NetScaler ADC (includes NetScaler Gateway)

Release Notes for NetScaler ADC (includes NetScaler Gateway) 14.1-60.58

July 22, 2026

Notes

- This release notes document does not include security related fixes. For a list of security related fixes and advisories, see the Citrix security bulletin.
- Build 14.1-60.58 replaces Build 14.1-60.57.
- Build 14.1-60.58 addresses the CVE-2026-3055 described in https://support.citrix.com/support-home/kbsearch/article?articleNumber=CTX696300.
- Build 14.1-60.57 replaces Build 14.1-60.52.
- Build 14.1-60.57 includes the following fixes and enhancements, along with the fixes and enhancements included in Build 14.1-60.52: CTXENG-71023.

What's New

- **Build 60.58 | CTXENG-70166**

  Enhanced policy expressions for NetScaler deny list

  Policy expressions now support NetScaler virtual server and service parameters in the NetScaler deny list for CVE mitigation. This feature provides greater control for defining policies at both the service and virtual server levels, improving precision in traffic management and the effectiveness of CVE mitigation.

  Module - *Policies*

Fixed Issues

- **Build 60.58 | NSAUTH-15698**

  When NetScaler acts as a gateway and an OAuth policy is applied as a second factor, then SSO might fail. The issue happens because the wrong username is sent to the backend service.

  Module - *Authentication, authorization, and auditing*

- **Build 60.58 | NSHELP-40806**

  When you click **Resend Notification**, the error message ”Failed Validate TOTP or resend Notification” appears on the screen. This issue occurs because the resend push functionality fails

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after the push timeout period due to the absence of an OTP value. As a result, the authentication fails.

Module - ***Authentication, authorization, and auditing***

- **Build 60.58 | NSHELP-41301**

  NetScaler Gateway WAF protection blocks the Negotiate authentication when the Negotiate token exceeds 2048 bytes.

  Module - ***Authentication, authorization, and auditing***

- **Build 60.58 | NSHELP-41334**

  After an upgrade, authentication for Active Directory Federation Services (ADFS) proxy fails with an Http/1.1 Object Not Found error.

  Module - ***Authentication, authorization, and auditing***

- **Build 60.58 | NSHELP-40311**

  The 'show serviceGroup <svcg_name>' command output displays incorrect response time units.

  Module - ***Load Balancing***

- **Build 60.58 | NSHELP-40429**

  NetScaler VPX HA might crash during the recursive resolution of a CNAME chain, especially when a CNAME in the chain becomes invalid in the cache.

  Module - ***Load Balancing***

- **Build 60.58 | NSHELP-40690**

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NetScaler might crash when an invalid memory access occurs. This issue occurs when NetScaler receives a DNS response with a non-standard opcode.

Module - *Load Balancing*

- **Build 60.58 | NSHELP-40848**

  NetScaler might crash when the backend authoritative name server returns DNS options along with the OPT header.

  Module - *Load Balancing*

- **Build 60.58 | NSHELP-40989**

  When you run the `add locationfile` command in admin partitions, it might fail on devices that have a secondary disk attached.

  Module - *Load Balancing*

- **Build 60.58 | NSHELP-40299**

  NetScaler might frequently crash when the UDP audio feature is enabled, primarily due to improper socket management.

  Module - *NetScaler Gateway*

- **Build 60.58 | NSHELP-40414**

  RDP link bookmarks might not be displayed when advanced VPN URL policies are used with RDP link attributes configured in an LDAP server.

  Module - *NetScaler Gateway*

- **Build 60.58 | NSHELP-40553**

  NetScaler Gateway crashes when HDX Insight is enabled and an ICA session reconnects.

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Module - *NetScaler Gateway*

- **Build 60.58 | NSHELP-40687**

  Enterprise bookmark launches using Clientless VPN on NetScaler Gateway fails due to incorrect decoding of URL fragment identifiers.

