



VOSS

Release Notes for VOSS Automate 21.4

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Release Overview

These are the official release notes for:

- Product: VOSS Automate
- Release Version: 21.4

Release 21.4 is the fourth release for the 21.x release series and contains the following highlights and enhancements:

Highlights:

- License enforcement

This release introduces License Enforcement for VOSS Automate. A license must be obtained from VOSS and applied post upgrade to 21.4. A valid license must be applied within 7 days of upgrading to prevent service interruption. Review the “Upgrade Notes for VOSS Automate 21.4” for VOSS-872 for additional information.

- Business Admin Portal consolidated with Admin Portal

This release deprecates the existing dedicated Business Admin Portal. The capabilities, look and feel previously offered by the Business Admin Portal have been added to the Admin Portal. This allows system owners and designers far more flexibility in configuring a custom and purpose-driven “BAP” Interface, for devolved administrator use. It also relies on common RBAC tools to drive the configuration as opposed to specific controls for a separate custom interface. Manual steps are required post upgrade to “migrate” the BAP configuration, previously configured via BAP Profiles(data/IntefaceBusinessAdminPortal), into a Menu Layout, Landing Page and Access Profile combination to provide the same look and feel in the Admin Portal.

Navigating to the BAP specific URLs: /business-admin, /portal/#/business-admin, will redirect to the Admin Portal /portal/#/admin

Review the [VOSS Automate 21.4 Admin Portal Evolution](#) presentation, for the details and benefits of switching to the Admin Portal, as well as the “Upgrade Notes for VOSS Automate 21.4” for VOSS-1070 for additional information and upgrade planning.

- Admin Portal Improvements

- Admin Portal offers significant benefits over the Classic Admin interface and switching to the Admin Portal is highly recommended
- CLI options added to make Admin Portal the default interface (recommended) and disable Classic Admin. See: [VOSS Automate 21.4 Admin Portal Evolution](#) for details
- Tab or Panel display choice to Field Display Policy configuration
- Widget support to Landing Page configuration
- Ability to modify filters
- Saved Search capability
- Improves Accessibility support

- Microsoft use case improvements and expansion

- New use cases and improvements to existing use cases based on customer feedback - see below for more details
- Improvements to Microsoft Call Queues
- Microsoft External Access management

- Microsoft User Calling Settings management
- Microsoft Group Sync management
- Improvements to adding of Microsoft Resource Accounts
- Webex App Management Enhancements
 - Support for new Webex App calling APIs:
 - Allows configuration and syncing of Calling Behaviour and Call Settings for Subscribers and Web App Users
 - CSV File provisioning is no longer required and has been deprecated
 - Default Calling Behaviour, Default UC Manager Profile and Use Organization's Domain added to Customer Access configuration
- Cisco Single Number Reach Ring Schedule management for Admin Portal
 - Allows provisioning of SNR Remote Destination Ring Schedules from Admin Portal
 - Unified CM must be on 11.5.1 SU10, 12.5 SU6 or 14.0 to support modification of Ring Schedules due to CDET CSCvb47065
 - Managing of Ring Schedules from Admin Portal must only be done if Self Service is not used to manage Ring Schedules
- Operational Enhancements
 - Call Forward No Answer Ring Duration and Call Forward Unregistered fields added to Self Service
 - Cisco E164 Management for non-HCS Dial Plans
 - Filtering of Cisco Replace Phone configuration Template to hide non-relevant CFTs
 - Improves Azure Cluster deployment by allowing customized VM Name and Resource Group creation

Release Details

ISO Platform
Release : 21.4
Build Number : 21
Platform Version : 21.4.0-1673897495

Delta Platform
Release : 21.4
Build Number : 3898
Platform Version : 21.4.0-1673898796

Supported Upgrade Paths:

- ISO Upgrade:

– 19.x =>

- Delta Bundle Upgrade:

- 21.x =>

- Customers who operate certain End-of-Support versions of VOSS Automate may be required to upgrade to newer versions of the software *prior* to upgrading to VOSS Automate 21.4.

