This script is written for two factor Authentication.

* In SYSTEM\_PREFERENCES table value for preference\_code AUTH\_TYPE\_REQ must be false.
* For test data refer to the file .. scripts\GUI\testdata\twoFA\_login.csv.
* Max count to resend OTP must be configured in costants.props value for OTP\_MAX\_ATTEMPTS it must equal to 3
* Users mentioned in csv file must be present in the system.

Test case1: Enable two factor authentication.

Super Admin login id and password required.

Test case 2: To check max count to Resend OTP.

channel admin/any operator user login id and password required.

Test case3: To check OTP functionality active in system

Operator user login id, password and encryption decryption url required.

Test case 4: To change category preferences.

login id of network admin ,password and encryption decryption url required.

Test case 5: To check user login without OTP

Login id and password of network admin required.

Test case 6: To Enable Two factor authentication for a grade.

login id and password of super admin and Domain Name, category Name and Grade code need to be mentioned corresponding to Domain and category.

Test case 7: To assign grade with Two factor authentication to a user.

login id and password of channel admin, encrypt decrypt URL and Grade code, commission profile and transfer profile and user login id all data must be in sync with Domain and category given in test case 6.

Test case 8: To login with user assigned with grade have OTP enable.

login id and password of channel user, encrypt decrypt URL channel user must be same as channel user in test case 7.  
Test case 9: To Disable Two factor authentication for a grade.

test data same as test case 6.

Test case 10: To login with user assigned with grade have OTP.

login id and password of user in test case 8.

Test case 11: To Disable Two factor authentication

login id and password of super admin Required.

Test case 12: To check OTP feature is disabled in system.

login id and password of any user.