Cirrato Mac client changelog

This document describes changes made in releases of the Cirrato One client for macOS.

The information pertaining to a release is typically structured in the following manner:

- Client release/version number.
- Date (in YYYY-MM-DD format) when the release was made available and/or when the changelog was finalized.
- Changes, listed with the following information:
  - Category (new Feature, stability/performance Enhancement, error Correction).
  - Brief description of the change including new/changed settings or MSI properties.
  - Reference number: LRS' internal ticket item (*JIRA* or *TFS*) to which the change is related, included here for traceability. If the change is related to a support case, the relevant support ticket item (*CAS*, *ZD* or *OTRS*) is also included.

In sections covering older releases, these formats may vary for legacy reasons.

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1 Client releases

1.1 Client 1.6.0

Release date: 2021-03-02

Feature: Client 1.6.0 supports macOS Big Sur.
Note: Big Sur driver deployments require Cirrato server release 24.0.3 or later.

Feature: The client now uses Apple's Unified Logging (AUL) system for generating logs. The older ASL system is deprecated. *(JIRA #2213)*

Feature: Client updated as a Universal Binary which supports both Apple M1 and Intel Mac processors. *(JIRA #2214)*

Feature: The client installer now supports using InTune. Bundle identifier and version added to the installer .pkg file. *(JIRA #2215)*

Feature: Client is adapted to Apple's new macOS minor version format. It can override the reported OS version to avoid continuous numbering updates and to keep existing deployments valid. *(JIRA #2216)*

1.2 Client 1.5.1a

Release date: 2020-07-09

Feature: New client installer certificate. 1.5.1 version re-signed, no other changes. *(JIRA #2061)*
Note: Certificate expiry will only affect old installers, not clients that are already installed.

1.3 Client 1.5.1

Release date: 2020-05-04

Correction: Resolved display issue that made a white square appear onscreen with the *Printer Installation* dialog, and not disappear when the dialog was closed. *(JIRA #1954)*

1.4 Client 1.5.0

Release date: 2020-03-24

Feature: The Mac client now supports running in macOS Dark Mode. *(JIRA #1933)*

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1.5 Client 1.4.1

Release date: 2019-11-26

Feature: The Cirrato Mac client is now notarized by Apple. *(JIRA #1873)*

Correction: Resolved an issue where the *Preferences* pane would require a restart to update other system components with new settings. *(JIRA #1872)*
The issue was Catalina-specific and did not affect clients running on older macOS versions.

1.6 Client 1.4.0

Release date: 2019-06-19

Feature: Supports macOS Catalina (10.15).
Note: Catalina driver deployments require Cirrato server release 22.4.2 or later.

Feature: Supports installations using multiple Cirrato servers. *(JIRA #1025)*

Enhancement: *Cirratosh* supports spaces in filenames of uploaded drivers and PKG driver packages. *(JIRA #1716, CAS-38578-T4D5Y2)*

1.7 Client 1.3.5

Release date: 2018-10-30

Correction: Addressed an issue with the client's region-limited search feature. *(JIRA #1602)*
Note: The option to use the *setsearchregion* command with a comma-separated list of regions has been removed, only one region (and its sub-regions) can now be searched.

1.8 Client 1.3.4

Release date: 2018-09-20

Feature: Supports macOS Mojave (10.14).

Feature: New *cirratosh* command, *setsearchregions*, limits the regions appearing in searches to one specified region (entered as value) and its sub-regions. *(JIRA #1535)*

Feature: *Cirratosh* is now run as a single command per default. It can be run in previous interactive mode with the flag *–i*.
Note: To run as before, custom scripts must be changed to use new command or add *-i* flag.

Enhancement: Improved handling of CUPS backend commands sent from Efi Fiery drivers.

Correction: macOS Mojave could delete the client's spool directory at upgrade. If deleted, the directory is now recreated when the daemon starts (typically at reboot).
A script for this, *spool_permissions*, is also available separately in the release folder.

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1.9 Client 1.3.2

Release date: 2018-09-10

Enhancement: Improved connectivity handling. Internal connections are kept when network changes occur, if a token exists a refresh session attempt is made. *(JIRA #1465, ZD #3663)*

Correction: Printing with an invalid session would cause multiple message boxes to appear, instead of just one. *(JIRA #1392)* **Note:** Server-side correction in server release 22.2.2.

Correction: Improved handling of CUPS backend commands sent from Efi Fiery drivers.
Note: Included with this client version as a separate patch file named *cirratocbe*.

1.10 Client 1.3.1

Release date: 2017-12-11

Feature: Client 1.3.1 has been successfully tested with macOS High Sierra.

Correction: Resolved display issue. When using two monitors, the client authentication dialog could appear between the monitors and not be possible to move. *(JIRA #1244)*

1.11 Client 1.3.0

Release date: 2017-10-18

Feature: Added user window that appears when installing a printer, indicating that installation is in progress. *(JIRA #1060)*

Correction: Resolved issue with the Uninstaller application. *(JIRA #1108)*
Note: To properly uninstall the previous client version 1.2.4, first upgrade it to version 1.3.0.