These versions include VOSS-4-UC 18.1, 18.1-PB3, 19.1.1, 19.1.2

Upgrade Paths:

- CUCDM 11.5.3 (Patch Bundle 4b) > ISO upgrade to 19.2.1 > ISO upgrade to 21.4
 - 18.1 (Patch Bundle 3/3b) > ISO upgrade to 19.2.1 > ISO upgrade to 21.4
 - 19.1.1 > Delta Bundle upgrade to 19.2.1 > ISO upgrade to 21.4
 - 19.1.2 > Delta Bundle upgrade to 19.2.1 > ISO upgrade to 21.4

- When upgrading from 18.1.3, refer to the “Upgrading from 18.1.3 to the Latest Release” section of “Upgrade a Multinode Environment with the ISO and Template” in the *Upgrade Guide with ISO*.

- Upgrading from Release 19.3.x with FIPS enabled:

If FIPS was enabled on your system (release 19.3.x) *prior* to upgrade, obtain and run EKB-11024-19.3.4_patch.script:

1. On the Customer Portal, go to **Downloads > VOSS-4-UC > 19.3.4 > Patches > EKB-11024-19.3.4_patch**.
2. Download EKB-11024-19.3.4_patch.script and follow installation instructions in MOP-EKB-11024-19.3.4_patch.pdf.
3. For further details, refer to the *Federal Information Processing Standards (FIPS)* topic in the Platform Guide.

Application Compatibility:

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

UC App	Versions
CUCM	10.5.2.17900-13 (SU7), 11.5.1.23900-30 (SU11), 12.5.1.16900-48 (SU6), 14.0.1.11900-132 (SU1)
CUC	10.5.2.17900-13 (SU7), 11.5.1.23900-30 (SU11), 12.5.1.16900-29 (SU6), 14.0.1.11900-128 (SU1)
HCMF	11.5.4.11900-3 (SU1), 11.5.5.10000-2, 12.5.1.10000-5, 12.6.1.10000-2
UCCX	12.5.1.11001-348 (SU1-ES03)

VOSS App	Versions
VOSS NBI	4.1.3
VOSS Analytics Dashboard	22.2
VOSS Assurance Arbitrator	22.2
VOSS Migrate	22.7

Refer to the Compatibility Matrix in the Core Feature Guide for all app compatibility and browser support.

Important Information

Two key features in Automate 21.4 require specific planning:

- Admin portal evolution and the deprecation of the Business Admin Portal
- VOSS Automate license enforcement

For upgrade planning steps, refer to the *Upgrade Notes for VOSS Automate 21.4*.

Features: Summary

4.1 Automate Admin GUI

- [VOSS-1086](#): Accessibility support in the Admin Portal.
- [VOSS-1070](#): Consolidate Business Admin Portal capabilities with Admin Portal.
- [VOSS-1045](#): Remote Destination schedule management support for the Admin Portal.
- [EKB-8092](#): Improve layout of list, form and landing pages by making them more compact.
- [EKB-4480](#): Add support for panel display in Field Display Policy.
- [EKB-4276](#): Add widget support to Landing Page configuration.
- [EKB-13551](#): Provide a menu drop-down of actions when there are a lot of actions, or no action icon can be found.
- [EKB-13411](#): Support the ability to configure a default menu layout or landing page entry for a specific model type.
- [EKB-11086](#): Add Saved Search capability to Admin Portal.
- [EKB-10565](#): Transactions Search Filter is missing Transaction ID (Range), and Message fields.

4.2 Automate Core

- [EKB-4889](#): Customer admin should not be able to add “Standard CCM Super Users” group to subscriber.
- [EKB-13768](#): Add an input data consistency check to the Relations pipeline stage.
- [EKB-11522](#): Enhanced Microsoft sync filtering support.

4.3 Automate Licensing

- *VOSS-872*: License Enforcement.

4.4 Automate Self Service

- *EKB-13932*: Expose Call Forward “No Answer Ring Duration” and “Unregistered Internal/External” fields in Self-service.

