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	Subject	Test Processes of FIXAPI Users Passwords
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	Prepared by	Data, Technology and Member Services Department
	Distribution	Members

Dear Members,

Within the scope of the announcement titled "New Password Rules for BISTECH Trading Platform Users" (numbered 2018/77 and dated Dec 5th, 2018), new password rules were announced to members, service providers and data distributors in order to increase security of access to BISTECH Systems.

As a result of the ongoing issues in creating the password automatically by the users, manual interventions to the system to create password are needed to solve the connection problems for our partners. However these kind of manual interventions by the Exchange create significant risk for all parties.

Our investigation unveils that root causes of the issues regarding the password process which leads to manual intervention are as follows:

- Failing to send password change message in login message when "sequence number" information is incompatible and failing to create "resend request" successfully
- Failing to manage password change for "unexpired" password through "FIXAPI" protocol (sending the password change request, changing password, receiving the status of the password change message etc.)
- Failing to verify the time required to the password renewal which is transmitted with "FIXAPI" protocol
- Trying to log in with wrong password leading to lock of users.
- Failing to understand the user has been locked or failing to manage the unlock process properly
- Attempting to set an improper password according the password rules
- Attempting to log in with old password

It is considered that it would be beneficial to test above mentioned scenarios in test environments of Borsa İstanbul in order to ensure compliance to password rules and solve the user connection issues without manual intervention.

In order to run your tests according to the above mentioned scenarios, you may request help from the Exchange to have additional test users or make your existing test users lock/unlock or confirm the outcome of your password renewal message etc. Please send your related requests to "bistechsupport_autoticket@borsaistanbul.com".

It is important that the password and connection tests through the scenarios above and in accordance with the password policies determined by the relevant legislation of our Exchange, should be completed until Sep 30th, 2021 and also the system developments, that are needed to be made through the context of your test findings, should be completed by Oct 31st, 2021.

Since Exchange is not preferring to change the password manually unless there is an urgency, all FIX certified software products are required to complete the related tests and notify the Exchange by Sep 30th, 2021 using the following mail address Teknolojihizmetlerisatisservisi@borsaistanbul.com.

Sincerely,

Korkmaz ERGUN
CEO
Board Member