



# VOSS-4-UC

## Release Notes for VOSS-4-UC 19.3.4

Release 19.3.4

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**Note:** It is recommended that the latest patch bundle is installed as part of the upgrade procedure to this version. Please refer to the Documentation Home Page of this version for reference to the latest patch bundle.

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### VOSS-4-UC Support Status Matrix by Version

The below schedule provides confirmation on the End-Of-Support (EoS) status of previous VOSS-4-UC versions as well as the EoS Notification of VOSS-4-UC 19.3.3.

The complete Software End-Of-Support policy can be viewed at [Software EoS Policy & Support Matrix](#)

VOSS-4-UC Version	Release Date	EoS Notification	EoS Date
17.6, 18.1	February 2019	June 2019	June 2020
19.1.1, 19.1.2	June 2019	October 2019	October 2020
19.2.1	October 2019	December 2019	December 2020
19.3.1	December 2019	April 2020	April 2021
19.3.2	April 2020	July 2020	July 2021
19.3.3	July 2020	December 2020	December 2021
19.3.4	December 2020	TBC	TBC

## Release Overview

These are the official release notes for:

- Product: VOSS-4-UC
- Release Version: 19.3.4

Release 19.3.4 is the fourth incremental update of the 19.x release series. The release mainly includes defect fixes and a few key enhancements.

Some highlights from the 19.3.4 release include:

- New features:
  - Integrated Cisco headset management
    - \* Subscriber/Device single pane of glass extended – inventory, templates (manage firmware and defaults), PRT logs
    - \* Enable Headset service in Unified CM Cluster(s)
    - \* Incorporate into billing/expense management
    - \* Inventory tracking of assets and usage
  - Music on Hold (MOH) File Management - allows administrators to carry out a number of tasks within the Admin Portal to manage MOH servers and audio files and includes the upload of MOH files to Unified CM.
  - LDAP Sync Improvements - Sync Lists can be configured to sync only required attributes, thus speeding up LDAP syncs and avoiding unnecessary updates on the VOSS-4-UC platform.
  - Cisco Phone Status Export Tool - Allowing administrators to export real-time status information of Cisco phones as a CSV file.
  - Enhanced language management for Cisco Unity Connection - Adds the ability to manage settings related to “Language that Callers hear” for a Cisco Unity Connection User.
  - New Cisco gateway capabilities, including:
    - \* Overbuild Analog Gateway, provides the ability to move an imported Analog Gateway, and the related Ports and End Points, to a Site, based on the Device Pool assigned to the first Port.
    - \* Add port to Analog Gateway, provides the ability to add a single Port with an assigned DN to an existing Gateway without having to select or configure a specific port.
- Business Admin Portal Improvements:

- IM & Presence and IPCC extension can now be managed on the Business Admin Portal (BAP) subscriber page.
- Added ability to modify Entitlement Profile on the BAP subscriber edit page.
- Field Display Policy with user details available on BAP profile subscriber section.
- Dropdowns will now display a message when not all options have been fetched from the system.
- Business Admin Portal updates Webex Teams license usage charts when drilling down into Site hierarchies.
- Usability and Operational Enhancements:
  - Support for VG400 and VG450 Analogue Gateways
  - Phone Based Registration (PBR) and VMware installers are shipped and stored on the platform during upgrade, allowing customers that have not installed PBR or VMware to run a command to install the current version of those applications.
  - Phone IP address and Status from Resource cache is cleared on upgrade.
  - Added a tool to associate and disassociate devices for application users.
  - Added the ability to install multiple patches using a single CLI command, and also run archived file (e.g. `tar.gz`) patch installs.

## Release Details

<b>Delta Platform</b>
Release : 19.3.4.353
Build Number : 2029
Platform Version : 19.3.4-1608321065

### Supported Upgrade Paths:

- Delta Bundle Upgrade:
  - 19.x => 19.3.4

### Cisco UC App Compatibility:

- For this Release, testing was performed using the following Cisco UC apps versions. Note that older versions of each UC app may also be compatible.

