



VOSS-4-UC

Release Notes for 19.3.4 Patch Bundle 5

Release 19.3.4-PB5

Dec 09, 2021

Copyright © 2021 VisionOSS Limited. All rights reserved.

Contents

Patch Bundle Overview	1
Patch Bundle Details	2
Features: Summary	3
Features: Detail	3
Defects Fixed: Detail	5

Patch Bundle Overview

These are the official release notes for:

- Product: VOSS-4-UC
- Release Version: 19.3.4 Patch Bundle 5

This Patch Bundle is *cumulative*, and includes:

- All the fixes included in all previous patch bundles delivered for this version.

For details, refer to:

- [Release Notes for 19.3.4 Patch Bundle 1](#)
- [Release Notes for 19.3.4 Patch Bundle 2](#)
- [Release Notes for 19.3.4 Patch Bundle 3](#)
- [Release Notes for 19.3.4 Patch Bundle 4](#)
- Further critical and important defect fixes for Release 19.3.4.

The updates affect the Core Product, Template Features, Platform and Business Admin Portal.
Please find a summary of the defect fixes and feature changes below, followed by a detailed description.

Patch Bundle Details

Release : 19.3.4.271
Build Number : 2569
Platform Version : 19.3.4-1632849321

Supported Upgrade Path:

The supported upgrade paths for this Patch Bundle Upgrade are:

- 19.3.4 => 19.3.4-PB5
- 19.3.4-PB1 => 19.3.4-PB5
- 19.3.4-PB2 => 19.3.4-PB5
- 19.3.4-PB3 => 19.3.4-PB5
- 19.3.4-PB4 => 19.3.4-PB5

Important: Upgrade from 19.3.4-PB5 to 21.1 is *not* supported.

EKB-10355*: Before upgrading systems using FIPS, install the following patch:

- Server Name: <https://voss.portalshape.com>
- Path: **Downloads > VOSS-4-UC > 19.3.4 > Patches**
- Patch Directory: **EKB-10355-19.3.4_patch**
- Patch File: EKB-10355-19.3.4_patch.script
- MOP File: EKB-10355-19.3.4_patch.pdf

EKB-9885 Privacy field does not update when modifying Cisco Unified Client Services Framework devices

After upgrade, import the `device/cucm/PhoneType` model for all Unified CM Clusters in order for this change to work.

EKB-9346: The **Forgot Password** hyperlink is not available on the BAP login page in release 19.3.4 PB5 and will be available from 21.2.

Cisco UC App Compatibility:

- For this Release, testing was performed using the following Cisco UC apps versions.

UC App	Versions
CUCM	11.5.1 SU9 (11.5.1.21900-40), 12.5.1 SU4 (12.5.1.14900-63)
CUCX	11.5.1 SU9 (11.5.1.21900-40), 12.5.1 SU4 (12.5.1.14900-45)
HCMF	11.5.5 (11.5.5.10000-2), 12.5.1 SU3 (12.5.1.13900-4), 12.5.1 SU3 (12.5.1.13900-4)

Features: Summary

3.1 Self-service

- *EKB-9816*: Enable Mobility for the User automatically when adding a Personal Phone entry or enabling Personal Phone Management.

3.2 Core Software

- *EKB-7504*: Add Microsoft to VOSS Audit File
- *EKB-8547*: Add N to 1 DN to E164 Association to SDE reports.
- *EKB-9160*: Add additional payload type to generic driver auth token retrieval
- *EKB-9459*: Add Phone Expansion Module fields (Module 1, 2 and 3) to Phones SDE Extract.

3.3 Workflow Templates

- *EKB-6524*: Update Agent Lines workflows to use fn.acquire_lock to prevent Device overwrite blocked error.
- *EKB-7789*: Generic Dial Plan: Add 20 additional custom variable fields to Site Dial Plan Data.
- *EKB-9540*: Add new field redirectByApplication to UC Prep Profile and allow custom values for App User and CUCM Group Members fields.
- *EKB-9773*: Generic Dial Plan: Add field “prefixDn” to SIP Trunk Dial Plan Model.
- *EKB-9777*: Generic Dial Plan: Add Incoming Number prefix support to SIP Trunk Dial Plan Model.
- *EKB-9936*: Generic Dial Plan: Add “PSTN Access” field to SIP Trunks model.

