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#1. Plex Java Variant – Encrypted password in properties file

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Encrypt password string & keep encrypted password in Java Properties file.

Read property value e.g. “Environment.Default.Password“, using -

[GetRunOptionValue](#) Java Source Code API.

This Java source code API takes a key and returns the corresponding run time option value for that key.

Use your own customized source code to decrypt the retrieved property value.

Set decrypted property value to Plex Java runtime using,

[SetRunOptionValue](#) Java Source Code API.

This Java source code API takes a key and a value, and sets that key and value as run time option.

#2 - Plex Java Variant – SSL Server Client authentication

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This option configures the server socket to require client authentication.

If this option is set and the client chooses not to provide authentication information about itself, the negotiations will stop and the connection will be dropped.

If the server does client authentication, the client will need a key pair & a client certificate which is installed in the server's trust store.

The client needs to set *javax.net.ssl.keyStore* & *javax.net.ssl.keyStorePassword* parameters.

These parameters can be passed as command line arguments to JVM, for instance - set parameters as part of Plex generated bat file.

E.g.: `java -Djavax.net.ssl.keyStore=[pathToKeystore] -Djavax.net.ssl.keyStorePassword=[123456]`

Will be rolling out this change in upcoming PTFs with managing this option with *obsvr.properties* file.



Thank You

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