Akkadian Console Server Release Notes

4.0.0.188 — Last update: Aug 03, 2022

Akkadian Labs

Table of Contents

1. Version – 4.9.5

New Features & Enhancements

- SSO Integration with Okta.
- SSO Integration with ADFS.

Bug Fixes

- Several Fixes & Performance Improvements.

2. Version – 4.9.4

- **Fix**: Operator that has been removed cannot login again if the operator is created again.
- **Fix**: Deployment get stuck in some cases.
- **Fix**: the overwriting of admin password.
- Improved logs.
- **Security Enhancement:** Remove the default key inside OVA.

3. Version – 4.9.3

Vulnerabilities:

- Multiple Nginx Vulnerabilities fixes.

Improvements & Fixes:

- Sync is triggered on group section after changed and saved log level
- Log improvements environment_summary.log
- The main logo is not shown on Web Console after deploying a new OVA without a license.
- **Web Call History** : Fixed No recent calls appearing in Web Call History

HA Improvements and Fixes:

- [AAM-3187] [aco-HA-VIP] after configured HA, The VIP is not operative.
- [AAM-3189] Fixed the Error when configuring HA using 2 nodes with the same name.
- [AAM-3192] Fixed the error when restarting a replica-failover service.
- [AAM-3186] Fixed the Error when a new version of cli is installed.
- [AAM-3191] Fixed the Error when a backup schedule must be executed
- [AAM-3188]Fixed the Error when HA is turn on – add data – and turn off Maintenance Mode.
- [AAM-3182] Validation of FQDNs in each server that belongs to the same domain.
- [AAM-3190] Fixed the Error when 1 node is turn off.
- [AAM-3204] Fixed issue with 3 nodes: – with existing data > setup HA environment > from node-x – make a groups sync and without time turn off the master node .
- [AAM-3207] Fixed issue with 3 nodes: – with existing data > HA configured and enable – turn Maintenance Mode on – turn maintenance mode off.
- [AAM-3208] HA: when the user is prompted to keep adding nodes, in aCO we need to force to ask after the third node.
- [AAM-3209] In the menu of HA in the CLI the option '8: Maintenance Mode' should show '2: Turn on Maintenance Mode'
- [AAM-3212] Fixed the Error when installing a new aCO server version via the portal.

4. Version – 4.9.2

New Feature

- Web-Console Branding.
- Compatible with CUCM 14.

Improvements

- Carry forward Display Name for external call to alerting event.
- Improvement of resetting admin password.
- Ghost call cleanup improvement.
- Added new validation on hunt pilot, the system will wait 30 minute to continue logging after 3 error on hunt pilot connection.
- increased the stability of the system in ha environments
- increased the amount of devices supported per CUCM.
- Presence algorithm improvements.
- HA – Event pruning improvements
- HA – Duplicate event pruning improvements.
- Added a new configuration to setup the # of days to keep events in DB.
- Added a flag to avoid persisting events (for troubleshooting proposes)
- Added mechanism to prune logs periodically.
- Log download improvements.
- Upgrade to .NET 5 framework.
- Faster Sync.
- Multiple security improvements.
- Performance improvements.

Bug Fix

- Web-Console – Error message when trying login with an email written in camelCase
- Web-Console – Fix problem setting up environment and memory no yet available.
- Bug fixed that increased the size on the HardDisk of the ova
- Fixes for Shared-Line when calls disappear after refresh.
- Call Handling UI Fixes

5. Version – 4.9.1

Features/Enhancements:

- SSO Integration – Server and Web Console
- Enhanced sign-in process. (locks users out when auth request to CM times out)
- Improved error messages when the user inputs a wrong password during the login process.
- Login/Logout Report enhancements for SSO users.
- Enhanced license enforcement for SSO users.
- Web console continue redirecting to the ADFS after deactivated SSO service
- CLI option to help user recover aCS admin account
- Web Console now display with full caller information.
- Log improvements.
- GPG package support for different openssl version.
- Compatibility with CUCM 14.