3.4 Business Admin Portal

- *EKB-10181*: Add “Fetch real-time phone status” action to Phones page.
- *EKB-8995*: Add support for Single Sign-On.

Features: Detail

4.1 Self-service

- **EKB-9816: Enable Mobility for the User automatically when adding a Personal Phone entry or enabling Personal Phone Management.** Fixes an issue where a Personal Phone cannot be added for a Self Service User because that User does not have Mobility Enabled. Mobility will now be enabled for the User automatically when adding a Personal Phone entry or when enabling Personal Phone Management.

4.2 Core Software

- **EKB-7504: Add Microsoft to VOSS Audit File** Added support for Microsoft Teams and Pexip in the Subscriber Data Exports (SDE) and the License Audit files.
- **EKB-8547: Add N to 1 DN to E164 Association to SDE reports.** Added functionality to export Multi E164 line associations to the SDE reports.
- **EKB-9160: Add additional payload type to generic driver auth token retrieval.** Make generic driver session based authentication more configurable by replacing “use_request_body” with “login_request_headers”
- **EKB-9459: Add Phone Expansion Module fields (Module 1, 2 and 3) to Phones SDE Extract.** Adds Phone Expansion Module fields (Module 1, 2 and 3) to Phones SDE Extract

4.3 Workflow Templates

- **EKB-6524: Update Agent Lines workflows to use fn.acquire_lock to prevent Device overwrite blocked error.** Adds functionality to Agent Lines workflows, Add, Mod and Delete, to prevent the workflows from executing in parallel for the same Application User.
- **EKB-7789: Generic Dial Plan: Add 20 additional custom variable fields to Site Dial Plan Data.** Adds 20 additional custom variable fields(dpcv31 to dpcv50) to Site Dial Plan Data in Generic Dial Plan Tool
- **EKB-9540: Add new field redirectByApplication to UC Prep Profile and allow custom values for App User and CUCM Group Members fields.** Adds a new field, “Redirect by Application”, to the CUCM SIP Profile tab and updates the CUCM Application User’s Group Membership field to support custom values on UC Prep Profiles. Updates the Route Group Name field on Route Lists to support custom values under Generic Dial Plan Models.
- **EKB-9773: Generic Dial Plan: Add field “prefixDn” to SIP Trunk Dial Plan Model.** Adds a new field, Inbound Prefix DN, to the SIP Trunk Model for Generic Dial Plan.
- **EKB-9777: Generic Dial Plan: Add Incoming Number prefix support to SIP Trunk Dial Plan Model.** Adds a new field, Incoming Number Prefix, to the SIP Trunk Model for Generic Dial Plan.
- **EKB-9936: Generic Dial Plan: Add “PSTN Access” field to SIP Trunks model.** Adds a new field “PSTN Access” to the SIP Trunks model.

4.4 Business Admin Portal

- **EKB-10181: Add “Fetch real-time phone status” action to Phones page.** Adds the ability to retrieve the Phone Registration and IP Address Status.
- **EKB-8995: Add support for Single Sign-On.** This feature adds support for Single Sign-On, redirecting to the new admin GUI or to Business Admin Portal depending on the SSO Login URL used.

Defects Fixed: Detail

5.1 Adaptations

- **EKB-10372: E164 to DN Associations are showing DNs as not associated for Linked Sites when Association exists at another Linked Site.** Fixes a Linked-Sites issue where the E164 number association feature was allowing unavailable numbers to be selected

5.2 Self-service

- **EKB-10371: Adding Smart Device in SelfService doesnt Associate Device to User if Mobility is False.** Fixes an issue in Self Service where a smart device added is disassociated from the user when that user did not have mobility enabled initially.
- **EKB-4700: Self Service defaults to a Cisco theme.** This fixes Self Service defaulting incorrectly to the Cisco Self Service Theme.
- **EKB-9934: Reset security questions saves “successfully” but the TXN in the backend actually fails.** Fixes an issue with Security Questions failing without notifying the SelfService user.