  Module - *NetScaler Gateway*

- **Build 60.58 | NSHELP-40736**

  The `kill rdp connections` command fails to terminate the specific user's RDP session when the `userName` parameter is used, because the provided user name is compared against the wrong internal parameter.

  Module - *NetScaler Gateway*

- **Build 60.58 | NSHELP-40860**

  NetScaler Gateway uses the older version of elliptic package (6.5.4).

  Module - *NetScaler Gateway*

- **Build 60.58 | NSHELP-41027**

  NetScaler Gateway users experience slow login performance, including EPA scan delays and page-load timeouts, when multiple users log in simultaneously. This issue is caused when the Apache server, with EPA enabled, reaches its `MaxClients` limit.

  Module - *NetScaler Gateway*

- **Build 60.58 | NSHELP-41343**

  Users cannot proceed past the NetScaler Gateway login page because the Web App Firewall blocks login attempts when the classic EULA configuration generates an invalid payload.

  Module - *NetScaler Gateway*

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- **Build 60.58 | NSHELP-40355**

  NetScaler VPX running on hypervisor with Mellanox driver might reboot unexpectedly when adding a VLAN to NetScaler SDX as part of edit operation.

  Module - *NetScaler SDX Appliance*

- **Build 60.58 | NSHELP-40503**

  A crypto device error alert might be generated due to occasional communication errors from domain zero (Dom-0).

  Module - *NetScaler SDX Appliance*

- **Build 60.58 | NSHELP-41115**

  The Management Service database might fail to start due to a checkpoint corruption. This issue occurs if NetScaler SDX reboots while the Management Service database is writing a checkpoint during a single bundle upgrade.

  Module - *NetScaler SDX Appliance*

- **Build 60.58 | NSSVM-7079**

  For the Fixed Capacity subscription license type, the NetScaler SDX Management Service GUI displays the activation blob renewal date information. However, it does not alert or send proactive notifications about the activation blob expiry. Customers are advised to monitor the activation blob expiry date displayed in the GUI and renew the blob before it expires to ensure uninterrupted functioning of the product.

  Module - *NetScaler SDX Appliance*

- **Build 60.58 | NSHELP-40738**

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During Device Under Test (DUT), a false positive is triggered when Signature Rule 1109 is enabled.

Module - *NetScaler Web App Firewall*

- **Build 60.58 | NSHELP-40400**

  A VLAN cannot be deleted if it is first bound to a traffic domain and later bound to a bridge group.

  Module - *Networking*

- **Build 60.58 | NSHELP-40160**

  NetScaler might crash due to a null pointer dereference of Network Send Buffer (NSB) at the next index, which is not properly updated after failing to allocate NSB.

  Module - *Platform*

- **Build 60.58 | NSHELP-40853**

  When a management interface is in the **Down** state, it is not properly detected. This issue leads to an incorrect count of management interfaces and triggers false critical alerts.

  Module - *Platform*

- **Build 60.58 | NSHELP-40965**

  NetScaler VPX deployed on Nutanix AHV might crash when the mergeable buffer Rx path is used along with excessive packet header buffer optimization.

  Module - *Platform*

- **Build 60.58 | NSHELP-41225**

  TACACS authorization might fail on NetScaler VPX deployed on Nutanix hypervisor.

  Module - *Platform*

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- **Build 60.58 | NSLINUX-8933**

  NetScaler HA setup using NSIPv6 might not function correctly in NetScaler VPX instances on Nutanix-AHV hypervisor.

  Module - *Platform*

- **Build 60.58 | NSLINUX-9206**

  NetScaler BLX installation is blocked if the host system have GNU C Library (GLIBC) version earlier than 2.23. Starting with NetScaler release 14.1.60.x, RHEL 7.5 to 7.9 and Oracle Linux 7.5 to 7.9 distributions are not supported, as they do not meet the minimum GLIBC requirement. The deployments running older GLIBC versions can continue using NetScaler 14.1.51.x. To upgrade to NetScaler 14.1.60.x, ensure that the underlying host is updated to GLIBC 2.23 or later.

