



# Netskope Release Notes

## Version 66

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## Company Information

Netskope

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## New Features and Enhancements

Category	Feature	Detailed Description and Benefits
App Connector	LumApps	<p>New coverage. LumApps is a social intranet for the Google environment. It is a SaaS solution based on the Google Cloud Platform.</p> <p><b>Activities:</b> View All, Post, Create, Rename, Like, Dislike, Upload, and Download</p> <p><b>Platforms:</b> Browser</p> <p><b>DLP Supported:</b> Post, Upload, and Download</p>
App Connector	Amazon Virtual Private Cloud (VPC)	<p>A new connector is added for Amazon VPC. Amazon VPC enables you to launch AWS resources into a virtual network that you've defined. This virtual network closely resembles a traditional network that you would operate in your own data center, with the benefits of using the scalable infrastructure of AWS.</p> <p><b>Activities:</b> Create, Edit, Delete, Attach, Detach</p> <p><b>Platforms:</b> Browser</p> <p><b>Features:</b> Create, Edit, Delete, Attach / Detach addresses to VPC</p>
App Connector	Amazon Simple Notification Service (SNS)	<p>New browser coverage</p> <p><b>Activities:</b> Create, Edit, Delete, Subscribe, Unsubscribe, Post</p> <p><b>Platform:</b> Browser</p> <p><b>DLP Supported:</b> Post</p> <p><b>Features:</b> Create Topic, Delete Topic, Edit Topic, Publish Message, Create Subscriptions, Edit Subscriptions, Delete Subscription, Request Confirmation, Confirm Subscription, Publish text message, Subscribe Number to Topic, Create Platform Application, Edit Platform Application, Delete Platform Application</p>
App Connector	Amazon Simple Notification Service (SNS)	<p>New CLI coverage</p> <p><b>Activities:</b> Create, Edit, Delete, Subscribe, Unsubscribe, Post</p> <p><b>Platform:</b> CLI</p> <p><b>DLP Supported:</b> Post</p> <p><b>Features:</b> Create Topic, Delete Topic, Edit Topic, Publish Message, Create Subscriptions, Edit Subscriptions, Delete Subscription, Request Confirmation, Confirm Subscription, Publish text message, Subscribe Number to Topic, Create Platform Application, Edit Platform Application, Delete Platform Application</p>
App Connector	Google Chat enhancements	<p><b>Activities:</b> View All</p> <p><b>Platform:</b> Browser</p> <p><b>Features:</b> Chrome profile feature for Google Chat View All activity</p>
App Connector	Box enhancements	<p><b>Activities:</b> Rename and Unshare</p> <p><b>Platform:</b> Browser</p>
App Connector	Dropbox enhancements	<p><b>Activities:</b> Rename, Unshare</p> <p><b>Platform:</b> Browser</p> <p><b>Features:</b> DLP, Alert, Block</p>
App Connector	Office apps efficacy	<ul style="list-style-type: none"> <li>Enhanced the connector for dynamic extraction of from_user for OneDrive for Business, SharePoint, and Microsoft Teams for all activities.</li> <li>Enhanced the connector for instance_id extraction for OneDrive for Business including .xlsx, .word, .ppt, OneNote, and SharePoint.</li> </ul>