5.3 Core Software

- **EKB-10222: voss-queue service stopped due to Out Of Memory event on Database Node** In an effort to reduce the likelihood of Out Of Memory events, the amount of free RAM the kernel reserves has been increased to 3% of RAM (max 1GB) on Database Nodes.
- **EKB-4612: System Monitoring performing frequent suboptimal queries.** Fixes an issue with high frequency sub-optimal queries used by system monitoring.
- **EKB-5385: Selecting 2000 items on a list view, in the GUI, and performing a Bulk Delete only processes the first 1000 items.** Bulk delete will now work correctly when 2000 items are deleted.
- **EKB-7415: Local purge of LDAP users fails if server is not reachable.** Fixes an issue where the user was unable to purge local LDAP users when the LDAP server is not connected or has been removed/decommissioned.
- **EKB-8035: Cookie warning about SameSite” attribute when navigating to Admin GUI.** This sets httponly and secure flags on empty sso_login_url cookie.
- **EKB-8501: Connection Failure to CUCM due to BadStatusLine errors.** Call Manager retries increased to 3 to handle connection errors.
- **EKB-8508: Model Instance Filter does not clear old attribute filters when updated.** Fixed incorrect behaviour after changing the ‘Condition’ field of a Model Instance Filter.
- **EKB-8554: Allow for HTTPS proxy basic auth in generic driver.** Fixes an issue where https proxy basic auth did not work in generic driver
- **EKB-8696: High volume API requests for HcsSiteREL causing high load.** Fixes an issue where Network Device List Reference lookup is not efficient.
- **EKB-8807: LDAP Authentication fails if objectClass=Group has same mailid as object-Class=User.** LDAP authentication should now succeed where multiple LDAP records (e.g. user and group) share the same authentication value (e.g. email address)

- **EKB-9171: Unity Connection Data Sync failure - data sync errors caused by temporary connection errors.** Improves handling of temporary connection errors causing errors during UCAApp Data Sync transactions.
- **EKB-9202: Transactions stuck in Queued state.** Removes a cause of transactions becoming stuck in 'Queued' state
- **EKB-9236: Date range search of transactions times out with no indication and no results if date range too long.** Return a meaningful error to the user in the Admin GUI if a transaction search query times out.
- **EKB-9240: CSV Injection Vulnerability.** Changes Microsoft Excel exports to add additional safeguards against execution of values that look like formulas.
- **EKB-9242: Full Path Disclosure Vulnerability.** Removed platform command line text from error messages.
- **EKB-9265: Pilot(Dirn) field on VoiceMailProfile device model should show a choice of VoiceMailPilot instances not Lines.** Fixes an issue where the Pilot field on the Voice Mail Profile device model shows a list of Line instances instead of Pilot Numbers.
- **EKB-9381: Modifying a User results in the sso_username field in data/SsoUser model to be set to the same value as username.** Fixes an issue where SSO Authentication stops working after modifying a User due to the data/SsoUser model being updated with the incorrect value for the sso_username field.
- **EKB-9486: Phone status export - Unregistered phones exporting incorrectly.** Macro function get_hierarchy_phone_statuses registered will now ignore case when using a status filter
- **EKB-9492: MS Teams device not included in payload for Manual Send operation.** Fixes an issue affecting subscribers with Microsoft Teams provisioned, where Microsoft Teams data is missing from NBI payload when manually sending subscriber state to a northbound system.
- **EKB-9493: Platform UUID for licensing not created for new installations.** There is now a new field named "Platform ID" in the License extract CSV file.
- **EKB-9515: SSO stopped working.** This change updates the SameSite cookie to Lax from Strict to allow third party SSO authentication.
- **EKB-9569: SDE code causing the hunt_group report to fail.** Fixes an issue that caused the hunt group report to fail during a subscriber data export (license auditing).
- **EKB-9696: All available ranges not shown in Directed Call Park DN dropdown.** Fixes an issue where all available ranges were not shown in range dropdowns.
- **EKB-9885: Privacy field does not update when modifying Cisco Unified Client Services Framework devices.** Fixes an issue where the Privacy field value on a Cisco Unified Client Services Framework does not change when toggling and modifying the device. Note: An import of the device/cucm/PhoneType model will need to be performed for all Unified CM clusters post upgrade to VOSS-4-UC 19.3.4 -PB5 or 21.1
- **EKB-9934: Reset security questions saves "successfully" but the TXN in the backend actually fails.** Fixes an issue with Security Questions failing without notifying the SelfService user.