  Module - *Platform*

- **Build 60.58 | NSLINUX-9308**

  When upgrading BLX with .rpm packages from version 14.1-56x, the BLX service might fail to start.

  Module - *Platform*

- **Build 60.58 | NSHELP-41048**

  NetScaler might crash if the regex_replace() expression modifies a large number of patterns.

  Module - *Policies*

- **Build 60.58 | NSHELP-40670**

  The NetScaler Web Logging (NSWL) agent fails to automatically create its log directory during runtime. It only generates logs if the required directory is present during its operation.

  Module - *System*

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- **Build 60.58 | NSCONFIG-10884**

  NetScaler does not support the Password History Control feature when multi-factor authentication is configured.

  When attempting to login through CLI with multi-factor authentication, the following error is returned if the username matches a local system username with expired password.

  ”Session Expired or killed. Please login again.”

  However, logging in with the same username through GUI is successful.

  Note: We recommend you to disable the Password History Control feature when multi-factor authentication is configured on NetScaler.

  Module - ***User Interface***

- **Build 60.58 | NSCONFIG-12703**

  Licensing a NetScaler using the LAS mechanism through NetScaler Console might cause NetScalers running older builds to display inconsistent 'days to expiry' values for license entitlements.

  Module - ***User Interface***

- **Build 60.58 | NSHELP-39825**

  NetScaler crashes following a memory leak when the `show capacity` command is continuously run in a cluster environment.

  Module - ***User Interface***

- **Build 60.58 | NSHELP-39919**

  NetScaler statistics is missing in Grafana because a delay in the NetScaler Console license expiry response causes the `show capacity` command to time out, which then times out other commands.

  Module - ***User Interface***

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- **Build 60.58 | NSHELP-40146**

  In the **Add Bot Profile** page, the **Signatures** drop-down menu might not populate the newly added bot management signatures.

  Module - *User Interface*

- **Build 60.58 | NSHELP-40399**

  You cannot modify an AAA group through the GUI or NITRO API if the group name contains the ”+” character.

  Module - *User Interface*

- **Build 60.58 | NSHELP-40618**

  On the **System Log Files** GUI page, the options to filter the messages are missing.

  Module - *User Interface*

- **Build 60.58 | NSHELP-40889**

  The **Active user session** table under **NetScaler Gateway > Monitor Sessions** displays an incorrect total number of sessions.

  Module - *User Interface*

- **Build 60.58 | NSHELP-41051**

  The `HaPropFailure` alarms might occur when a file synchronization started on the primary node conflicts with a periodic synchronization running on the secondary node, causing the latter synchronization to fail.

  Module - *User Interface*

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- **Build 60.58 | NSHELP-41191**

  After an upgrade, logging in to NetScaler with Active Directory credentials fails due to a filter validation failure on the LDAP server.

  Module - ***User Interface***

- **Build 60.58 | NSHELP-41345**

  When attempting to modify the Responder HTML Page through the NetScaler GUI, an error occurs, preventing the page from being edited.

  Module - ***User Interface***

- **Build 60.58 | NSUI-22054**

  On a NetScaler VPX running on the Linux platform, the **Tech Support** dialog box stops responding at ”Running CLI commands...” after clicking **Generate Tech Support**. This prevents the generation or download of the tech support bundle.

  Module - ***User Interface***

Known Issues

- **Build 60.58 | NSHELP-38696**

  If Appflow (Logstream) is active, the ‘newnslogs‘ file might experience frequent rollovers, leading to partial dumps and loss of performance data.

  Module - ***Analytics Infrastructure***

- **Build 60.58 | NSHELP-41140**

  When strings are encoded in JSON, they might be corrupted due to the presence of unescaped control characters.