UC App	Versions
CUCM	10.5.2.18900-15 (SU8), 11.5.1.17900-52 (SU7), 12.5.1.13900-152 (SU3)
CUC	10.5.2.18900-15 (SU8), 11.5.1.17900-52 (SU7), 12.5.1.12900-56 (SU2)
HCMF	11.5.4.11900-3, 11.5.5.10000-2, 12.5.1.12900-4

## Important Information

- The Delta Bundle Upgrade mechanism only upgrades services that are currently installed on a platform.

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- The workflow HcsAddCucmUserDs\_PWF has been renamed back to GS\_HcsAddCucmUserDs\_PWF which is the original name for this workflow which was introduced by the “LDAP Sync Additions” Adaptation. The macro which is utilized by the related delete workflow, GS\_HcsDeleteCucmUserDs\_PWF, has also been renamed from HcsUserDeleteTriggersDeletePhone\_MCR back to its original name of GS\_HcsUserDeleteTriggersDeletePhone\_MCR as part of this change.

## Features: Summary

### 5.1 Core Software

- *EKB-3539*: Add new field to Configuration Templates to define Feature Usage to enhance GUI rule filtering.
- *EKB-4860*: Add mail, sAMAccountName, userPrincipalName to device/ldap/User summary attributes.
- *EKB-6084*: Clear Phone IP Address and Status from Resource Cache on Upgrade.
- *EKB-6169*: New API endpoint to fetch NBI subscriber data by pkid.
- *EKB-6544*: Refactor workflow tools to remove API use for advanced search for resource lookup.
- *EKB-6894*: Improve performance of workflow lookup for relation model code.
- *EKB-7077*: Update driver to exclude field data that is not in the sync list.
- *EKB-7520*: Add new function to return the Device Pool referenced by the least amount of Phones for a Site.
- *VOSS-704*: Improve LDAP sync - explicit list of attributes of interest.
- *VOSS-778*: Cisco Phone Status Export Tool.
- *VOSS-779*: Cisco Headset management.

### 5.2 Platform

- *EKB-6885*: New ProcessStarted trap and updates to make Process traps consistent.
- *EKB-7148*: Improve Patch Installation Usability.

### 5.3 Workflow Templates

- *EKB-1969*: Add support for VG400 and VG450 Analogue Gateways.
- *EKB-5430*: Update device/spark/User list request to use pagination.
- *EKB-6098*: Add and Remove Devices for Applications Users.
- *EKB-6168*: Generic DialPlan: Update DIAL-PLAN-RoutePartition-STATIC CFT macro for useOriginatingDeviceTimeZone.
- *EKB-6562*: Update Line Search view to show Line Group membership details for cross site members.
- *VOSS-483*: Productize Analogue Gateway Adaptation.
- *VOSS-696*: Enhanced language management for CUC.

- *VOSS-712*: Ability to upload MOH files.

## 5.4 Business Admin Portal

- *EKB-6178*: Expose IPCC Extension field on Subscriber page.
- *EKB-6531*: Add ability to modify Entitlement Profile for Subscriber Business Admin Profile.
- *EKB-6533*: Add “Enable IM & Presence” checkbox to Subscriber page in Business Admin Portal.
- *EKB-7424*: Show Site level Webex Teams license usage.
- *VOSS-808*: Business Admin Portal Improvements.