5.4 Platform

- **EKB-10355: “cluster check” command fails on a FIPS enabled 19.3.4 system.** Fixes an issue where the “cluster check” command fails with a connection error on a FIPS enabled 19.3.4 system
- **EKB-9693: Selenium service consumes large amount of memory.** Fixes an issue where the Selenium service consumes large amount of memory when uploading Music On Hold files to Unified CM.
- **EKB-9729: No SNMP trap is raised when Selenium service is stopped due to Out of Memory event.** Fixes an issue where SNMP traps are not raised when services are stopped unnaturally

5.5 Workflow Templates

- **EKB-10024: Move Subscriber does not move data/LdapUser if the LDAP Authentication attribute differs from the Username.** Fixes an issue where the data/LdapUser instance is not moved to the destination hierarchy if the Authentication Attribute is not the same value as the Username.
- **EKB-10110: Generic Dial Plan: Removing Dial Plan fails if SIP Trunk no longer exists on Unified CM.** Fixes an issue where removing a Dial Plan fails if either of the following elements no longer exists on the Unified CM: Conference Bridge, MRGL, MRG, MTP, Route Group, SIP Trunk or Transcoder.
- **EKB-10127: DEFAULT_CUCM_GROUP macro returns multiple values at Linked Sites.** Fixes an issue where the macro, DEFAULT_CUCM_GROUP, returned multiple values on the CUCM Group from Site Defaults Doc when a Parent Site has Linked Sites configured.
- **EKB-10134: Generic Dial Plan: Add Call Forward and VM Profile to CTI Route Point model.** Adds Voicemail Profile, Alerting Name, Forward All to Voicemail, Display and External Phone Number Mask fields to CTI Route Point Dial Plan Model.
- **EKB-10292: GS_HcsDeleteCucmUserDs_PWF fails when the Subscriber has multiple Remote Destinations or Remote Destination Profiles.** Fixes an issue where the GS_HcsDeleteCucmUserDs_PWF workflow failed when Deleting the Subscriber Services, during Unified CM Data Sync, if the Subscriber has multiple Remote Destination Profiles or Remote Destinations associated.
- **EKB-10372: E164 to DN Associations are showing DNs as not associated for Linked Sites when Association exists at another Linked Site.** Fixes a Linked-Sites issue where the E164 number association feature was allowing unavailable numbers to be selected
- **EKB-10423: Agent Line is Deleted when modifying a Subscriber and no changes are made to the Device Line association.** Fixes an issue where Agent Line instances are deleted when modifying a Subscriber and no change is made to the Phone or Device Profile’s Line association.
- **EKB-5257: device/cucm/VoiceMailPilot dirn field not accepting custom values.** Fixes an issue where the Dirn field on device/cucm/VoiceMailPilot does not support setting a custom value. Also updates the choices to show a list of Available DNs instead of device/cucm/Line instances.
- **EKB-6324: User Association is not retained on Line when performing a Replace Phone.** Fixes an issue where the “End User” field value is not retained on a Line when performing a Replace Phone.
- **EKB-7899: UCCX Email and Chat Queue Types cant be managed once imported.** Enhances the Contact Center Express Contact Service Queue model to support Chat and Email queue types as well.
- **EKB-8270: Reassign Services creates a new user in CUC without an email address and Password.** Fixes an issue where ReAssign-Services feature was not populating the Corporate Email field on the target Voicemail user.