Bug Fixes:

- Fix – Sync error after applying update.
- Fix – Error when applying update with a gpg file.
- Fix – The call is highlighted in red after parked a call.
- Fix – The call is highlighted in red after being put on hold.
- Fix – Thick client Connection is issue.
- Fix – Operator is kicked out after refreshing the browser.
- Fix – Error is not shown when the license is not available and the operator tries to log in using the traditional method.
- Fix – Console Operator locks out when auth request to CM times out.
- Fix – aCS Licensing Page Missing Information.
- Fix – Console Server showing "Limit Reached" error on license page.
- Fix – Calls to invalid internal extensions get stuck in Calls panel.
- Fix – Unable to edit a Backup Schedule configuration.
- Fix – Calls getting stuck in calls panel.
- Fix – Call "IN REMOTE USE" when no call is active on shared line.
- Fix – Active calls disappears from call panel after refresh the browser.
- Fix – Not displaying full Caller ID info for calls.

Security Enhancements/Fixes:

- User is prompted to change CLI password after OVA install.
- Enhanced token encryption to be generated per credential instance which resolves **CVE-2021-35467**
- Fixed issue allowing possible API token bypass which resolves **CVE-2021-35468**
- Other security enhancements.

Version – 4.9.0

Features/Enhancements:

- SSO Integration – Server and Web Console
- Enhanced sign-in process. (locks users out when auth request to CM times out)
- Improved error messages when the user inputs a wrong password during the login process.
- Login/Logout Report enhancements for SSO users.
- Enhanced license enforcement for SSO users.
- Web console continue redirecting to the ADFS after deactivated SSO service

Bug Fixes:

- Fix – Sync error after applying update.
- Fix – Error when applying update with a gpg file.
- Fix – The call is highlighted in red after parked a call.
- Fix – The call is highlighted in red after being put on hold.
- Fix – Thick client Connection is issue.
- Fix – Operator is kicked out after refreshing the browser.
- Fix – Error is not shown when the license is not available and the operator tries to log in using the traditional method.

Security Enhancements/Fixes:

- User is prompted to change CLI password after OVA install.
- Enhanced token encryption to be generated per credential instance which resolves **CVE-2021-35467**
- Fixed issue allowing possible API token bypass which resolves **CVE-2021-35468**
- Other security enhancements.

6. Version – 4.8.0

CLI

- Enhanced Console OVA Security.
- Fixed the Console HA issue when secondary server is disconnected.

Console Server

- UI Restructuring and enhancements.
- Fixed: Error on 'Download Installer' button.
- Fixed: Server upgrade from version 4.1 or 4.2 to 4.7.0 or 4.8.0.

7. Version – 4.7.0

Console Server

New feature

- Emergency Service support.

Fix and Enhancements
- Fixed the hospital label empty value on HL7 general view.
- License improvements.
- API Security enhancement.
- RegEx support in Dial/Directory rules:
- Allows more than one length into a Directory/Dial rule.

Web Console

New feature

- Support for Emergency (911) Call.
- Support for Emergency Alerts (911) – Notification.
- Support for Emergency Calls History.

Fix and Enhancements
- Fix: Wrong label is shown to filter by device pool on main directory tab.
- Fix: Wrong visualization by default of search field.
- Fix: The issue about Room & Bed columns are not shown on HL7 Patient Directory.
- Fix: The directory rule applying to monitored line on Web Console.
- Fix: The Dial Rules are not applied.

8. Version – 4.6.0

Console Server

- Performance Improvements for High Volume calls
- Fix for Operator Login issue.
- Fix for Sync issue at group Level.
- Fix for Speed Dials CSV file upload.

Web Console

- Fix for Operator login issue.
- Fix for HA bug when VIP points to secondary node, the web console is not longer reachable.
- Multiple HA improvements,
- Presence improvements.
- Fix for directory column not showing.

9. version – 4.5.0

Console Server:

- Added load balancer to HA
- Multiple performance improvements.

Web Console:

- Login/logout report fix to show correct online operators.
- Multiple performance improvements.

10. Version – 4.4.2

Console Server:

- UI Enhancement: Add special characters to RegEx validation for editing Speed Dials
- Fixed issue about Error message is shown when execute the client installer using the URL of Download installer.
- Fixed issue of Error message appears on Web Status of Group after creates a new group with particular scenario.
- Fixed issue of Health Status page.
- Implemented the script to upload client application in all groups in each tenant.