4.5 Automate Templates

- *VOSS-1148*: Call Queue improvements needed.
- *VOSS-1115*: Microsoft Auto Attendant improvements.
- *VOSS-1098*: Microsoft Group sync ability.
- *VOSS-1065*: Support ‘CsUserCallingSettings’ cmdlet for Microsoft Teams to add settings such as call forward and delegation.
- *VOSS-1061*: Updated support for new Webex App calling APIs.
- *VOSS-1049*: Configure External Access settings in Microsoft Teams.
- *VOSS-1048*: MS Teams - Support for Teams management and user assignment.
- *EKB-7419*: Add E164 management for non-HCS dial plans and Enterprise deployments .
- *EKB-13980*: Add filtered “Replace Phone” configuration templates (CFTs) to ensure selection of correct CFTs.
- *EKB-13798*: Domain should be selectable and autopopulate the User Principal Name when adding a Resource Account.
- *EKB-13371*: Support setting EnterpriseVoiceEnabled via CsOnlineUser device model.

Features: Detail

5.1 Automate Admin GUI

- **VOSS-1086: Accessibility support in the Admin Portal.** Improves accessibility support for Admin Portal to meet Level A and Level AA Success Criteria as described in Web Content Accessibility Guidelines (WCAG) 2.1.
- **VOSS-1070: Consolidate Business Admin Portal capabilities with Admin Portal.** The Business Admin Portal functionality has now been consolidated with the Admin Portal. This allows for the same user experience to configured for Admin users.
- **VOSS-1045: Remote Destination schedule management support for the Admin Portal.** Adds support for managing Ring Schedules on Remote Destinations, for Single Number Reach, for Admin Portal.
- **EKB-8092: Improve layout of list, form and landing pages by making them more compact.** List pages, forms, and landing pages are now more compact.

- **EKB-4480: Add support for panel display in Field Display Policy.** Users can now specify the “Display as” option for all groups between tabs, fieldsets, and panels, in the Admin Portal.
- **EKB-4276: Add widget support to Landing Page configuration.** Added widgets to Landing pages.
- **EKB-13551: Provide a menu drop-down of actions when there are a lot of actions, or no action icon can be found.** Certain breadcrumb actions will now always appear in a ‘More Options’ drop-down menu.
- **EKB-13411: Support the ability to configure a default menu layout or landing page entry for a specific model type.** Added “Set as default model Type” checkbox to Menu Layout items and Landing Page links, to allow configuration of default FDP/CFT/Title to be used in cases where these cannot be determined for the model type.
- **EKB-11086: Add Saved Search capability to Admin Portal.** Added “Saved Search” functionality to the Admin Portal.
- **EKB-10565: Transactions Search Filter is missing Transaction ID (Range), and Message fields.** Introduces Transaction ID Range filter and Message filter to the Transaction Search filters.

5.2 Automate Core

- **EKB-4889: Customer admin should not be able to add “Standard CCM Super Users” group to subscriber.** Provide a mechanism to prevent admins from promoting subscribers on CUCM to non-permissible roles by verifying the assigned group against a configured list.
- **EKB-13768: Add an input data consistency check to the Relations pipeline stage.** Added additional data validation to the export base functionality.
- **EKB-11522: Enhanced Microsoft sync filtering support.** Added the “IsLicensed” field as a filterable field to MsolUser.

5.3 Automate Licensing

- **VOSS-872: License Enforcement.** As part of the VOSS Automate 21.4 release, license enforcement will be enabled on all Automate deployments, including production and lab environments. This will result in the requirement for license keys to be obtained and installed on all platforms (within 7 days from the date of upgrade) to ensure no service disruptions are experienced.

5.4 Automate Self Service

- **EKB-13932: Expose Call Forward “No Answer Ring Duration” and “Unregistered Internal/External” fields in Self-service.** Adds three new Call Forward settings in Self-service:
 - Call Forward Unregistered Internal
 - Call Forward Unregistered External
 - Call Forward No Answer Ring Duration

Note: The latest Self-service language packs will need to be installed to support translation of the new fields.