  Module - ***Analytics Infrastructure***

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- **Build 60.58 | NSHELP-41332**

  NSPPE crashes on the secondary node when a `syslogpolicy` is bound to a load-balancing virtual server. This issue occurs due to a continuous sync and clear configuration loop.

  Module - ***Analytics Infrastructure***

- **Build 60.58 | NSHELP-41699**

  When you enable metrics in the time series analytics profile, the secondary node exports metrics with SNIP address as the source IP address instead of the NSIP address.

  Module - ***Analytics Infrastructure***

- **Build 60.58 | NSAUTH-11151**

  Administrators cannot perform custom logging for authentication failures that happen due to invalid credentials. This issue occurs because the NetScaler responder policies fail to detect errors for login failures.

  Module - ***Authentication, authorization, and auditing***

- **Build 60.58 | NSHELP-40811**

  The **Log On** button on the NetScaler Gateway login page is disabled, even when reCaptcha is not configured.

  Module - ***Authentication, authorization, and auditing***

- **Build 60.58 | NSHELP-41104**

  Rewrite policies might not work on a few authentication and authorization endpoints, preventing rewrite actions from taking effect.

  Module - ***Authentication, authorization, and auditing***

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- **Build 60.58 | NSHELP-40534**

  Location-based policy evaluation might fail after an update to the location database. This can impact Global Server Load Balancing (GSLB) decisions if the virtual server uses static proximity load balancing or a policy with a location-based expression.

  Module - *Load Balancing*

- **Build 60.58 | NSHELP-40725**

  NetScaler crashes when you attempt to reconfigure an HTTP-ECV monitor. This issue occurs because the initial configuration attempt with a non-existent netprofile (using 'send', 'recv', and 'trofsstring' parameters) fails silently without returning an error.

  Module - *Load Balancing*

- **Build 60.58 | NSHELP-40913**

  NetScaler might fail and dump core if an autoscale service group is configured and a DNS_TCP based monitor is active.

  Module - *Load Balancing*

- **Build 60.58 | NSHELP-40997**

  When creating a GSLB virtual server by using the CLI, the optional `backupVserver` parameter is not stored in the backend configuration.

  Module - *Load Balancing*

- **Build 60.58 | NSHELP-41555**

  Health states for service group members might become inconsistent under specific conditions. This issue occurs when using the following configuration:

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  - Autoscale service group
  - Monitor threshold
  - Multiple monitors bound to the service group

Module - *Load Balancing*

- **Build 60.58 | NSLB-12381**

  When an SSL or GeoDB file is synced by using the GSLB sync mechanism, NetScaler incorrectly displays the status as failure, even though the file synchronization is successful.

  Module - *Load Balancing*

- **Build 60.58 | NSHELP-40801**

  When two namespaces with names having a common prefix have services with the same name, deleting an endpoint of a service in one namespace unintentionally removes the service group member bindings of another service deployed in another namespace.

  Module - *Miscellaneous*

- **Build 60.58 | NSHELP-41134**

  During startup, the NetScaler Ingress Controller unbinds and rebinds SSL certificates when processing secure ingresses that share the same virtual server IP address and port.

  Module - *Miscellaneous*

- **Build 60.58 | NSHELP-39780**

  NetScaler rewrite policies are not applied on some of the gateway URLs.

  Module - *NetScaler Gateway*

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- **Build 60.58 | NSHELP-41384**

  In a NetScaler high-availability setup, the secondary node repeatedly crashes during synchronisation when you use VPN Gateway with StoreFront integration and security certificates.

  Module - *NetScaler Gateway*

- **Build 60.58 | NSHELP-41399**

  NetScaler might crash due to the use of an uninitialized pointer during server-side connection cleanup.

  Module - *NetScaler Gateway*

- **Build 60.58 | NSHELP-41544**

  The Web Application Firewall (WAF) might block the VPN setclient request when the Always-On functionality is enabled.