Web Console:

- UI Enhancement: Automatically population of grid-view after delete manually a searching.
- UI Enhancement: Add spinner during the process of importing the entries from CSV into private speed dial.
- UI Enhancement: show Hospital Name in Patient Directory
- Fixed the issue When user enable multiple directory and refresh on web console sorting order is always different.
- Fixed the issue about Outlook status is not reflected on directory in multi directory.

11. Version – 4.4.0

Console Server 4.4.0

New Features/Enhancements

- HL7 Feed Integration to support patient directory in real time.
- Multi Directory Support Management.
- Licensing Enhancement to support Multi-directory and HL7 feeds.

Bug Fixes

- AC-2896: Not able to save a new group when Console Server has a regular license.
- AC-2893: [aCO Server| Release] Does not appear the SD to select when the user clicks on the field of Choose Speed Dial
- AC-2893: [aCO Server| Release] Does not appear the SD to select when the user clicks on the field of Choose Speed Dial
- AC-2892: Web status changes after add/modify/delete an SD public into the existing group
- AC-2881: Appears unsaved page pop-up message after created and saved a new group
- AC-2883: Wrong message is displayed when try to import an incomplete csv file
- AC-2851: fix type of filter for department

Console Web 1.3.0

- Patient directory in real time.
- Multi Directory Support.
- Department filter for Multi Directory Search.
- Multi Directory Search.

Bug Fixes

- AC-2880: Fix LDAPS empty entries on console web.
- AC-2876: Fix entries merge when there are 2 CSV file on Directory Source.
- Fix Speed Dial. Error when editing speed dial after import and speed dials not saving after logging out.

12. Version – 4.3.0

Console Server 4.3.0

- Microsoft Exchange/Outlook Integration.
  —Outlook status in directory

- Sync Enhancement at group level.
  —Group with Dial/Directory Rules.
  —Queue Setting.
  —Item Processed status. —Sync Initialization process for each tenant.

- Enhanced Department filter each group level.
- License Enhancement and Validation.
  — Active
  — Revoke using license portal.

- Proxy implementation enhancement for license activation.
- Error log Enhancements
- Health System Enhancements
- Directory Source SQL Server improvement.
- Directory Source My SQL improvement.

Console Web 1.2.8

- Outlook Status in directory.
- Improved Error handling.
- Fix for transfer to VM Issue.
- Wrong DN Identified when creating a new Operator.

13. Release – 4.2.2

Console Server 4.2.2.19a3c22

- NOREF – Fixed the issue about Directory source MS SQL Server with custom query on search filter.
- AC-2746 – Fix for OU field is populated with Organization field data when generating a CSR
- AC-2717 – Support for Secure LDAP Directory Sourc.
- AC-2716 – Improvements in group configuration.
- AC-2663 – Improvements in Device Pool Filter or Department Filter.
- AC-2690 – LDAP improvements.
- AC-2218 – Fix for Parked events are not reported on Web Console.
- AC-2735,2721 – Fix for server out of memory.

Console Web 1.2.7.dd00a20

- NOREF – Fixed the issue about device selector on Web Console.
- AC-2738 – Presence Fix for devices not associated with end users.
- AC-2729 – Missing users with an LDAP Directory Source.

> ❗ For old release notes please see below.

14. Release – 4.2.0

- AC-2264: NAT Implementation.
- AC-2310: If user delete all operators then group page can not be accessed.
- AC-2401: [Reports] Wrong value is shown on Operators Online.
- AC-2424: wrong behavior when clicks on 'plus' button twice to add entries.
- AC-2486: Feature Enhancement – for LDAP directory source.
- AC-2538: Able to save an incomplete Queue Service Settings.
- AC-2510: Not update next run value after reschedule an existing job.
- AC-2551: Feature Enhancement – Redesign Configs by CUCM configs.
- Feature Enhancement – Refactor of Group/CUCM configs: Thick connection.
- AC-2573: Feature Enhancement – Health Dashboard.
- AC-2609: [SD] Wrong behavior when add entries manually on Public SD.
- AC-2611: Enhancement – Inconsistency of license used after some period inactivity.
- AC-2629: Enhancement – Not update next run value after reschedule an existing backup job.
- AC-2072: Feature Enhancement – Not able to reset the password to Super admin After change email/ password.
- AC-2680 Field mapping for UDS directory source.