5.5 Automate Templates

- **VOSS-1148: Call Queue improvements needed.** Microsoft Teams - Call Queue Management is now fully supported in VOSS Automate.
- **VOSS-1115: Microsoft Auto Attendant improvements.** Improves the usability of Microsoft Auto Attendants.
- **VOSS-1098: Microsoft Group sync ability.** Adds the ability to import and view Groups from Azure AD. Add, Update and Delete of Groups is not supported in this release, but the imported Groups can now be select on Call Queues, Auto Attendants, etc.
- **VOSS-1065: Support 'CsUserCallingSettings' cmdlet for Microsoft Teams to add settings such as call forward and delegation.** Adds the ability to manage User Call Settings such as Call Answering Rules, Call Delegation, Forwarding, Dial Out Policy etc for MS Teams Users.
- **VOSS-1061: Updated support for new Webex App calling APIs.** This feature adds support for configuring Webex Calling Behavior via the Control Hub API instead of via CSV file import. This allows for a more seamless integration between VOSS Automate and Webex Control Hub.
- **VOSS-1049: Configure External Access settings in Microsoft Teams.** Adds the ability to manage External Settings for Microsoft Teams.
- **VOSS-1048: MS Teams - Support for Teams management and user assignment.** VOSS Automate now supports full management of Teams in Microsoft Teams. It is possible to sync in, add, modify, delete, archive and unarchive teams using VOSS Automate. Adding members to Teams is also possible as well as adding standard channels.
- **EKB-7419: Add E164 management for non-HCS dial plans and Enterprise deployments.** Implements support for E164 mapping and dial plan configuration options for non-HCS Dial Plans and Enterprise deployments.
- **EKB-13980: Add filtered "Replace Phone" configuration templates (CFTs) to ensure selection of correct CFTs.** "Replace Phone" configuration templates are now filtered against the "feature_usage" value of "replacephone". Eleven samples are provided and should be cloned when creating new phone CFTs. This will ensure that the feature_usage value is correct and the CFT will appear in the choices. Service providers already using this feature should ensure that any required device/cucm/Phone CFTs are updated to set the 'Custom feature usage identifier' to 'replace' phone. Search for CFTs with name starting with 'Replace Phone Template' for examples.
- **EKB-13798: Domain should be selectable and autopopulate the User Principal Name when adding a Resource Account.** When adding a Resource Account, it is now possible to choose domains associated to the tenant. A read-only, informational field called "User Principal Name" has been added to the Add page, and displays the User Principal Name name to be added with the domain autopopulated from the chosen domain.
- **EKB-13371: Support setting EnterpriseVoiceEnabled via CsOnlineUser device model.** Provides additional support to control "Enterprise Voice Enabled" field direction on the Microsoft Teams Subscriber to enable additional use cases. For example, user with Enterprise Voice enabled = true, but no number assigned.
- **EKB-13163: Create device model for Microsoft Teams "External Access" settings.** It is now possible to use VOSS Automate to configure the Microsoft Teams "External Access Settings". All settings are configurable using VOSS Automate and any settings changed through the Microsoft Portal will reflect in VOSS Automate.

