter the list with a value in the valid port range.
- **Wildcard in workloads filter not working (E-65232)**
In the Workloads page of the PCE web console, the asterisk (*) wildcard is intended to be supported in a filter expression for filtering the workload list; see [Use a Wildcard to Filter Workloads](#). However, while the UI accepts the asterisk as a valid character, the filter will always return zero results, even if there are workloads that should match the filter expression.
- **Filter doesn't handle the percentage symbol (E-64904)**
When users select a filter option from the drop-down list, the selected value is added to the URL. If the selected value contains the percentage symbol (%), the UI throws an error, and a blank page shows up.
There is no workaround, but this is a rare situation because the % symbol is not used much in values.
- **Clicking deleted ruleset in Policy Versions shows "Resource Not Found" (E-62929)**
In the PCE web console Policy Versions page, when you click the name of a deleted ruleset, the message "Resource Not Found" is displayed. This is because the deleted ruleset does not exist in that version. The message is correct, but not as informative as it could be.
- **API call to switch multi_enforcement_instructions_request returns error (E-59518)**
A REST API call to switch `multi_enforcement_instructions_request` returns an incorrectly handled error. This issue will be resolved in a future release.
- **Cannot create a rule with a label type defined in the Scope (E-59100)**
In the UI, you cannot create a Rule with a label type that has also been used in the Scope.
Workaround: You can create such a Rule using the API.
- **Pressing Enter doesn't select the default option in the dialog box (E-53831)**
When the PCE web console displays a dialog box, pressing **Enter** might select an action other than the default.
Workaround: Use your mouse to click the required button in the dialog.
- **PCE web console doesn't provide warning for out-of-scope Rule entities (E-29502)**
You are incorrectly allowed to select a workload as a provider for a rule, even if the provider's labels do not match the labels of the specified scope.

Policy and Workloads

- **Container workload profile updates could generate a PCE error (E-84624)**
Occasionally, updating the labels or enforcement mode of a container workload profile fails with a 500 Internal Server Error. This is caused by concurrent C-VEN and Kubelink

background activity.

Workaround: The update should succeed by retrying the PUT request.

- **Tunnel IP appears on VM's inbound port unnecessarily in Illumio policy (E-84081)**

In a policy managing traffic between a Kubernetes pod (Consumer) and an external managed Virtual Machine (Provider), the managed VM has both the Host IP and the Tunnel IP on the inbound port. Illumio needs only the pod's Host IP on the external VM; the host's tunnel IP address is unnecessary. While this situation doesn't impact functionality, Illumio plans to correct this in a future release.

- **Enforcement Boundary filter returns Potentially Blocked flows mislabeled "no Rule" (E-83415)**

Enforcement Boundaries filtered by IP Lists and displayed in the Draft View include Potentially Blocked flows that are labeled "no Rule" instead of "Blocked by Boundary." As it's not possible to enforce a boundary on flows with no rules, the "no Rule" status appears in error.

Workaround: If you see the "no Rule" status in these circumstances, assume that the flows are "Blocked by Boundary."

- **Virtual Servers could be marked as pending deletion when unexpected F5 errors occur (E-83175)**

In rare cases in which the NEN receives an unexpected error from the F5 device during Virtual Server discovery, the Virtual Server could appear in the "Deletion Pending" state on the PCE. You can safely revert these Virtual Servers if they still exist on the F5. The policy is not affected by this issue.

- **Virtual Server Mode does not map directly to the management state in the Web Console (E-78370)**

Any virtual server discovered on an SLB is considered to be in the "Managed" state when it has a corresponding entry in the virtual server list page. A managed virtual server could be either Not Enforced or Enforced. The virtual_servers object in the API returns a "Managed: Not Enforced" virtual server as "unmanaged."

- **Incorrect error message displayed when ruleset renamed to a name that's in use (E-74498)**

On creating and provisioning rule set, for example, rule set A, renaming it to B, then creating ruleset A and reverting modifications to ruleset B, the UI displays an incorrect "500" error instead of an error message informing that the ruleset name is already in use.

- **Policy restore impacts the virtual services of a container cluster (E-73979)**

The existing issues are as follows:

- When policy is restored to a version before the creation of a container cluster's virtual services, the container cluster's virtual services are marked for deletion in the draft change.
- When a container cluster is deleted, restoring its virtual services is possible through policy restore.

- **Rule search incorrectly calculates label-groups in Scopes (E-72318)**



When a rule has label groups in the scope, multiple scopes are created and traffic is not allowed between scopes unless specified with extra-scope rules. For example, Workload 1 and

Workload 2 cannot talk to each other based on the policy because they are in different scopes. However, rule search for Workload 1 to Workload 2 allows access by this rule.

