MyQ Central Server 10.2

- Minimum required support date: **1st of April 2023**
- Minimum required version for upgrade: **8.2**

What's New in 10.2

Click to see a full list of new features available in version 10.2

- In addition to permanent PINs, you can now create temporary PINs with limited validity.
- Ukrainian was added as a new supported language to the MyQ Central Server.
- the widget "Updates" was added on the admin's Dashboard. When a new version of MyQ Central Server is released, administrators will see a notification in the MyQ Web Interface.
- System health check will now report Sites that have not been replicated for some time. This will help to prevent issues with long replication queues that could result in missing or inaccurate data in reports.
- Administrators can now see a list of errors which occurred during replications on the Replications settings page with help on how to resolve some of them.
- Option to group Sites on Central was added. It allows administrators to configure Job roaming only among Sites within a selected group. This helps to decrease traffic needed for Job roaming to work.
- New user's attribute "Alternate email" allows the administrator to add multiple email addresses to a user.
- Microsoft single sign-on (Sign in with Microsoft) can now be also used to log in to the Central Server, previously available only on the Print Server.

10.2 RC 3

13 December, 2023

Security

- Hashing of passwords enhanced.

Improvements

- NEW FEATURE In addition to permanent PINs, you can now create temporary PINs with limited validity.
- NEW FEATURE Ukrainian was added as a new supported language to the MyQ Central Server.
- Changed "Azure AD" to "Microsoft Entra ID" to correspond with MS naming.
- Optimizations of Entra ID synchronization via Microsoft Graph API connector that should prevent slowdowns and skipping users.
- Administrators can create multiple Entra ID instances to synchronize and authenticate users towards more than one tenant.
- Added new settings to Entra ID synchronization source that allow setting attributes to synchronize the users' Full name, and Language. New attributes are also available for Aliases, PINs, Cards, and Personal numbers. It is now also possible to manually type in a required Entra ID user attribute to be used for these values.
- Added additional options for User synchronization from Microsoft Entra ID (Ignore sync source, deactivate missing users, add new users).
- Added report "Servers - User Rights" that groups data per server name.
- New permission Delete Cards added, allowing to give users or user groups option to be able to delete ID cards without them having access to other user management features.
- List of characters allowed to be used in project code expanded. Upgrade to this patch is required for the replication of projects from Sites to work correctly if any of the new characters is used.
- OpenSSL updated to version 3.1.3
- PHP updated to 8.2.12

- CURL upgraded to 8.4.0
- Apache updated to version 2.4.58.

Changes

- In newly created user synchronization sources using the Entra ID connector (Microsoft Graph), the User Principal Name is now used as the username. After upgrade, existing username settings are preserved. To transition from old attributes to User Principal Name, users should be synchronized, the synchronization source removed, and created again. Users are also always paired by Entra ID's unique Object ID.

Bug Fixes

- Checking uniqueness of user group names is not working properly.
- Custom Help widget not displayed for users and cannot be added.
- Database creation can fail in some cases on SQL Server 2022 ("Conversion failed when converting the nvarchar value 'oft'").
- Database upgrade can fail in some cases ("Error while try to execute Php script version: 10.2.7").
- Easy Config is missing Chinese Traditional and Chinese Simplified languages.
- Hiding the Price List column on the Printers page renders the Printers page inaccessible.
- Is it possible to add the same column multiple times on the Sites page.
- Not possible to add groups to Sites user synchronization.
- Replication can fail in some cases with error "Class "UserDto" does not exist".
- Replication of data can end with warning "Dependency not found" in some cases, causing differences in reports on Site Server and Central Server.
- The printer's toner level can be incorrect when the printer was on Site with a lower version than the Central Server.
- Toner level information on the Printers page is missing after upgrade from previous versions.
- User synchronization results page is not refreshed automatically when synchronization finishes.
- User with rights to edit Scheduled report cannot select an attachment file format other than PDF.
- Creating a PDF report may fail if a job containing some special characters is present.
- Error "-901 Implementation limit exceeded Too many values" can occur during replications to the Central Server, potentially due to a rare device-related error causing wrong user session data reported to the Site.