## Features: Detail

### 6.1 Core Software

- **EKB-3539: Add new field to Configuration Templates to define Feature Usage to enhance GUI rule filtering.** Adds a “feature\_usage” field to Configuration Templates. This field can be used to add feature specific keywords to CFTs, GUI rules can then be constructed to only show the specific CFTs with these keywords in dropdowns. Eg: `{# data.ConfigurationTemplate.name | target_model_type:device/cucm/User,feature_usage:QuickAddSubscriber #}`
- **EKB-4860: Add mail, sAMAccountName, userPrincipalName to device/ldap/User summary attributes.** This adds the following new columns to LDAP Users to filter on in the GUI and Model Instance Filter: mail, sAMAccountName, userPrincipalName
- **EKB-6084: Clear Phone IP Address and Status from Resource Cache on Upgrade.** This fixes an issue where stale registration data exists with Phones.
- **EKB-6169: New API endpoint to fetch NBI subscriber data by pkid.** Adds a new subscriber billing report to the Data Extract suite. The report is formatted for use with the Northbound Interface (NBI) application and is accessible via the REST API.
- **EKB-6544: Refactor workflow tools to remove API use for advanced search for resource lookup.** This fix improves the performance of the system by removing the internal use of the API and using internal utilities when looking up resource.
- **EKB-6894: Improve performance of workflow lookup for relation model code.** This fix improves performance of provisioning workflows lookup.
- **EKB-7077: Update driver to exclude field data that is not in the sync list.** Adds the ability to specify the list of LDAP attributes to be fetched from a specific LDAP server.
- **EKB-7520: Add new function to return the Device Pool referenced by the least amount of Phones for a Site.** Adds a new macro function, `get_least_used_site_devicepool`. This function returns the name of the Device Pool referenced by the least number of phones, at Site hierarchy.
- **VOSS-704: Improve LDAP sync - explicit list of attributes of interest.** This feature improves performance of subsequent LDAP sync operations by limiting the LDAP fields, which can cause update workflows on change, to a configurable set.
- **VOSS-778: Cisco Phone Status Export Tool.** This feature introduces the ability for administrators to export real-time status information for Cisco phones as a CSV file. Various options allow the list of exported phones to be filtered.

- **VOSS-779: Cisco Headset management.** This introduces support for viewing and managing Cisco headset inventory and templates. Note that this requires a supported Cisco UCM version (12.5 minimum).

## 6.2 Platform

- **EKB-6885: New ProcessStarted trap and updates to make Process traps consistent.** Updated SNMP traps to include ProcessStart
- **EKB-7148: Improve Patch Installation Usability.** Adds a new command (**app multi\_install**) that makes it possible to install more than one script/patch in a single command. Multiple script names are specified using space delimited list, a directory with a manifest, or a tar.gz archive of a manifest-backed directory.

## 6.3 Workflow Templates

- **EKB-1969: Add support for VG400 and VG450 Analogue Gateways.** Adds support for VG400 and VG450 Analogue Gateways. Before adding the VG400 or VG450 Gateway the device/cucm/GatewayType model will need to be imported for each Unified CM.
  1. Create a Model Type List which includes the device/cucm/GatewayType model.
  2. Add the Model Type List to all the required Unified CM Data Syncs.
  3. Execute the Data Sync for all the required Unified CMs.
- **EKB-5430: Update device/spark/User list request to use pagination.** Spark User list operation will now paginate correctly based on HTTP headers.
- **EKB-6098: Add and Remove Devices for Applications Users.** Adds a tool to Associate and Disassociate Devices for Application Users: view/AddRemoveDeviceAppUser
- **EKB-6168: Generic DialPlan: Update DIAL-PLAN-RoutePartition-STATIC CFT macro for useOriginatingDeviceTimeZone.** Updates the macro specified in the CFT for useOriginatingDeviceTimeZone so that the addition of Route Partition does not fail if the value is not specified when the Dial Plan is pushed.
- **EKB-6562: Update Line Search view to show Line Group membership details for cross site members.** Fixes an issue where Line Search did not find Hunt Group when Line Group member is at a different Site under the same Customer.
- **VOSS-483: Productize Analogue Gateway Adaptation.** Provides two new capabilities related to Cisco Gateway management: Overbuild Analog Gateway: Provides the ability to move an imported Analog Gateway, and the related Ports and End Points, down to a Site, based on the Device Pool assigned to the first Port. Add port to Analog Gateway: Provides the ability to add a single Port with an assigned DN to an existing Gateway without having to select or configure a specific port.
- **VOSS-696: Enhanced language management for CUC.** This feature adds the ability to manage the settings related to “Language that Callers hear” for a Cisco Unity Connection User.
- **VOSS-712: Ability to upload MOH files.** Provides the ability to upload Music On Hold files to single or multiple Unified CM clusters as well as manage Music On Hold Sources.