App Connector	Google Drive enhancement	<b>Activities:</b> Rename <b>Platforms:</b> Browser, Native (iOS, Android) <b>Feature:</b> Rename trigger is given for renaming the files
App Connector	Google Apps hidden fields	Enhancement for Gmail, Google Drive, Google Login Connectors <b>Activities:</b> Covered for all activities in the connectors <b>Platform:</b> Browser <b>Feature:</b> Added hidden cookie variable to all the activities
App Connector	Oracle HCM	New coverage <b>Activities:</b> Upload, Download, Post <b>Platform:</b> Browser <b>Features:</b> From_user constraint profile, DLP (Alert, Block)
App Connector	Workplace by Facebook enhancements	<b>Activity:</b> Post <b>Platform:</b> Browser <b>Feature:</b> DLP
App Connector	Amazon S3	Enhancement for CLI COPY. With this release, we have added support to detect files being copied to S3 buckets using the Amazon Lambda handler. <b>Features:</b> from-storage and to-storage constraint profiles
IaaS	IaaS set up overview column headers renamed	For AWS the following have been renamed: <ul style="list-style-type: none"> <li>• Cloudtrail is now Audit Log Collection</li> <li>• S3 Bucket is now DLP for S3</li> <li>• Malware is now Threat Protection</li> </ul> For Azure the following has been renamed: <ul style="list-style-type: none"> <li>• Blog Storage is now DLP</li> </ul>
IaaS	Remediation steps for a rule	With this release, you can see remediation steps for a rule, consistently across Dashboards, PDF reports, and CSV exports.
IaaS	SkopeIT alerts allow 'Alert Type' multi-select	Users are now able to multi-select different Alert Types. This is helpful to look at all different types of IaaS alerts all together.
IaaS	Early access features	Netskope for IaaS provides early access to customers interested in the following capabilities: <ol style="list-style-type: none"> <li>1) Auto Remediating Continuous Security Assessment for Findings in AWS deployments.</li> <li>2) Visibility into Breach Detection Alerts that include Behavioral and Anomaly detections based on Log Ingestion from Cloud Providers ( AWS and GCP).</li> </ol> Contact Support to enable these features in your tenant.
Introspection	Enable Retron by Default for Box	We have a feature called 'Retron' that processes permission changes in the background for files / subfolders when the root folder permissions are changed. This background processing avoids spikes in API calls which may result in rate limits. This feature is now enabled by default for Box instances (when the instance is set up).
Introspection	Store forensics data on Azure Blob Storage	Azure blob storage can now be configured as a destination for incident forensics data. This requires some prerequisite steps before set up. Contact your account team or product management to enable this feature in your tenant.

Introspection	Google Drive UI Improvements	Visual and UX improvements to the Introspection Dashboard for Google.
Netskope for Web	Added URL-category to transaction logs	Added URL-category and other-URL-category to HTTP transaction logs.
Netskope for Web	Integrate with external forward proxy solution	<p>Ability to forward traffic to external forward proxies outside of Netskope. For example, you can forward traffic to an upstream browser isolation solution.</p> <p>The Netskope admin can configure via an inline policy sending selective traffic to the external forward proxy. Forwarding to an external proxy will be an option under 'Actions.'</p> <p>Contact Netskope Support to enable this feature in your tenant.</p>
Query Service	Alert acknowledgement	Ability to acknowledge all of the alerts resulting from the filter / query / timeframe specified.
Traffic Steering	Client Auth Proxy support	Netskope client supports BASIC proxy authentication. The Netskope client is now enhanced to support digest and NTLM proxy authentication for Windows and macOS clients.
Traffic Steering	MDM enrolled devices now have managementID support	With this release, the system can now pick the device identifiers for macOS and Windows and then include this value in each event so when a REST API call is made to Netskope, the device is identified correctly.
Traffic Steering	Certificate pinned apps bypass logic improvements	<p>The Netskope Client has been enhanced to allow Netskope admins to associate a list of domains to Certificate pinned applications in addition to defining a process name (executable name). Previously, only cert pinned apps were bypassed based on process name only.</p> <p>This feature allows you to map process to domains for bypass. This combination of domains and process name allows for greater security where a user may have been able to previously bypass security measures by simply renaming an application to a certificate pinned application (and thereby bypassing traffic). By default, if the feature is enabled, the Netskope client will only bypass the default domains associated with the process. There is option to add additional domains via the UI.</p> <p>For example: now an administrator can define a certificate pinned app (Dropbox.exe) and domain (Dropbox.com) so as to only bypass that matched combination.</p> <p>Contact Netskope Support to enable this feature in your tenant.</p>
Traffic Steering	Enhanced DNS responses	Ability for the Netskope client to reject DNS responses from loopback DNS servers.
Traffic Steering	Netskope Client golden release	<p>Release 66 is the next golden release of the Netskope Client.</p> <p>Read the support portal article for more information on the Netskope golden release strategy: <a href="https://support.netskope.com/hc/en-us/articles/220869628-Client-Release-Strategy">https://support.netskope.com/hc/en-us/articles/220869628-Client-Release-Strategy</a></p>
Web UI	Application detail page enhancement	Display session count on SkopeIT > Applications > AppX detail page. Today, it's missing from the Application detail page and it is difficult for admins to go back and forth between the summary and detail pages to get this information.
Web UI	Traffic Type reporting enhancement	Added support for reporting by Traffic Type in the pie chart widget in reporting. This will allow the creation of reports around CloudApp vs Web usage in a pie chart and show percentages in an easy contrast between the two.
Web UI	SkopeIT fields enhancement	Fields in the export view in SkopeIT are now sorted alphabetically making it easier to find and select them.