- **Inconsistencies in rule coverage for the Windows process-based rules (E-71700)**
The draft view of Illumination and Explorer could show an incorrect draft policy decision for traffic covered by a rule using a service with a Windows process or service name. This generally happens when there is a port/protocol specified in the rule in addition to the process/service name, or when a non-TCP/UDP protocol is used in the rule. In these cases, the reported view will provide the correct policy decision as reported by the VEN based on the active policy.
- **Incorrect Group Label count is displayed while editing a group for a workload (E-68691)**
Workaround: This issue can be resolved by backend providing a subset of results with the total filtered count.
- **Rule search with virtual service and labels returns an incorrect rule (E-65081)**
When a rule is written with a virtual service whose labels conflict with the ruleset scope, and a rule search is done for the virtual service, the rule search could return the rule even though the rule does not apply due to the scope conflict.
Workaround: Use rule search to ensure that the rule applies to the virtual services and the scope labels separately.
- **Unable to select multiple protocols in Rule Search (E-57782)**
If you try to select multiple protocols in Rule Search, you cannot select a second protocol after selecting a protocol once. For example, if you select TCP and then want to select UDP, the UI does not display the protocol option again.
Workaround: This issue is only an issue in the PCE web console. Using the REST API, you can select multiple protocols and obtain the correct search results.

Data Visualization

- **Last Month time filters incorrectly show for a set timeframe < 30 days (E-84022)**
Last Month's time filters shouldn't appear when the option `max_explorer_query_timespan_days` is set to < 30 days in the enforcement boundaries Blocked Connections page.
Workaround: Not available
- **Can't filter Enforcement Boundary blocked connections by "Potentially Blocked" (E-81968)**
When viewing the blocked connections for an Enforcement Boundary (**Rulesets and Rules > Enforcement Boundaries > Blocked Connections** tab), the drop-down list of filters does not include the "Potentially Blocked" option under **Draft View**.
Workaround: Not available
- **Drop-down lists and buttons misaligned in the Explorer page (E-81916)**
When selecting Draft View for an Explorer query, the drop-down lists and buttons above the query results are not correctly aligned with the columns in the results table.
Workaround: None; however this issue is cosmetic only and does not impact the query results.

- **Refresh icon in Illumination doesn't update the map** (E-81744)
Clicking the refresh icon () in Illumination to recalculate map data doesn't update the map with new workload details. However, clicking the **Refresh** button in the **Workloads and VENS > Workloads** page updates the list with new information.
- **Clearing the traffic counters for virtual services doesn't remove the links in the Illumination map** (E-81658)
Clicking the **Clear Traffic Counters** link in the Illumination control panel for virtual services doesn't clear the traffic links between the virtual services in the map.
Workaround: After clearing the traffic counters for virtual services, click the refresh icon () to recalculate the map data. The links disappear after refreshing the Illumination map.
- **Vulnerability - V-E score is not showing correctly** (E-73277)
V-E score is not correct when compared with V-E score column and Total V-E score. For example, when adding V-E score column showing as a 69.8 the Total is showing as 71 instead of 70.
Workaround: Not available
- **VES and E/W exposures wrong for the internet and other workloads** (E-73023)
If a rule provides a service on a vulnerable port/protocol to the internet and to some set of workloads, the workloads in the port exposure are not counted. This leads to a VES of 0 instead of larger than 0. The exposure calculation is correct if the internet is not provided as a consumer.
Workaround: Not available
- **Add Rule panel not displaying for selected traffic with right-click actions** (E-68548)
On right-clicking on selected traffic and clicking Add Rule, the Add Rule panel should display for selected traffic. Instead of the current selection, it displays the previous Add Rule panel for other selected traffic.

PCE Platform

- **The agent.activate events are not always classified correctly** (E-74682)
Events generated when an agent is activated (`agent.activate` events) are categorized inconsistently. Success events are classified as `auditable`, and failure events are categorized as `system_events`.

REST API

- **Events API: Missing information for Access Restriction** (E-82044)
Auditable events generated during create/update of access restriction do not project the changes correctly.
- **Vulnerability APIs should distinguish between O/syncing/NA Exposure scores** (E-71689)
Users might get confused when the workload list page shows as Syncing and the workload

vulnerability tab shows as N/A.

Workaround: This is a cosmetic issue and no workaround is available.

Security Information

For information about security issues, security advisories, and other security guidance pertaining to this release, see illumio's Knowledge Base in illumio's Support portal.

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