## 6.4 Business Admin Portal

- **EKB-6178: Expose IPCC Extension field on Subscriber page.** IPCC is now exposable using the User Details FDP.
- **EKB-6531: Add ability to modify Entitlement Profile for Subscriber Business Admin Profile.** Modifies the User Details section of the BAP Subscriber edit page to use the view to control visible fields, along with accompanying FDP.
- **EKB-6533: Add “Enable IM & Presence” checkbox to Subscriber page in Business Admin Portal.** IM & Presence is now available on the BAP subscriber edit page.
- **EKB-7424: Show Site level Webex Teams license usage.** Business Admin Portal now contains counters with Webex Teams usage
- **VOSS-808: Business Admin Portal Improvements.** Adds the ability to control Subscriber fields by adding a Subscriber Field Display Policy, BusinessAdminSubscriberDetailsFDP, to the Business Admin Portal Profile. Also adds the ability to configure Entitlement Profile, IM & Presence and IPCC Extension fields from Subscriber page as well as improving dropdowns by showing when not all values available are displayed.

## Defects Fixed: Detail

### 7.1 Admin GUI

- **EKB-5975: Filter is not working properly.** Fixes an issue where removing list view filters did not work when a URL rewriting proxy was in use.
- **EKB-6598: Subscriber page freezes when opening a subscriber.** Fixes an issue that was causing the subscriber page to freeze when loading a subscriber. Updated the subscriber GUI rules for phone activation code feature.

### 7.2 Self-service

- **EKB-4715: Self Service Display Feature Policy Default clone not working.** Fixes an issue whereby SelfService made use of the highest level SelfService Feature Display Policy (SSFDP) in the hierarchy tree instead of the lowest level in the hierarchy tree.
- **EKB-7304: Self Service: Remove deprecated Cisco Theme as the default for invalid theme fallback.** This fix removes the default cisco theme from Self Service as the default theme to fallback on when an invalid theme has been specified.
- **EKB-7350: Self-care PIN reset presenting error.** This fixes an issue where SelfService Users without voicemail update their PIN successfully however the Cancel, Save are still present and Unsaved Changes warning message is displayed when moving away from the My Information Form
- **EKB-7461: Password reset for bottom-up LDAP synced User does not work.** Fixes an issue where the V4UC Local Password cannot be updated via User Management for CUCM-LDAP Synced user types.

## 7.3 Core Software

- **EKB-3799: Errors during import of UCCX.** Correctly decode generic driver HTTP responses
- **EKB-4077: CNF sync fails, can't instantiate model it does not recognize:Vg224.** Fixes a failure in CUCM CNF syncs when change notifications are present for a model type that is no longer supported.
- **EKB-4463: Modify Bulk Loader do not work without Hierarchy in the Header.** Fixes an issue where Modify bulk loader fails when header hierarchy takes precedence over individual row data hierarchy.
- **EKB-4654: Expansion Module load name being hard coded in CUCM field.** This fix will send an empty value for Expansion Module load information if the special attribute is false. A false value indicates no custom value set hence device type default value will be used.
- **EKB-5337: Incorrect total of device/cuc/CallhandlerMenuEntry.** Fixes an issue where the total number of pages are not fully navigable CUC CallhandlerMenuEntry.
- **EKB-5595: Phones configured on multiple cucms but only plugged into 1 do not show correct status.** Phones with same name on separate Call Managers will now show correct registration information when displayed together in a list view.
- **EKB-6009: SQL Injection Vulnerability.** To prevent SQL injection, the macro function `fn.cucm_execute_sql` and the device model `device/cucm/SqlQuery` have been removed from the system. Protection has been added to the part of the Call Manager driver which uses thin AXL to prevent this type of attack.
- **EKB-6040: Remove filtering options on Phones list view for registration status.** This fix removes the filtering options for registration status fields in Phone list views in favour of the list view action to get the current registration status of phones in the list view.
- **EKB-6105: Transactions remain in 'Processing' state under transaction high load.** Fixes an issue where large amount of items in a queued state would stall and leave transactions in a Processing state and require a service restart and cleanup to continue.
- **EKB-6266: Sending License Audit files via email is not working.** A fix has been implemented to allow license audit emails to be sent via a non-TLS unsecured SMTP server.
- **EKB-6514: Bulk Loader adds CallPark instance when Action is not specified but Access Profile should not allow Add action.** Fixes an issue where the 'Add/Create' action is successful when executing a bulkloader with the Action column left blank even when the user does not have 'Add/Create' permissions. Reminder: To carry out a bulk load, the selected model should allow add operations in the Access Profile for the user.
- **EKB-6576: Voicemail failing to add an LDAP subscriber when special characters are in the name: KeyError:.** This fix allows special characters in alias when adding Unity voicemail.
- **EKB-6605: JSON export of extended version never completes.** Fixes an issue where exporting About -> Extended Version never completes.
- **EKB-6669: Update data/Settings to skip workflows for ignored changes on device/ldap/userProxy.** This fix adds a list of attributes to Global Settings in order to ignore data changes for workflows when syncing the LDAP model\_type of device/ldap/userProxy.
- **EKB-6834: HCM-F SI report empty after installing Patch for EKB-5200.** This fix reverts EKB-5200 in order to restore API compatibility for the HCM-F SI report generation.
- **EKB-6839: Unity Connection Greeting file Upload is hardcoded to Port 443.** Fixes an issue where the Greeting File Upload process always used port 443 and not CUC configured port. i.e 8443