## New Resource Types Supported in Continuous Security Assessment

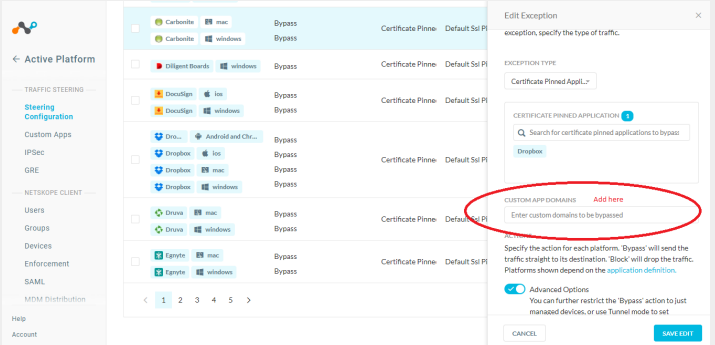
Cloud Provider	Entity	Attribute Changes
AWS	none	<p>Volume entity has the following new attributes:</p> <ul style="list-style-type: none"> <li>• Attachments</li> <li>• AttachTime</li> <li>• DeleteOnTermination</li> <li>• Device</li> <li>• InstanceId</li> <li>• State</li> <li>• Snapshot</li> <li>• id</li> </ul>
Azure	Application Group ServicePrincipal	<p>DataLakeStorage entity has the following new attributes:</p> <ul style="list-style-type: none"> <li>• Subnets</li> <li>• AddressPrefix</li> <li>• EndpointServices</li> <li>• IPConfigurations</li> <li>• Name</li> <li>• NetworkSecurityGroup</li> <li>• id</li> <li>• RouteTable</li> </ul> <p>Other changes to the DataLakeStorage entity:</p> <ul style="list-style-type: none"> <li>• VirtualNetworkRules attribute type changed from 'list' to 'sequence'</li> </ul> <p>The following attributes under DataLakeStorage entity are removed:</p> <ul style="list-style-type: none"> <li>• Name</li> <li>• Subnet</li> <li>• id</li> </ul> <p>KeyVault entity has the following new attributes:</p> <ul style="list-style-type: none"> <li>• ACL</li> <li>• id</li> </ul>

For a complete list of supported entities and attributes, see the [support article](#).