Defects Fixed: Detail

6.1 Automate Admin GUI

- **EKB-14675: Subscriber list views take long to load in the Admin Portal.** Improves the performance when viewing a list of Subscribers.
- **EKB-14548: Restarting the voss-portal service deletes default themes.** Fixes an issue where default themes do not take affect after a voss-portal service restart.
- **EKB-14496: Edit and Replay of Clone transaction overwrites original.** Fixes an issue where using Edit & Replay on a Clone transaction would overwrite the original instance.
- **EKB-14466: Not able to remove ownerUserName from Phone post 21.3 PB3 Upgrade.** Fixes an issue where drop-down values cannot be cleared.
- **EKB-14010: Login User to Phone modal closes when using Search icon to find user.** Fixes an issue where the modal is closed immediately after selecting a result, when using the Search icon to perform a Starts with Search from any Quick action.
- **EKB-13796: Transaction log links must have discernible text.** Fixes a WCAG violation for chevron icons in the list on the Transaction Logs tab.
- **EKB-13633: Organization picker does not recognize change of hierarchy name.** The hierarchy picker now reflects changes made by successful update transactions on hierarchy nodes.
- **EKB-12837: Password field appears for LDAP subscriber.** Fixes an issue where the password field was displaying for LDAP subscriber.
- **EKB-12623: Empty Components are not hidden.** Panels will now be hidden if they contain no visible fields.
- **EKB-12487: Landing page “Display Multiple Columns” not working as expected.** Removed the “Display Multiple Columns” field from the Landing Page configuration form.
- **EKB-12236: From Line Search, the Extension Mobility link should open the Extension Mobility page and not Subscriber.** Changed the Extension Mobility link on the Line Search page to open the Extension Mobility Management page and not the Subscriber Management page.
- **EKB-10365: Configurable Filters are applied immediately in LP and Menus instead of popping out filter Modal.** Menu items and landing page links with configurable filters show a filter pop-up before navigating. Filter pop-up now supports updating of existing filters by selecting the filter chip.

6.2 Automate Audit/SDE

- **EKB-13562: Long running Subscriber Data Export.** Fixes an issue which could cause the MS O365 SDE report to run for an extended period of time.

6.3 Automate Core

- **EKB-7550: Theme name tool tip (or help) does not include caveats information.** Updated the description for Theme Name to state the description on the Theme Name.
- **EKB-14728: Transaction log save causing swap and memory errors.** Prevent out-of-memory errors and swap usage when a large DataSync transaction fails.
- **EKB-14680: Unable to export CUCM Service Profile instances or Bulk Load Template.** Fixes an export failure for Service Profiles.
- **EKB-14679: MS Teams QAS - User ID Case Sensitive.** Case insensitivity is now supported from a bulk loader perspective.
- **EKB-14667: Microsoft-related SDE exports do not always populate the username field.** Added support for case insensitive lookups for certain relations.
- **EKB-14618: voss-deviceapi services failing to start due to long hostname.** Improves the allowed number of characters for a platform node hostname from 43 characters to 55.
- **EKB-14438: fn.apply_filter not working for OpenLDAP with certain fields.** Fixes an issue where certain OpenLDAP field mappings were not catered for as part of Filtered Move feature.
- **EKB-14307: LDAP User Sync failure due to missing data/UserFieldMapping instance for device/ldap/userProxy.** Fixes an issue where LDS User Field Mapping models were not migrated upgrading from 19.X.
- **EKB-14277: MultiVendorSubscriber list fails to render if subscriber has both Cisco Webex App and Microsoft Collaboration Services.** Fixes an issue with MultiVendor Subscriber List view failing to render for subscribers with both Cisco and Microsoft Collaboration Services.
- **EKB-14150: Not seeing notifications on dbroot mapper.** dbroot mapper added to disk space monitoring.
- **EKB-14088: LDAP server shows encoded value in LdapUserSyncDAT model.** Fixes an issue with foreign reference business keys containing non-ASCII characters.
- **EKB-14052: Landing Page should not have a “Display As” option of Landing Page.** Removed the Landing Page “Display As” option on Landing Pages.
- **EKB-13870: Memory swap alarm caused by LineSearch.** Fixes an issue with the Line Search feature generating high memory usage.
- **EKB-13714: Unable to log in to selfcare for ‘Top Down synced’ LDAP users.** Fixes an issue where Top Down LDAP synced users were unable to log in to selfcare.
- **EKB-13666: CUCM LDAP-synced users cannot log in to Self-service when auth method is ‘Automatic’.** Fixes an issue to allow for correct usage, on authentication against LDAP, of the auth attribute specified on the LDAP server, when authentication method is set to ‘Automatic’.
- **EKB-13179: VOSS Portal - Much slower using Dual Admin users.** This change defers access profile compilation to after login.
- **EKB-13125: Some services down on different nodes sorting by hierarchy.** Improves performance and memory usage of list views when sorting by hierarchy (“Located At” column).
- **EKB-11526: Replaying an Update Relation transaction can duplicate array objects.** Fixes duplicate array entries being created to lists when replaying a transaction.

