

February 2018

QuickSelect AUTO-CONFIGURATION

Log-On Software is proud to announce the release of the QuickSelect
AUTO-CONFIGURATION FEATURE.

Background

QuickSelect supports data-sharing and non-data-sharing Db2 environments. Each QuickSelect server is associated with a specific Db2 subsystem. This Db2 subsystem may be a member in a Db2 group in a data-sharing environment or run on its own. All QuickSelect servers that relate to the same Db2 tables must communicate with each other in order to share information about table updates and/or QuickSelect locking. This is achieved via a XCF group.

Prior to this update QuickSelect grouping was hardcoded and pre-defined by QuickSelect parameters and all defined servers had to be active in order to enable QuickSelect caching.

Auto-configuration at a glance

XCF configuration parameters are obsolete

In the new release, the QuickSelect group configuration is dynamically determined. There is no longer a need to pre-configure QuickSelect groups. QuickSelect detects automatically the active members in the Db2 group, if any, and **automatically** establishes a connection between all QuickSelect servers that correlate to the current Db2 configuration.

Maintain caching during configuration changes

As long as data integrity is assured, QuickSelect servers can start-up or go down, become ACTIVE or INACTIVE, and Db2 members can leave or join the Db2 group, **without disturbing** the ACTIVE QuickSelect servers and **its caching services**. Active QuickSelect servers will now continue to serve SQL queries from their accumulated cache.

Improved management of INACT reasons

A QuickSelect server may become INACTIVE due to various reasons. The actual reasons a QuickSelect server is inactive **are displayed now** as a result of the DISPLAY modify command.

Simplified management commands for all QuickSelect servers

New commands are made available: "ALLACT" and "ALLINACT", enable the change of the status of all QuickSelect servers in a group to ACTIVE or INACTIVE respectively, using a single modify command, issued to any of the participating servers. It is equivalent to specifying, "ACT" or "INACT" respectively to every QuickSelect server in the group separately.

How to install the new QuickSelect auto-configuration feature:

- SMP installation (receive & apply) PTF352
- Adjust one QuickSelect startup parameter

Any questions please let the QuickSelect support team know.