- **EKB-6840: Workflow resource lookups causing device connection model cache update.** Fixes an issue where looking up connection details for devices caused an unnecessary database cache update.
- **EKB-6939: Incorrect response to PATCH API request.** API requests (such as PATCH) that return a 204 response code no longer try to include content.
- **EKB-7000: Updating the line's externalPresentationNumber to null, the externalPresentation-Number is not being sent in the AXL.** External presentation values can all now be set to null on 12.5 Call Managers.
- **EKB-7045: migrate\_summary\_attributes fails for Data Models with nested attributes.** Fixes an issue where the migrate\_summary\_attributes CLI command fails if the Data Model specified contains nested attributes.
- **EKB-7068: Add-on expansion module not visible for bulk-loaded phones - just a (New Record).** Fixes an issue where bulkloading a subscriber using the relation/subscriber entity and a phone that supports an Add-on module such as the Cisco 9971 results in the Add-On 'New Record' option not expanding when clicked.
- **EKB-7159: Default theme needs tidying up.** Updated copyright and centered logo for default theme
- **EKB-7394: Inefficient ldap schema query contributes to high load during DataSync.** Fixes an issue where the database query for an LDAP model schema is improved when a large number of imported LDAP model schema from many hosts exists in the system.

## 7.4 Platform

- **EKB-4132: Delta bundle upgrade required manual installation on all nodes.** The *cluster check* command has been updated to incorporate database health checks
- **EKB-4196: A stacktrace is thrown when 'cluster status' is run while a webproxy is off line..** The *cluster status* no longer prints an exception when a webproxy node is offline
- **EKB-5019: The keys add command has no validation or error output..** A warning message will now be displayed when an unknown host is entered with 'keys add <host>'.
- **EKB-5132: Local mail delivery failure causes root partition to fill up.** Fixes an issue where local mail delivery failure causes root partition to fill up.
- **EKB-6182: Platform user able to change password for any user, including root.** Removes the ability to change passwords for non-platform users
- **EKB-6196: Restarting services takes over 5 mins per node.** Resolves an issue where the mail system does not work if the firewall is in a stopped state.
- **EKB-6734: Enforce platform password policy rules for reuse and change frequency.** Updated password policies to ensure user able to set history number.
- **EKB-6833: Deprecated notify audit cannot be removed.** The deprecated audit level has been removed from the output of *notify list*

## 7.5 Workflow Templates

- **EKB-2469: Cannot add a Webex Teams user from BAP if a Service is not selected.** Fixes an issue when trying to add or update a Webex Teams user without selecting any services.