6.4 Automate Platform

- **EKB-13896: MongoDB not provisioned after IP change of platform.** A single node (standalone) system will no longer fail to provision mongodb after having its IP address changed.
- **EKB-13590: SFTP backup setup issue with non-alphanumeric characters.** Asking for ssh user-name when not provided when running “backup add” command.
- **EKB-13197: Upgrade failure when CSR certificate generated, but no valid associated CA signed certificate uploaded.** Fixes an issue that causes the ISO install script to freeze when a CSR certificate was generated, but no valid associated CA signed certificate uploaded.
- **EKB-12843: OWASP Top 10 cryptography vulnerabilities.** Removed a decryption function that was vulnerable to padding oracle attacks.
- **EKB-10588: The contents of the /var/log/nginx directory can be deleted by the platform user.** Fixes an issue on the nginx bubble installation where the user group and the permission of “/var/log/nginx/” were incorrect.

6.5 Automate Self Service

- **EKB-12344: Insecure implementation of anti-CSRF token.** Fixes anti-CSRF protection mechanism on Self-service.

6.6 Automate Templates

- **EKB-9921: Deleting the second of two phones from the Subscriber page does not update the DNs back to Unused.** Fixes an issue where the second phone with a line could not be deleted from the Subscriber GUI.
- **EKB-4634: Device Security Profile drop-down on analog phone does not show any valid choices on relation/SubscriberPhone page.** Security profile will now be available for CUCM analog phone after PhoneType model is re-imported.
- **EKB-13807: Unable to update the Microsoft call queue when only one call agent exists in the queue.** Fixes an issue where the user was unable to update the Microsoft call queue when only one call agent exists in queue.
- **EKB-14735: Remove “Clone” and “Move” actions for Microsoft Teams External Access (Cs-TenantFederationConfiguration).** Removed the “Clone” and “Move” operations in the Access Profiles for External Access (device/msteamsonline/CsTenantFederationConfiguration).
- **EKB-14874: Webex Refresh Access Token Shows invalid when using https_proxy.** Fixes an issue where refreshing a Webex App Access Token with https_proxy url configured is not successful.
- **EKB-14773: Macro ValidateMicrosoftTeamsServices has wrong direction for fulltree.** Running the Hybrid Multivendor view will successfully complete when new MS O365 and MS Teams user instances are at Customer level.
- **EKB-14760: Provisioning a Microsoft subscriber with a LineURI that includes an extension, is broken.** Fixes an issue where the update of a Microsoft subscriber hangs when adding an extension number.
- **EKB-14683: Microsoft Graph API certificate authentication not working.** Fixes an issue where Certificate Authentication does not work for Microsoft Graph API.