15. Release – 4.1.2.ecb65ab

- [AC-2515] **Feature**: Directory filter selected from the directory source.
- [AC-2531] **Bug fix**: Show correct message on Backup History when has an FTP not available.
- [AC-2532] **Bug Fix**: Backup cleanup job not working after generates a manually backup.

16. Release – 4.1.1.491

> ❗ If you already running console server and wants to enable HA you have to build a new server and import new OVA to enable HA. Please see more detail on migrating your current console server to HA.

- HA enabled.

17. Release – 4.1.1.472

- AC-2501 Web Console Call History Tab not updating anymore for some users.
- AC-2440 Single Quotes now supported in Directory and Speed Dial.
- AC-2504 Disable HLOG Button if it is disabled in Admin configuration.
- AC-2507 The directory filter at group level.

18. Release – 4.1.1.417

Fixes and improvements

- Admin user can schedule Sync job using interface.
- Admin can edit speed dial entries.
- Advance Validation – LDAP Directory Source
- Add Extension mobility to select Monitored Device during operator Login on Web console.
- Fixed the issue not able to update the app username/password on an existing config
- Fixed Concurrent user license is upper than allowed by admin user.
- Fixed error Update Available pop up when logging onto thick client operator

19. Release – 4.1.0.302

- LDAP Config validation before its saved.
- User Login improvement.
- Improved installation through CLI
- Improved proxy error handling, added custom error page.
- Fixed for pre-packaged installer for console client when hostname is used.
- Fixed certificate CSR generation process.
- Added validation for CSR form.
- Improved validation for MySQL configuration.
- Improved validation for MSSQL configuration.
- Improved validation for LDAP configuration.
- Improved AXL connectivity socket.
- Enhanced SYNC process.
- Enhanced logs.
- New SYNC job scheduler using CLI.
- Fixed for Reports data mismatch.
- Improved server updates, user can apply server updates using portal.
- Multiple performance improvements fixes.
- Improved error messaging.

20. Release – 4.0.0.188

Release 4.0.0.188 is a maintenance release for Akkadian Console Server 4.0.0. Please see the release notes for version 4.0.0 for the initial Console Server 4.0.0 release information.

> ✳ Please review the upgrade notes in 4.0.0 before upgrading the Console Server

20.1. Improvements

- AC-NOREF: Enhancement Improve reports.
- AC-2237: Changes to support Speed Dial directory rules in Console Web.
- AC-2056 Enhancement Allows duplicated configuration
- AC-2146 Task Reports Review the expected behavior for search by one day on reports

20.2. Fixes

- AC-2056: Bug Fixed Console Server allow duplicated CUCM configuration.
- AC-2055 Bug Not shows an error msg when try to save a duplicated configuration
- AC-2148 Bug Reports Warning msg keeps after switch of filter from daily to hourly on reports.
- AC-2147 Bug Reports Call operator history not retrieves data for the date 12/04
- AC-2145 Bug Reports Call trends report not shows the data searched after restore DB when use operator filter.
- AC-2160 Bug Reports Inconsistent amount of calls after job auto executed
- AC-2159 Bug Reports Incorrect view when select the last 3 months
- AC-2156 Bug Reports Negative values is shown on AVG hold time.
- AC-2155 Bug Reports Shows zeros values instead of "No data available for this report" message.
- AC-2154 Bug Reports Parked call report not shows the data searched when filter by operator
- AC-2152 Bug Reports Inconsistent amount of calls between the reports
- AC-2151 Bug Reports Mismatched hour after auto executed the job
- AC-2203 Bug Reports Some hold calls appears after the job auto executed.
- AC-2188 Bug Reports Not shows data when filter by last 3 months
- AC-2187 Bug Report Appear calls which the user never made on Call Summary reports
- AC-2181 Bug Reports Inconsistent between the reports when events comming from Web Console after the job has auto executed
- AC-2211 Bug Reports Not works correctly hourly filter After generates new calls on a particular environment.
- AC-2210 Bug Reports Not works correctly daily filter after generates events using the script
- Fixed Directory Rule in Directory and Speed Dial section.
- Fixed Directory Rules for some pattern for e.164 number.

20.3. Release-4.0.0.246-PATCH

This patch is for version 4.0.0.188, Please make sure to upgrade your server to 4.0.0.188 before applying the patch.
Fix included

- Fixed incorrect CSR format.