- **EKB-3402: Next Available Line Need to have some block so the number isn't dual assigned.** This places a 2 minute lock on a line once it is chosen as part of the Next Available Line feature while adding a Subscriber in BAP. The lock will prevent simultaneous transactions using the same line.
- **EKB-3446: If a user is created via QAS without an Email, Custom deleting fails from BAP Subscriber.** Fixes an issue when deleting a User from BAP when the user has no Email address.
- **EKB-3464: Adding or Deleting voicemail via relation/Voicemail does not update the CUCM Line Call Forward Settings.** This fixes an issue where a related CUCM Line's Park Monitoring and CFWD Settings are not updated when a Voicemail Account is added or removed at Site Level.
- **EKB-3485: Protocol dropdown on device/cucm/Gateway show error "Macro function error - unhashable type: 'list'".** This fix resolves an issue with Protocol Choices not displaying in device/cucm/Gateway
- **EKB-3638: Adding SMS Notification Device to User fails if User is at Customer level "data.SiteDefaultsDoc.defaultcucsmppprovider returned multiple values".** Adds a validation check to prevent a Voicemail account from being modified, via relation/Voicemail, if the Voicemail account is not at either Site or LinkedSite.
- **EKB-3719: Template upgrade fails when multiple HcsCredentialPolicy exist.** This fix removes legacy Hcs Credential Policy updates on upgrade.
- **EKB-4071: Overbuild: UCCX Agents moved to Site level in multi-cluster scenario is not device specific.** Fixes an issue where the same set of UCCX Agents imported from multiple UCCX servers are all moved to the same Site during Overbuild. Only the Agents which reside on the UCCX Server referenced by the Site's Network Device List should be moved to the Site.
- **EKB-4263: "Move User" to site with "Auto Push Users To CUCM" enabled overwrites UC Group/Roles.** Fixes an issue where the User's associated groups are overwritten on CUCM when moving the user with Auto Push enabled.
- **EKB-4266: Bulkloading view\_ResetUCPasswordPinVIEW fails when not explicitly defining "webex".** Blank values in bulk loader evaluates to FALSE when resetting password or pin values.
- **EKB-4395: EMCC Incorrect IP when creating the IP Phone Service.** Fixes an issue when adding a new EMCC Group the workflow creates the IpPhoneService, then the macro to generate the IP in the URL returns the NAT ip rather than the real IP of the CUCM.
- **EKB-4486: Cannot add EM to an existing subscriber.** Fixes an issue where adding the extension mobility service to a subscriber in the Business Admin Portal fails when selecting a feature template.
- **EKB-4567: Dial Plan Tool Macro does not contain a direction scope.** Fixes an issue where the Macro "DP\_Available" did not contain a direction scope.
- **EKB-5037: Updating existing N to 1 E164 Associations and setting Primary E164 does not add the Calling Party Transformation pattern.** This fixes an issue where Calling Party Transformations were not created, if a primary number was configured on the modification of an existing N to 1 E164 association.
- **EKB-5319: Drive Convert does not report as failed if convert step is not successful.** Ensures that failures on drive convert command is shown
- **EKB-5401: Edit and Replay for Create HcsAnalogGatewayRel returns blank page.** Fixes an issue where selecting the Edit & Replay action on a transaction which created an Analog Gateway returned a blank screen. This now returns the Add form with the previous details used.
- **EKB-5724: QAG Line Template Call Forward values are ignored when Voicemail is checked in QAS.** Fixes an issue where QAG Line Template Call Forward values were ignored when Voicemail is checked in QAS.