- **EKB-14646: Delete Line-relation should also update the number to “Available”.** Fixes an issue where the status of numbers were not being set to “Available” when the line was removed via the Line relation page.
- **EKB-14621: MS Teams sync failure on Auto Attendants - first of 191 fails and causing all to fail.** Fixes an issue when the AutoAttendant instance cannot be imported or accessed because an associated Resource Account has been removed from Azure Active Directory.
- **EKB-14565: Number Inventory Description field is not updated following Cisco or MultiVendor Subscriber Move.** Fixes an issue where the Number Inventory Description field is not updated in Move Subscriber cases.
- **EKB-14513: Adding Cisco 840 and Cisco 860 fails with error “MLPP Preemption must be disabled on devices that do not support the MLPP Preemption feature”.** Fixes an issue where adding a Cisco 840 or Cisco 860 Phone Type fails with MLPP Preemption error.
- **EKB-14505: Re-provisioning LDAP user does not update the CUCM LDAP directory name, leaving user as local.** Fixes re-provisioning of LDAP user to update CUCM and Unity users to be LDAP users in case they have been incorrectly set to Local users.
- **EKB-14486: Updates for MultiVendor Move Subscriber.** There were various issues which needed to be fixed -
 - When off-boarding the INI at the old site, the line was left with extra4 and description still set
 - When a Phone is associated to a Subscriber and a new phone was to be added at the new site, the line was left in a Used Device state
 - The second SNR (Not the Hybrid SNR) was not moved
 - Could not move a MS-Only user (without a CUCM user present)
 - When the Relation/User username is renamed, the Existing Services GUI rule breaks
 - Microsoft Exchange move was not supported
 - Some GUI updates to GUI rules and FDP, some line config changes and phone config changes needed which were done on Cisco Move
 - Can run the view from site level.
- **EKB-14449: Toggling Directory Search on AA, does not change the value.** Fixes an issue where the DirectorySearchMethod could not be set back to None.
- **EKB-14439: Updating AA’s fail when specifying a greeting audio file that has spaces in the name.** Fixes an issue where a filename with spaces and & in the name fails to upload to MS Cloud.
- **EKB-14360: Adding port via “Add port to Analog Gateway” Fails after the second port for VG400.** Fixes an issue where adding more than 2 Ports to a VG400 Gateway, using “Add port to Analog Gateway” tool failed. Maximum number of supported FXS Ports is now 8.
- **EKB-14265: Bulk loading translation pattern at site level requires NDL to be specified post 21.2 upgrade.** Fixes an issue where bulk loading a translation pattern at the site-level required the NDL to be specified.
- **EKB-14264: Changing the inventory filter does not change the choices available in drop-down.** Fixes an issue with inventory filter options not being applied.
- **EKB-14229: Unable to add a new user With Quick Add Subscriber.** This fixes a highly intermittent issue when VOSS device instance of ImportUser goes out-of-sync with the Unity instance.
- **EKB-14222: Microsoft Cleanup PWFs do not update INI or the entitlement profile and is incorrectly clearing data/User fields via UserCucmSyncRemove.** Fixes an issues in the Microsoft

Cleanup PWFs did not update INI or the entitlement profile and incorrectly cleared data/User fields via UserCucmSyncRemove.

- **EKB-14164: Regex applied to field via GUI Rule does not take affect in new GUI.** Fixes an issue where Regex GUI rules were not applied to a field.
- **EKB-14032: Unable to delete customer.** This fixes input context hierarchy for the target customer that will be deleted.
- **EKB-13967: CUC User is updated to LDAP Integrated when Delete or Purge Mode is Manual on LDAP User Sync.** Fixes an issue where Unity Connection Users were set to “Integrate with LDAP Directory” when Delete Mode or Purge Mode is set to Manual on the LDAP User Sync and the User is removed from LDAP or a Purge Sync is run.
- **EKB-13953: Renaming an imported Call Handler fails when no Direct Routing Rule instance exists.** Fixes an issue where renaming a Unity Connection Call Handler fails if no Direct Routing Rule has been added.
- **EKB-13356: on line management page Directory URI array header has no value.** Update Directory URI summary for relation/LineRelation.
- **EKB-13156: QAS group does not pick the PBT configured in the configuration template.** Fixes an issue where incorrect phone button template as specified in Quick Add Group Phone Template was used when multiple available on phone type.
- **EKB-12995: Phone-Line label not set correctly when SmartAddPhone is used with Reference CUCM Phone Template.** Set label, display and display ASCII default value to line number and not blank.
- **EKB-12638: AAH still exposed under User Management for customer admin users.** Move ‘Authorize Admin Hierarchy’ menu item from User Management to Role Management.
- **EKB-12529: Changing OpenLDAP login attribute name does not work.** This fixes incorrect macro in CFT updating data/Ldap.
- **EKB-12450: Quick Add Group (QAG) unlicense should not be available in QAG list or drop-down.** Fixes an issue where sys level Quick Add Groups were shown in the Quick Add Group drop-down on Quick Add Subscriber page. Note the “default” Quick Add Group added at sys level will now no longer display in the drop-down; this should be cloned down to a lower level to be visible.