- **EKB-8342: Update CUCM_USER_serviceProfile and CUCM_userLocale named macros to cater for Move Subscriber.** Fixes an issue where Move Subscriber fails when using a User Template with the macros macro.CUCM_USER_serviceProfile or macro.CUCM_userLocale
- **EKB-8574: Macro applied in user CFT does not get evaluated when set inside the PIN field.** Fixes values not get applied correctly for macro's within a Configuration Template
- **EKB-9314: Modifying Use Device Pool Calling Party Transformation CSS on a CTI Route Point fails.** Fixes an issue where "Use Device Pool Calling Party Transformation CSS" could not be toggled on CTI Route Point update.
- **EKB-9339: Move Subscriber cross cluster does not roll back correctly if transaction fails.** Fixes an issue where Moving a Subscriber does not rollback completely if the transaction fails, which leaves some models at the Destination hierarchy.
- **EKB-9422: Extension Mobility Bulk loader disassociates Extension Mobility from Subscriber if User.username columns do not exist in Bulk Load sheet.** Fixes an issue where Subscribers are disassociated from Device Profile when the "User.username" columns are not present in the Modify Bulk Loader sheet for Extension Mobility: relation/SubscriberDeviceProfile
- **EKB-9454: Delete Extension Mobility fails when Line Delete Preference has Line Update set to True "Could not evaluate macro "{{ pwf.phoneDevices }}"**. Fixes an issue where Deleting Extension Mobility from a Subscriber fails if the "Allow Line Update after Device Deletion" is enabled in Line Delete Preferences.
- **EKB-9549: Agent Line is incorrectly deleted when the configured Phone or Device Profile is modified directly on CUCM and Data Sync run.** Fixes an issue where an Agent Line instance is deleted if a modification is performed on the related Phone or Device Profile, directly on Unified CM, and an import is performed by an executed Data Sync of the Unified CM.
- **EKB-9583: Updating a Hunt Group Pilot Number fails with Workflow not found [INNumberUpdatePWF].** Fixes an issue where updating a Hunt Pilot to use a new pattern failed.
- **EKB-9611: Add Subscriber does not show New Services, when the Subscriber Profile's Quick Add Group does not have an Extension Mobility Template set.** Fixes an issue with New Services not being display in BAP - Add Subscriber From Profile when the related profile's QAG does not have an Extension Mobility Template set.
- **EKB-9613: Site Delete fails when using friendly hierarchy name for Target Site when E164 Number at Customer is associated to DN at Site.** Fixes an issue where Deleting a Site fails when using the Site Name instead of PKID in Bulk Loader or API request.
- **EKB-9715: Directory Number Routing: Translation Patterns added with + Prefix are not removed from CUCM.** This fixes an issue where translation patterns containing a + where not deleted from CUCM on removal of Directory Number Routing.
- **EKB-9814: CUC User PIN and Password Templates are applied on every Quick Add Subscriber change, should only be on Add Voicemail.** Fixes an issue where the Voicemail PIN and Password was unintentionally being re-applied from the Quick Add Group default values for every subsequent Quick Add Subscriber transaction
- **EKB-9952: Bulk Loading QAS with Parallel-True causes input context to get lost intermittently when Subscribers are added.** Fixes an issue where cached context conflicted during a Quick Add Subscriber bulkload.

5.6 Business Admin Portal

- **EKB-9245: Export shows when it shouldnt and Export Bulk Load Template doesnt show at all.** Fixes issues with visibility of the Export button and specifically the export bulk load template option.
- **EKB-9346: Remove “Forgot your password” link on Login page due to missing Security Questions.** Removes ‘Forgot your password?’ link on login page.
- **EKB-9436: Add Subscriber does not show New Services, resulting in Line using next available Line, when NDL does not have a Unity Connection.** Fixes Existing and New Services not generating correctly, for a Site without a CUC configured in the Site related NDL, which results in the selected Line being ignored and the Line value is auto assigned from the next available Line.
- **EKB-9514: Line Group Member Line reorder does not work in BAP.** Line members of an existing Line Group can now be re-ordered successfully in Admin GUI and BAP via the “Hunt Group” menu. Similarly the following elements can now also be re-ordered successfully for the relevant relation and device/cucm models: Phones and Extension Mobility: Lines, Speed Dials, BLFs and BLF directed call parks. Remote Destination Profiles: Lines.
- **EKB-9611: Add Subscriber does not show New Services, when the Subscriber Profile’s Quick Add Group does not have an Extension Mobility Template set.** Fixes an issue with New Services not being display in BAP - Add Subscriber From Profile when the related profile’s QAG does not have an Extension Mobility Template set.

<<<<<<< HEAD * **EKB-9848: BAP portal hanging - Phones page not loading correctly - save button continuously spinning.** Fixes an issue where the save button on the Phones page was continuously left as a spinner. ===== * **EKB-9848: BAP portal hanging - Phones page not loading correctly - save button continuously spinning.** Fixes an issue where the save button on the Phones page was continuously left as a spinner. >>>>>>> bfb894ea00bf05399fa0c367fd3d54df60fb086f