## Known Issues

Category	Issue Number	Issue Description
App Connector	79943	Dropbox uploads are not pieced together for TSS to inspect when files are larger than 4MB.
App Connector	79873	Uploading to the MediaFire app is not recorded in SkopeIT.
App Connector	79653	OneNote accessed from Teams does not have the app instance mapped, therefore it is blocked by policy.
App Connector	79486	The O365 Admin center action is not triggering policy.
App Connector	79275	The .jar files are allowed but should be blocked.
App Connector	79258	O365 access is blocked by the incorrect policy.
App Connector	78052	Google drive file uploads fail via 'Google App maker' and events are not logged in SkopeIT.
App Connector	77240	ZIP files are not blocked on Box and shared link is used.
App Connector	76923	GIF image type is getting non compliant block even though the policy allows images.
App Connector	75495	Duplicate object values seen for attaching file in Yahoo mail.
App Connector	74322	Facebook Share activity is listed as Post in SkopeIT, therefore it does not match the policy.
App Connector	74297	File downloaded from Incidents > Quarantine for the Box app is corrupted.
App Connector	71111	O365 suite domain name is not displaying properly as instance ID in SkopeIT.
App Connector	46644	Process-based bypassing for Android and iOS native apps is not supported. As a result, the Certificate pinned apps list for Android and iOS does not work properly.
Auth Proxy	76833	Intune enrollment is failing on iOS devices due to non-compliant message from the Auth Proxy.
App Info and DB Contents and Tools	79665	Download and upload activity for Github is not detected for Secure Forwarder.
App Info and DB Contents and Tools	80207	Incorrect app name detection.
App Info and DB Contents and Tools	79467	Add *.box.net into managed domains.



App Info and DB Contents and Tools	80903	<p>This is applicable only when the Enhanced SSL Pinned apps feature is enabled for steering configuration.</p> <p>When we enable this feature, client bypasses only the domains associated with the corresponding SSL Pinned app but some of the apps do not have any domains associated in app_info DB which results in client tunneling the domains from these apps.</p> <p>In order to avoid this, the admin must add the below domains as custom domains for these specific apps manually from Web UI.</p> <p><b>CiscoWebEx:</b> webex.com is the custom domain to be added</p> <p><b>Amazon WorkSpaces:</b> amazon.com is the custom domain to be added</p> <p><b>Google Drive Backup and Sync:</b> google.com, googleapis.com, youtube.com are the custom domain to be added</p> <p>To add custom domains in the Web UI for an SSL Pinned app:</p> 
DAPII	70413	Clicking the 'OK' button in non-compliant pages logs browse events incorrectly.
Discovery	72203	OPLP is no longer uploading logs.
DLP	78943	DLP incidents of Low severity with DLP rules triggering are configured to take action at Medium severity.
IaaS	76489	Unable to create a new IaaS AWS instance with the same name after the previous instance is deleted.
IaaS	74860	Support for key vault firewall rules.
IaaS	81488	When granting access to an Azure instance in the Netskope UI, the Azure AD application that you create in the Azure portal must be named 'Netskope App'.
Introspection	67359	Netskope Introspection, at times, receives duplicate notifications for a DLP policy from Workplace by Facebook. This is a known issue on Facebook.
Introspection	41886	Many audit events are showing up with location of blank or 'Unknown'. In some cases the user activities performed within the same timeframe also shows location for some events and 'Unknown' for others.
Query Service	79403	Filtering menu for access method no longer shows the 'API Connector' option.
Web UI	79405	Cannot view user activities correctly.
Web UI	80390	Access method API connector is not available in the SkopeIT filter options.
Web UI	80152	The pie chart widget shows 'B' Instead 'GB.'
Web UI	80008	There is a discrepancy between the Application and Application Events pages.
Web UI	79568	Introspection in OneDrive displays a spelling mistake.
Web UI	79344	Column sorting is not working correctly for Box introspection.
Web UI	73678	Regex validation within a DLP rule is not aligned.
Web UI	73473	Missing text area and a placeholder to indicate a space to enter custom tags.