  Module - *NetScaler Gateway*

- **Build 60.58 | NSHELP-41549**

  NetScaler might crash due to improper handling of pointer references in the UDP audio code.

  Module - *NetScaler Gateway*

- **Build 60.58 | NSHELP-39273**

  When the VPX internal network is enabled in NetScaler SDX GUI, the high availability status does not update immediately when a NetScaler VPX instance transitions from Primary to Secondary or vice versa. This delay prevents administrators from accurately monitoring the current role of each appliance in the HA pair.

  Module - *NetScaler SDX Appliance*

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- **Build 60.58 | NSHELP-40946**

  RADIUS authentication might fail if the `username` field has a `NULL` value.

  Module - *NetScaler SDX Appliance*

- **Build 60.58 | NSHELP-41341**

  High CPU usage occurs during heavy SNMP traffic because the system checks for the existence of the mastools configuration file on every SNMP data request. This results in excessive file system operations that consume CPU resources and degrade system performance.

  Module - *NetScaler SDX Appliance*

- **Build 60.58 | NSHELP-42818**

  This issue will impact you if you have an SDX migrated or migrating from any type of NetScaler local license (fixed capacity subscription or perpetual license) file based licensing to any type of license with LAS based licensing and the legacy file-based licenses have not been deleted from the SVM.

  Impact: If there is any local legacy file-based license yet existing on the SVM after having transitioned to LAS, then the expiry of the file-based license triggers the un-licensing of the SDX (SVM and VPX on SDX) on the date of that license file expiry.

  Workaround: Delete the local file-based license(s) on the SVM after the migration to LAS has been done successfully. The file-based licenses would be located in SVM folder /mpsconfig/license and must be deleted from this folder using the shell prompt.

  Module - *NetScaler SDX Appliance*

- **Build 60.58 | NSHELP-40544**

  Users might encounter memory allocation errors when the soapArrayCheck setting in the AppFW profile's XMLDOS configuration is enabled.

  Module - *NetScaler Web App Firewall*

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- **Build 60.58 | NSHELP-41518**

  Client requests might fail if HTTP/2 header values contain space characters. These spaces can trigger header frame processing errors, particularly when the client sends improperly formatted header values.

  Module - *NetScaler Web App Firewall*

- **Build 60.58 | NSHELP-36236**

  A two-node cluster becomes inactive if a critical interface on one of the nodes is down.

  Module - *Networking*

- **Build 60.58 | NSNET-33932**

  On NetScaler VPX-Linux deployments, memory allocation errors might occur when you configure route redistribution (connected, RIP, or RIPng routes) on OSPF6. These errors can disrupt the routing functionality.

  Module - *Networking*

- **Build 60.58 | NSHELP-40959**

  When VRID is configured on an i40e interface, the following error is continuously seen on the console:
  Conflict in vrid <id> on interface <interface-name> vlan <vlan-id> bridge_group -<id> from MAC <vrrp-mac> IP <ip-address>
  This error does not have any functional impact and can be ignored.

  Module - *Platform*

- **Build 60.58 | NSHELP-41413**

  VPX instances on AWS reboot multiple times during startup. This behavior occurs when Instance Metadata Service (IMDS) is unavailable for any reason during instance initialization.

  Module - *Platform*

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- **Build 60.58 | NSLINUX-7437**

  The RDP Proxy functionality is not supported in BLX Gateway.

  Module - *Platform*

- **Build 60.58 | NSLINUX-8026**

  On Oracle Linux, the NetScaler Packet Processing Engine (NSPPE) might crash during active traffic flow on a Mellanox interface when worker process value in the 'blx.conf' file is modified and NetScaler BLX is restarted using the 'systemctl restart blx' command.

  Workaround: To start the BLX service, follow these steps:

  1. Run the 'systemctl stop blx' command.
  2. Edit the blx.conf file, and run the 'systemctl start blx' command.

  Module - *Platform*

- **Build 60.58 | NSLINUX-8133**

  The ‘mgmthttpsport‘ command might not work as expected, leading to issues with HTTPS management access on NetScaler BLX.