- **EKB-5744: Update Subscriber (created by QAS) fails when Entitlement Profile has SNR disabled.** Fixes an issue where Quick Add Subscriber was failing during update-Subscriber-step, when Entitlement Profile excluded SNR.
- **EKB-5832: Create or Edit Holiday Schedule fails if Start Time and End Time is the same for different Days.** Add support for creating 24hr schedules and also supporting pre-historic start dates.
- **EKB-6094: When using Dual-Mode Devices Voss auto-completes as CSFUserX.** This fixes an issue where Jabber Device Names are not generated with the base prefix and username and always append a random number on generation.
- **EKB-6141: Smart Add Phone: E164 Mask is not set when using macro.SDD\_QAS\_E164Number\_MCR in Phone CFT.** Fixes an issue where E164 Mask is not set on the Line when adding a Phone with Smart Add Phone when E164 Mask uses Macro in Configuration Template.
- **EKB-6277: Quick Add Subscriber fails when CUCM User exists at Customer level and Site has “Auto Push Users to CUCM” enabled.** Fixes an issue where performing Quick Add Subscriber and selecting a Subscriber which exists at Customer level, imported from CUCM, fails if the Site has “Auto Push Users to CUCM” enabled.
- **EKB-6309: Dial Plan SIP Trunk CFT missing value for callingAndCalledPartyInfoFormat.** Fixes an issue where pushing SIP Trunk configuration with Generic DialPlan feature failed due to missing callingAndCalledPartyInfoFormat value in Configuration Template DIAL-PLAN-SIPTrunk-STATIC
- **EKB-6460: Move Filter added at Provider level does not show Customer or Reseller Selfservice Roles when destination is Site.** This fixes Move Filter’s added at Provider level displaying Customer or Reseller Selfservice Roles when destination is Site
- **EKB-6492: Creating an Auto Attendant with a Pilot uses Partition CuXX-AllowVm-PT instead of CuXX-DirNum-PT.** Fixes an issue where the Route Pattern created for Auto Attendant was added with the incorrect Partition of CuXX-AllowVm-PT preventing calls from E164 numbers from routing to Cisco Unit Connection, the Partition will now be added as CuXX-DirNum-PT. The Configuration Template AddCucmRoutePatternForCallhandlerCFT now contains the Partition value of {{ macro.HcsDpUniqueCustomerPrefixMCR }}-DirNum-PT
- **EKB-6532: DN Filter “Show Numbers belonging to this Subscriber” does not work on Extension Mobility relation.** Fixes an issue where the DN Filter “Show Numbers belonging to this Subscriber” does not filter the list of numbers correctly on the Extension Mobility menu.
- **EKB-6551: Holiday Schedule Start Date/End Date keeps auto correcting back to YYYY-MM-DD on input.** Fixes an issue where the Start Date or End Date reverts back to the default value of YYYY-MM-DD ,when the last character is cleared, when adding or updating Holiday Schedules for Auto Attendant.
- **EKB-6564: device/cucm/LdapFilter limits field length to 225 characters - Blocks ability to update Custom Filters from V4UC.** Fixes an issue where CUCM Ldap Filter with string value longer than 255 characters could not be created in V4UC.
- **EKB-6583: Sip Trunk Security Profile is hidden in data/GlobalSIPVMDPPProfile FDP.** Exposes the SIP Trunk Security Profile field on Dial Plan Profile for Unity SIP Integration feature.
- **EKB-6795: System Call Handler: Enabling Greeting on Greeting tab does not work.** Fixes a Call Handler issue where the admin was not able to activate a Greeting on the Greetings tab.
- **EKB-6830: NDL and Route List not present after a call handler is created.** Fixes an issue where after adding an Auto Attendant, the NDL and Route list were blank
- **EKB-6831: Unity SIP VM Integration: Update GlobalSIPVoicemail-SubSIPTrunk-Add PWF to use Mapped values.** Fixes an issue where the SIP Trunk added for the Unity Connection secondary

server does not evaluate the values set for Redirecting Diversion Header Delivery - Inbound, Redirecting Diversion Header Delivery - Outbound and SRTP Allowed correctly.