10.2 RC 2

6 October, 2023

Improvements

- Firebird update to version 3.0.11.
- PHP updated to version 8.2.11.
- OpenSSL updated to version 3.1.3.
- Built-in Groups (All users, Managers, Unclassified) are internally moved to new hidden group "Built-in" to avoid conflicts with groups with the same name created by user synchronization.
- HTTPS is used for external links from the Web Interface.
- Added option to synchronize "onPremisesSamAccountName" and "onPremisesDomainName" from Azure AD via MS Graph and pairing by Object ID to allow update existing users whose usernames changed.
- Added option to define regular expression for user synchronization (LDAP and Azure AD) for Aliases, Cards, PINs and Personal numbers.
- Added option to exclude specific user(s) from Reports.

Bug Fixes

- In Job privacy mode, user running a report is excluded when Exclude filter is not used.
- In Job privacy mode, Administrators and users with Manage reports rights can see only their own data in all reports, resulting in the inability to generate organization-wide reports for group accounting, projects, printers, and maintenance data.
- Users could lose some Cost Center assignments after user synchronization from Azure AD and LDAP.
- Change of user's Accounting Group is not propagated to Site server.
- In some cases, Central upgrade fails with the error "No user specified".
- Upgrade could fail in some cases (with error violation of PRIMARY or UNIQUE KEY constraint "PK_ACE" on table "ACE").
- Login to Central Server's Web Interface fails if the username contains an apostrophe.
- Some groups reports are not possible to save when only Accounting group filter is set with error "User may not be empty".
- Two groups with identical names are indistinguishable in reports.
- Synchronized users who are members of groups with identical names to MyQ built-in groups in the source, are wrongly assigned to these built-in groups due to conflicting names.
- User editing own profile on Site server changes user synchronization source on Central server resulting in warnings during user synchronization.
- User synchronization takes more time compared to previous MyQ versions.

10.2 RC 1

28 July, 2023

Improvements

- Added unique session identifiers to replication data to prevent differences in accounting data between Sites and Central.
- PHP upgraded to version 8.2.8.
- Improved look of new HTML emails. Footer text in emails can now be translated.
- Added options for behavior of PINs and Cards synchronization from LDAP same way as in CSV synchronization.
- Administrators do not need to re-type an authorization code when connecting cloud services into MyQ. Authorization is now done automatically.

Bug Fixes

- Refresh token for Exchange Online expires due to inactivity in spite of the system is being actively used.
- It is possible to save empty email destination for Log Notifier rules.
- Missing Scan and Fax columns in report Projects – User Session details.

10.2 BETA 2

29 June, 2023

Improvements

- **NEW FEATURE** Widget "Updates" was added on the admin's Dashboard. When a new version of MyQ Central Server is released, administrators will see a notification in the MyQ Web Interface.
- Added support for Romanian language.
- User rights changes are logged to Audit log.
- Certificates in PHP updated.
- PHP updated to v8.2.6.

Changes

- Removed support for GPC file format in Bulk credit recharge.
- Default time periods for clean-up of jobs, log, and user sessions, performed by System Maintenance, were adjusted.
- The default runtime of scheduled tasks was changed to prevent them from running at the same time.

Bug Fixes

- Received email opened in Outlook is missing line breaks.
- Some rows could be skipped during replication on a Site that had active user sessions.
  LIMITATION : Site 10.2 BETA is now not compatible with Central Server 10.2 BETA 2 due to differences in communication during replications. Upgrade of the Site to 10.2 BETA 2 is required.
- Firebird temporary folder size could grow during large replication.

10.2 BETA

1 June, 2023

Security

- Domain credentials were stored in plain text in PHP session files, now fixed.
- Added missing security attribute for encrypted session cookie (CWE-614).