1.12 Client 1.2.4

Release date: 2017-09-12

Enhancement: Client made able to handle driver packages with untrusted certificates.
(JIRA #1100, ZD #3001)

Correction: Improved driver PPD filename handling. Previously, very long filenames could become truncated when the client copied the files. *(JIRA #1100, ZD #3001)*

1.13 Client 1.2.3

Release date: 2017-08-11

Enhancement: Modified LDAP lookup algorithms for improved search operations, domain identification and username matching. *(JIRA #1007)*

1.14 Client 1.2.2

Release date: 2017-06-30

Enhancement: Removed *browse* command in *Cirratosh* shell script; deprecated.

1.15 Client 1.2.1

Release date: 2017-05-02

Correction: Client post-install script modified for improved interoperability with mass deployment scripts. *(JIRA #303, ZD #1475)*

Correction: Resolved upgrade issue that could make the installer relocate client packages. *(JIRA #364)*

Correction: Client sent repeated queries to AD if the *cirratod* daemon was unavailable. *(JIRA #367)*

1.16 Client 1.2.0

Release date: 2017-03-23

Feature: Supports macOS Sierra (10.12).

Correction: Improved printer search window functionality. Previously, the search results could not be scrolled if there were more printers than could be displayed in the window. *(JIRA #297)*

Correction: Resolved client session *refresh* functionality. Previously, client sessions would not be refreshed if the client changed IP or woke up from sleep mode. *(JIRA #235, TFS #13325, ZD #1423)*

1.17 Client 1.1.1

Release date: 2015-08-18

Corrected issue with the authentication dialog not appearing when username/password authentication was requested. *(TFS #11624)*

Feature: Supports Mac OS X El Capitan (10.11). *(TFS #12396)*

2016-10-17: Mac client version 1.1.1 has been successfully tested with macOS 10.12 Sierra. The Cirrato 21.0.0 database supports deploying drivers for that OS. In older server releases, it requires a SQL script (provided on request) that must be run towards the database.

1.18 Client 1.1.0

Release date: 2015-03-30

Feature: Automatic multi-language support implemented: 19 languages supported, no configuration is needed. *(TFS #9226)*

Feature: Added method to pre-configure IP server settings before installing clients. They could previously only be updated afterwards via remote management. *(TFS #10104; 405900)*

1.19 Client 1.0.6

Release date: 2015-01-15
Also included with the re-packaged server release 13R1EP2HF2.

Resolved issue with client adding extra character to document names. (Affected log views in the web GUI and PayEx debits.) *(TFS #10307)*

1.20 Client 1.0.5

Release date: 2014-12-16

Supports Mac OS X Yosemite (10.10). *(TFS #10066)*
Note: If the Cirrato server is older than 15R1 20.0.0, Yosemite compatibility requires that the script *Add_Deployment_OSX_10_10.sql* has been run on the installed Cirrato database.

Support added for the Cirrato Navigator web-based queue installation tool. *(TFS #9499)*

New `uploadqueue` option for driver upload: `-v <version>` replaces the driver-set version number with a custom string. *(TFS #9751)*

Improved driver message handling prevents erroneous job deletions. *(TFS #8405, OTRS #405399)*
Issue with handover functionality resolved. *(TFS #6632, OTRS #404565)*

1.21 Client 1.04

Release date: 2014-01 (fully supported in server release 13R1EP1.2, 2014-05-05)

Feature: Supports OS X Mavericks (10.9). *(TFS #6601)*
Note: If used with a Cirrato database older than 13.1.6, Mavericks compatibility requires that the script *13r1ep1_1_osx_10_9.sql* has been run on the installed database.

1.22 Client 1.03

Release date: 2013-09-16

Modifications for enhanced performance and stability.

Improved handling of client IP changes.

1.23 Client 1.02

Release date: 2013-07-15
Note: Mac client 1.02 requires server release 13R1 (13.1.0) or later.

Supports use of handover points.

Supports basic (username/password) authentication.

cirratosh supports uploading more than one model per PKG package.

Logon to *cirratosh* simplified, `-authenticate` command removed.

Improved handling of multiple users logged in on the same client computer.

Resolved issue with filename extension of drivers uploaded to the server.

Driver .zip archives uploaded by the previous version of the Mac OS X client would be incorrectly given the extension .cab by the Cirrato printing service; this does not affect their function. If you wish to change their extension back to avoid risk of confusion, they should be renamed both in the server file system and in the database table *tbl_driverfile*.

1.24 Client 1.01 (11.2.106)

Release date: 2013-02
Note: Mac client 1.01 requires server release 2011R2SP1M (2011.2.104).

End-users no longer need local administrator rights to install printers on their computers.

Client billing functionality added.

Added command in *cirratosh* – `listdrvs` inspects a PKG file path and lists bundled printer drivers.

1.25 Client 1.0

Release date: 2012-11

Feature: The Mac OS X client is an entirely new product replacing the older, CUPS-based Cirrato Mac client; it is **not** an upgrade of the old client.

- The client supports Mac OS X Lion (10.7) and Mac OS X Mountain Lion (10.8).
- It requires a Cirrato server, release 2011R2SP1M (2011.2.104).

End-users must have local administrator rights on their computers.

Before version 1.0 an older, CUPS-based Cirrato client for Mac was produced. Changes in that Mac client are considered outside the scope of this document.