- **EKB-6881: Overwrite when using QAS with Dual mode name that already exists.** This fixes an issue in Quick Add subscriber where an existing dual mode phone is removed and re-added.
- **EKB-6893: Adding standalone voicemail account from relation/Voicemail if no Default Entitlement Profile has been set.** Fixes an issue where admins were unable to add standalone LDAP voicemail accounts via the Voicemail relation
- **EKB-6895: Add Reseller to Overbuild RuleModelHierarchyTypes.** Adds Reseller to the allowed list of hierarchies for running Overbuild.
- **EKB-6923: Bulk Load of duplicate subscribers deleted voicemail account.** Fixes duplicate subscriber validation allowing for subscriber move scenario when synced to a higher level before adding at site.
- **EKB-6933: Caller input action Transfer to Alternate Contact is not updated on Unity when changing an input on VOSS.** Fixes a Caller Input issue (found in both Auto Attendant Call Handler as well as Voicemail relation), in which modifications to the Caller Input's Alternate Transfer Extension value did not persist.
- **EKB-6953: Call Manager Relation Delete is Blocked by instances of data/alerts.** This fixes an issue where a Call Manager cannot be deleted because there are referenced Alerts.
- **EKB-6954: UCPrep has a problem resolving macros picked up from data models - SIP Profile.** This fix allows for macro functions in the name field of the UCPrep SIP Profile CFT.
- **EKB-7002: Email Address cannot be removed from Voicemail relation.** Fixes an issue where the Email Address field cannot be cleared when modifying a Voicemail account from the Voicemail menu: relation/Voicemail.
- **EKB-7026: Rename workflow HcsAddCucmUserDs\_PWF back to GS\_HcsAddCucmUserDs\_PWF and macro HcsUserDeleteTriggersDeletePhone\_MCR to GS\_HcsUserDeleteTriggersDeletePhone\_MCR.** The workflow HcsAddCucmUserDs\_PWF has been renamed back to GS\_HcsAddCucmUserDs\_PWF which is the original name for this workflow which was introduced by the "LDAP Sync Additions" Adaptation. The macro which is utilized by the related delete workflow, GS\_HcsDeleteCucmUserDs\_PWF, has also been renamed from HcsUserDeleteTriggersDeletePhone\_MCR back to its original name of GS\_HcsUserDeleteTriggersDeletePhone\_MCR as part of this change.
- **EKB-7047: Webex Teams Token expires after 15 days.** Fixes an issue where Webex Teams Customer token refresh is not working if multiple Webex Teams Customers are set up.
- **EKB-7078: Generic DialPlan: Add DialPlan MultiCluster push Support - Second Server PT Failing.** Fixes an issue where Dial Push to secondary Cluster failed due to Partitions being skipped.
- **EKB-7086: Generic DialPlan: Multicluster Dial Plan push fails with "Resource Not Found" error.** Fixes any issue where Dial Plan push fails if Unified CM has been added without an IPV4 address.
- **EKB-7095: Unable to make changes to voicemail if relay address is populated and 'relay' is not set for any actions.** If Relay Address field is populated with an email and there is no relay present for message actions, the Relay Address will not be sent to the Unity Connection server
- **EKB-7254: Display Name is not updated on CUCM when syncing User from LDAP.** Fixes an issue where Display Name is not set on Unified CM when the value changes for the User on LDAP.
- **EKB-7422: Convert CUCM-LDAP to Local does not remove all LDAP fields from CUC User.** Fixes an issue where LDAP specific fields are not removed when CUC user is converted from LDAP Integrated to Local.

- **EKB-7496: Mobility is enabled when adding Phone to existing Subscriber via API if Mobile-identity is in input context as empty list.** This fixes Mobility being Enabled incorrectly when a Dual Device is added without Mobile Identity or a Remote Destination.

## 7.6 Business Admin Portal

- **EKB-4525: Line reorder in BAP does not work.** Fixes an issue where changing the line order on the phone edit page in the Business Admin Portal had no effect.
- **EKB-5670: Existing CUCM LDAP Synced users not showing in BAP view/AddSubscriberFromProfile.** This fixes the following with BAP - Add subscriber From Profile: - Add back the full list of users - Display the user's existing services in a 2nd panel - Display the new services to be added by profile in a 2nd panel - Always show users at the customer level as well (same as QAS when the flag is checked) - Harden Subscriber workflow to skip services that already exist.
- **EKB-5735: Adding Hunt Group under Customer Hierarchy Keeps Failing.** Fixes an issue while adding line members to a Hunt Group in the Business Admin Portal.
- **EKB-6385: Cannot Modify ATA Devices from BAP.** Password pattern checking will now correctly evaluate.
- **EKB-6685: Adding LDAP synced Subscriber sets PIN field to hidden.** Fixes an issue where the PIN field was hidden for LDAP users when adding a Subscriber from Profile in BAP. The PIN field is now not hidden.
- **EKB-6710: Counts on Subscriber page are not correctly counting Subscribers for LDAP and Local.** Local Users and LDAP Synced counters will now accurately show the number of respective Subscribers on a given system.
- **EKB-6959: Not able to add any type of Jabber device via BAP for Quick Add Subscriber.** Fixes an issue where Jabber / Dual-Mode Device names are not validated correctly when Quick Add Subscriber is exposed in Business Admin Portal as a Custom Feature.
- **EKB-6990: BAP add subscriber email field is mandatory.** Modifies the User Details section of the BAP Subscriber edit page to use the view to control visible fields, along with accompanying FDP.
- **EKB-7330: Add Subscriber Form Voicemail fails on existing users.** Fixes an issue in Business Admin Portal - Add Subscriber From Profile where the feature attempts to recreate an existing Subscribers services incorrectly resulting in failure.