## Fixed Issues

Category	Issue Number	Issue Description
App Connector	76629	There is an issue with instance ID detection and subsequent instance based policy failure for Google apps using MFA with Google Authenticator.
App Connector	78756	App Instance is not consistently mapped to all activities for the Trello app.
App Connector	80174	When downloading or uploading any files using the Box native sync application for Mac, the instance ID does not extract within SkopeIT therefore inline policies based on this cannot be enforced.
App Connector	79067	Multiple user alerts occurring during policy hits for some sites that are accessed via http first and redirected to https.
App Connector	78947	While switching between multiple Google account for Google hangouts chat, intermittent issues seen with instance ID and from_user detection.
App Connector	76477	When a user downloads a file using the 'open-in' feature of the iOS Box app, the download SkopeIT app event is not logged correctly.
App Connector	75610	The Chatwork native app cannot download any files.
App Connector	72671	Multiple events are seen when a block policy is hit for some apps that use the universal connector.
App Connector	71536	Instance is showing inconsistently in SkopeIT and the instance name is missing in certain cases, which is affecting inline policies for O365 OneDrive.
Auth Proxy	60086	The Outlook native app is blocked despite bypass in the auth proxy configuration.
Client	63227	After upgrading to release 55, device names are showing incorrect characters.
Client	76227	DNS responses for the loopback interface is not working correctly.
Client	79630	The 'Make Input Optional' option is not working for Netskope for Web enabled tenants.
Client	80836	High CPU utilization by the client through VPN on DTLS.
Client	75595	Unable to access the a page which is hosted through a loopback IP address.
Client	78101	The client is restarting almost every two minutes.
Discovery	72150	Logs are not processing and infrastructure alerts display due to utf-8 errors.
DLP	76876	Fingerprint Classification Rules showing Classification Currently Processing message.
DLP Fingerprinting	77917	Error when uploading a file for fingerprint classification from a virtual appliance to a tenant.
DLP Fingerprinting	78658, 78215	Fingerprint classification rules are stuck in Pending status.
IaaS	71342	Added new filter for Policies.
IaaS	80590	New AWS IAM policy permissions added.
IaaS	80125	Bucket policy metadata and AuthenticatedUser urls for bucket ACL will be used to determine bucket access level.
IaaS	80107	The Azure instance is stuck displaying 'Delete in Progress.'
IaaS	79513	Retro scans are not working correctly.
IaaS	77896, 77895	Certain users can clone profiles, but not rules.
IaaS	77840	GCP Compliance Scanning Results is showing error messages.
IaaS	65547	Rule ID and Profile ID appear as a negative number.
Introspection	70404	The restrict access to file owner action from the UI is deleting the file and blocking the file owner.
Introspection	78498	There is a difference in file count between two tenants with the same OneDrive instance.
Introspection	78598	OneDrive and SharePoint users and files count displayed in the UI is not calculating correctly.

Introspection	80292	File downloads from Salesforce APIs are failing.
Introspection	79874	A SharePoint site is not present in the subset of sites.
Introspection	78233	There is inconsistency in the malware count between the DropBox Introspection dashboard and the Incidents > Malware dashboard.
Introspection	72875	The Outlook subscription expired for a user, therefore mail is not scanned for DLP.
Netskope for Web	80400	Uncategorized sites are not detected properly.
Netskope for Web	78837	Cloud storage is miscategorized.
Netskope for Web	65579	Support Client based notification for Base Page by handling 3xx responses.
Policies	79693	Inline policies for the Dropbox client from the Microsoft store is not working correctly.
Netskope Proxy	79645	File upload is cancelled by the client.
Reverse Proxy	80217	When using Gmail via Netskope's SAML reverse proxy, there is an issue with the mail address auto-completion not working properly.
Reverse Proxy	79876	Outlook app is blocked even when set to bypass in the Auth Proxy configuration.
Reverse Proxy	79236	After a page refresh, certain apps, pages, and templates are not loading.
Reverse Proxy	71561	Due to traffic differences in the latest iOS, the Outlook native app detection was failing and the app was not blocking via active sync proxy.
Web UI	81146	API call is not returning correct data.
Web UI	80847	The Custom Admin role generates spurious errors in the UI.
Web UI	80429	Populating Query Service fields is now behind a control and a feature flag.
Web UI	80428	The Introspection report download is displaying errors.
Web UI	79476	SkopeIT filter for username is case sensitive.
Web UI	75535	An internal field is visible in the Rest API output.
Web UI	69012	Upgraded to latest bootstrap version 4.3.1.
Web UI	77353	The Home page widget for Blocked Site counts does not match the alert count.