Improvements

- **NEW FEATURE** System health check will now report Sites that have not been replicated for some time. This will help to prevent issues with long replication queues that could result in missing or inaccurate data in reports.
- **NEW FEATURE** Administrators can now see a list of errors which occurred during replications on the Replications settings page with help on how to resolve some of them.
- **NEW FEATURE** Option to group Sites on Central was added. It allows administrators to configure Job roaming only among Sites within a selected group. This helps to decrease traffic needed for Job roaming to work.
- **NEW FEATURE** New user's attribute "Alternate email" allows the administrator to add multiple email addresses to a user.
- **NEW FEATURE** Microsoft single sign-on (Sign in with Microsoft) can now be also used to log in to the Central Server, previously available only on the Print Server.
- OpenSSL updated to version 3.1.0.
- PHP updated to version 8.2.5.
- Apache updated to version 2.4.57.
- Health check will warn the administrator if their database is using a page size of 8 KB instead of 16 KB which may affect the performance. Page size can be increased by backing up and restoring the database.
- The possibility to export users only from selected group(s) into CSV was added.

- More errors occurring during replications from Print Server will be now resolved automatically. This should prevent delays in replications and help with accuracy of Central reports.
- Purchased Assurance Plan is displayed on the Dashboard of the MyQ Web Interface.
- Possible to synchronize user's multiple email addresses. Attributes for email address need to be separated by semicolon and all the next email addresses are imported as alternate email address.
- If you modify settings in the MyQ Web Interface and forget to save them, MyQ will now remind you about that.
- Minimum TLS version configured for MyQ communication is visible on the Network page in Settings.
- The default minimum TLS version has been increased to version 1.2.
- You can now see the version of MyQ installed on your Site on the Sites page.
- Users no longer need to connect their personal cloud storage on each Site individually. Once the user connects their storage on the first Site, their access is distributed to the rest of the Sites, allowing them to scan to the cloud immediately. Note that after upgrading to 10.2, users will have to re-connect their storage once in order to be connected everywhere.
- Accessing Web UI over HTTP is redirected to HTTPS (except when accessing localhost).

Changes

- Minimal supported version of Windows Server is 2016.
- The following features were deprecated: SQL Server as user synchronization source, custom user synchronization source, schedulable external commands via Task Scheduler.
- Email addresses are now a unique property. More users should not have similar email addresses to prevent incorrect pairing of jobs received via email.
- User's scan storage now does not accept email addresses, only valid storage paths.
- Old License Keys are not supported anymore, they have been replaced by Installation Keys.

Bug fixes

- It is not possible to save addresses for site's clients IP range higher than 127.255.255.255 when using MSSQL database.
- Aliases are incorrectly escaped in exported users CSV file.
- Email that cannot be sent blocks all other emails from being sent.
- User selection boxes sometimes do not show build in groups ("All users", "Managers", "Unclassified" options).
- Some columns of some reports are showing no values.
- User synchronization - LDAP export to CSV after successful import is not working, causing Web Server Error.
- History deletion cannot delete old jobs from table Jobs in some cases because of foreign key.
- System maintenance's Database sweeping cannot be started when Print Server is installed on the same server as Central Server.

Component Versions

Expand the content to see the version list of used components for the above MyQ Central Server releases.

	Apache	Apache SSL	Firebird	PHP	PHP SSL	C++ Runtimes
MyQ Central Server 10.2 RC 3	2.4.58	3.1.3	WI-V3.0.11.33703	8.2.12	3.0.11	VC++ 2015-2022 (**vc17**) - 14.32.31326.0
MyQ Central Server 10.2 RC 2	2.4.57	3.1.0	WI-V3.0.11.33703	8.2.11	3.0.8	VC++ 2015-2022 (**vc17**) - 14.32.31326.0
MyQ Central Server 10.2 RC 1	2.4.57	3.1.0	WI-V3.0.8.33535	8.2.8	3.0.8	VC++ 2015-2022 (**vc17**) - 14.32.31326.0
MyQ Central Server 10.2 BETA 2	2.4.57	3.1.0	WI-V3.0.8.33535	8.2.6	3.0.8	VC++ 2015-2022 (**vc17**) - 14.32.31326.0
MyQ Central Server 10.2 BETA	2.4.57	3.1.0	WI-V3.0.8.33535	8.2.5	3.0.8	VC++ 2015-2022 (**vc17**) - 14.32.31326.0