  Workaround: Restart NetScaler BLX to apply the configuration.

  Module - *Platform*

- **Build 60.58 | NSPLAT-31350**

  In a NetScaler VPX high availability setup on AWS, a delay in failover might occur if the IAM service is unreachable. This issue occurs because NetScaler performs IAM permission checks before applying the cloud-specific configurations. Therefore, the failover process might be delayed when the IAM service is unavailable.

  Module - *Platform*

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- **Build 60.58 | NSHELP-40807**

  Rewrite action might not work if HTTP response is chunked and doesn't contain any body.

  Module - *Policies*

- **Build 60.58 | NSHELP-41336**

  Importing a responder HTML page in a non-default partition fails when the partition name includes spaces.

  Module - *Policies*

- **Build 60.58 | NSHELP-41132**

  An Operation timed out error might occur when you add multi-megabyte OpenAPI specification files using the `add apispec` command.

  Module - *Security*

- **Build 60.58 | NSHELP-40737**

  NetScaler might crash in the following scenarios:

  - Running the clear config command while the Azure Key Vault token response is pending.
  - Removing an Azure application when multiple Azure applications are configured with the same domain but different tenant IDs in the token endpoint.

  Module - *SSL*

- **Build 60.58 | NSHELP-41204**

  On the Linux platform, you cannot create an SSL certificate with subjectAltName because an incorrect configuration file is loaded.

  Module - *SSL*

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- **Build 60.58 | NSHELP-41508**

  Continuous and unnecessary sync operations are seen on the secondary node of HA. This issue occurs because a zero-touch status update command is run on the primary node.

  Module - *SSL*

- **Build 60.58 | NSHELP-41625**

  VDA session launch fails on the following Intel SSL chip-based platforms when the network telemetry feature is enabled, and the negotiated TLS version is TLS1.2 or earlier.

  - MPX 5900
  - MPX/SDX 8900
  - MPX/SDX 15000 and 15000-50G
  - MPX/SDX 16000
  - MPX/SDX 26000, 26000-50S, and 26000-100G
  - MPX/SDX 9100

  Module - *SSL*

- **Build 60.58 | NSHELP-41095**

  Connection is incorrectly reset for HTTP traffic if the header value has a single character described for a SIP header.

  Module - *System*

- **Build 60.58 | NSHELP-41138**

  Pipeline upload requests might fail when the backend service returns an error response instead of `200 OK` or `100 Continue` responses.

  Module - *System*

- **Build 60.58 | NSHELP-41356**

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POST requests related to Client Side Measurements from clients are processed without proper validation.

Module - *System*

- **Build 60.58 | NSHELP-41819**

  When a two-factor authentication is configured on NetScaler, the GUI displays an invalid username/password message even after the correct second factor password is entered.

  Module - *User Interface*

- **Build 60.58 | NSHELP-42290**

  Starting from NetScaler build 14.1-60.x, filter expressions with special characters, such as && and `||`, fail when you run `nstrace` from the NetScaler GUI.

  Workaround: Use the NetScaler CLI.

  Module - *User Interface*

- **Build 60.58 | NSUI-20282**

  When you try to add the expression `HTTP.REQ.URL.LENGTH.GT(10).IF(HTTP.REQ.URL, HTTP.REQ.HEADER("Test"))`, the expression editor displays the following warning message, despite the expression being valid:

  ```
  Result expression types must be compatible
  ```

  Module - *User Interface*

- **Build 60.58 | NSUI-22522**

  LAS enforcement notification and some other error notifications are not displayed in the GUI.

  Workaround: For LAS-related error notification, you can run the 'show ns license' command on CLI, and the output has one key value: 'Days to LAS enforcement: 80'

  Module - *User Interface*

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