## Hotfix Updates

This section provides descriptions for the hotfix updates released after the version 65 release.

Category	Issue Number	Issue Description
Anomaly Detection	71535	Certain users are unable to retrieve acknowledged anomalies in the UI.
App Connector	78473	Gmail Instance ID and From User is not detected.
App Connector	78332	Box uploads are not consistently blocked by the Inline policy.
App Connector	77964	Dropbox uploads are not blocked by the Inline policy.
App Connector	77916	The Instance ID is not detected for a few AWS personal login events.
App Connector	77300	The document name is missing for Bulk Upload and Download.
App Connector	76522	Unable to see download events when downloading from certain sites.
App Connector	75968	The Post activity for Microsoft Teams Chat is not detected correctly.
App Connector	73750	The upload and download through the native Box app shows the incorrect object names for alerts.
App Connector	72209	The inline policy to block uploads for Dropbox is not working if the default malware scan policy is set for upload.
App Connector	64624	Specific URL is not blocked during download.
Configuration Service	78064	The steered domain list is missing.
Discovery	71146	For log upload, the gateway names with hyphens are truncated but the entire name still appears in SkopeIT.
DLP	69099	DLP scan errors results in backups and errors upstream.
DLP	62422	Certain rules are blocking files that have no relationship with the fingerprinted file.
DLP	51457	The DLP policy triggers at low even though the configuration is set to trigger at medium.
IaaS	77688	Certain network subnets are not populating correctly.
IaaS	76366	Azure data fetcher permission errors are suppressed.
Introspection	78781	Increased number of incidents per file object to 500.
Netskope for Web	76482	A few domains are not accessible through Netskope for Web. However, they are accessible without the client and when going through specific Japan proxy servers.
Netskope Proxy	76229	Unable to access a specific domain through reverse proxy when the client is enabled.
Policies	67456	Inline Policy triggered incorrectly for a specific user.
Query Service	78987	The dashboard is not loading data for the last 24 Hour results.
Query Service	78978	The Policies page Hit Count query is invalid.
Query Service	76103	The SkopeIT scheduled report is delayed.
Query Service	41248	Include proximity attributes in the CSV export.
Reverse Proxy	78811	The reverse proxy Native O365 app traffic is not being blocked for Android devices.
Reverse Proxy	77957	User names in the reverse proxy events shows 'Encrypted'.
Reverse Proxy	76576	The portal.azure.com domain is not going through reverse proxy.
User Justification	77428	The 'Make input optional' setting is not working as expected in browser based pop-ups.
Web UI	79218	Reported Block events are greater than total events.
Web UI	79187	The DLP incident page is blank.

Web UI	78889	The bulk enable, disable, delete activity for the Steering configuration is displaying database errors.
Web UI	78440	The clone configuration is not cloning all apps in the exceptions.
Web UI	77487	Seeing "Unable to get the size of the image" error when generating PDF reports.
Web UI	77269	The insert custom image option is not working for Inline Email notifications.
Web UI	76215	Add the option to allow the 'Do not show again' option for certain pop up pages.

## Security Issues

Category	Issue Number	Issue Description
Web UI	76922	Fixed security defect in the Web UI related to input validation. Customer does not need to review the fix as this was updated by Netskope.
Web UI	73667	Fixed security defect in the Web UI discovered with static analysis. Customer does not need to review the fix as this was updated by Netskope.