BIBD MIB BCR1093 API Document

(Version 5.0)

**Confidentiality**

This document contains proprietary information that is confidential to Silverlake. Disclosure of this document in full or in part, may result in material damage to Silverlake. Written permission must be obtained from Silverlake prior to the disclosure of this document to third party.

Document Information

|  |  |  |
| --- | --- | --- |
| Document Name | : | BIBD MIB BCR1093 Device Binding API Document |
| Document Code | : |  |
| Document Description | : |  |
| Document Author | : | Nur Azza Syazwany Azizol |
| Document Category | : |  |
| Date Created | : | 03/08/2023 |
| Date Released | : |  |
| Document Version | : | 5.0 |

Document Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Version # | Revised By | Revision Date | Descriptions |
| 1.0 | Nur Azza Syazwany | 03/08/2023 | 1. First version of document.
 |
| 2.0 | Nur Azza Syazwany | 07/08/2023 | 1. Add \* note to existing BAU web services
2. Remove object in [deviceBindingRetrieveList](#_deviceBindingRetrieveList) request
3. Add new web service [deviceBindingChangePrimaryUnbind](#_deviceBindingChangePrimaryUnbind)
 |
| 3.0 | Nur Azza Syazwany | 08/08/2023 | 1. Add new web service for [in-app OTP](#_requestInAppOTP)
 |
| 4.0 | Nur Azza Syazwany | 09/08/2023 | 1. Modify request for [deviceBindingChangePrimaryUnbind](#_deviceBindingChangePrimaryUnbind)
 |
| 5.0 | Nur Azza Syazwany | 15/08/2023 | 1. Add new web service for [primary device binding](#_deviceBindingChangePrimaryUnbind_1)
 |

Document Release History

|  |  |  |
| --- | --- | --- |
| Release # | Release Date | References |
| 1.0 | 04/08/2023 | MIB Front End can integrate for BCR1093 Device Binding  |
| 2.0 | 07/08/2023 | MIB Front End modify changes and integrate new web service |
| 3.0 | 08/08/2023 | MIB Front End to integrate with new web service |
| 4.0 | 09/08/2023 | MIB Front End to modify changes |
| 5.0 | 15/08/2023 | MIB Front End to integrate with new web service |

Document Approval History

|  |  |  |
| --- | --- | --- |
| Name | Designation | Date |
|  |  |  |

**Table of Contents**

[1. Overview 7](#_Toc143107697)

[2. Target Audience 8](#_Toc143107698)

[3. BIBD Mobile Banking MiB Web Services 9](#_Toc143107699)

[3.1. Login Authentication 9](#_Toc143107700)

[3.1.1. loginTokenConfirm 9](#_Toc143107701)

[Request 9](#_Toc143107702)

[Sample Request 9](#_Toc143107703)

[Response 10](#_Toc143107704)

[Sample Response – ACTIVE and PRIMARY\_NEW 10](#_Toc143107705)

[Sample Response – PENDING and SECONDARY 11](#_Toc143107706)

[3.1.2. loginMobilePasswordConfirm 13](#_Toc143107707)

[Request 13](#_Toc143107708)

[Sample Request 13](#_Toc143107709)

[Response 14](#_Toc143107710)

[Sample Response – ACTIVE and PRIMARY\_NEW 14](#_Toc143107711)

[Sample Response – PENDING and SECONDARY 15](#_Toc143107712)

[3.1.3. verifyIdentityWithMobilePasswordConfirm 17](#_Toc143107713)

[Request 17](#_Toc143107714)

[Sample Request 17](#_Toc143107715)

[Response 18](#_Toc143107716)

[Sample Response – ACTIVE and PRIMARY\_NEW 18](#_Toc143107717)

[Sample Response – PENDING and SECONDARY 19](#_Toc143107718)

[3.1. Device Binding 21](#_Toc143107719)

[3.1.1. deviceBindingLoginApproval 21](#_Toc143107720)

[Request 21](#_Toc143107721)

[Sample Request 21](#_Toc143107722)

[Response 21](#_Toc143107723)

[Sample Response 21](#_Toc143107724)

[3.1.2. deviceBindingRetrieveList 22](#_Toc143107725)

[Request 22](#_Toc143107726)

[Sample Request 22](#_Toc143107727)

[Response 22](#_Toc143107728)

[Sample Response – PRIMARY DEVICE 22](#_Toc143107729)

[Sample Response – SECONDARY DEVICE 23](#_Toc143107730)

[3.1.3. deviceBindingChangePrimaryUnbind 25](#_Toc143107731)

[Request 25](#_Toc143107732)

[Sample Request 25](#_Toc143107733)

[Response 26](#_Toc143107734)

[Sample Response 26](#_Toc143107735)

[3.1.4. deviceBindingPrimary 27](#_Toc143107736)

[Request 27](#_Toc143107737)

[Sample Request 27](#_Toc143107738)

[Response 28](#_Toc143107739)

[Sample Response 28](#_Toc143107740)

[3.2. In App OTP 29](#_Toc143107741)

[3.2.1. requestInAppOTP 29](#_Toc143107742)

[Request 29](#_Toc143107743)

[Sample Request 29](#_Toc143107744)

[Response 29](#_Toc143107745)

[Sample Response 29](#_Toc143107746)

# Overview

1. This document is to provide the sample of request and response for Mobile front-end developers to integrate for this BCR.

# Target Audience

1. Product Management Team
2. Development Team
3. QA / Testing Team
4. Project Management Team
5. System Integration / Implementation Team

# BIBD Mobile Banking MiB Web Services

|  |  |
| --- | --- |
|  |  |
| Web Services Type | SOAP |
| Web Services URL format  | http://{URL:Port}/CCMiBWs/MiBWSServices |

## Login Authentication

### loginTokenConfirm

Existing web service for login token pin
\*Ensure **BAU request remain the same** and add in **RED** highlighted parameters if they don’t exist in the request

#### Request

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | ? | Remark |
| token | String | Y |  |
| deviceId | String | Y | Physical device ID |
| deviceType | String | Y | Android, iOS |
| channelId | String | Y | Push notification ID |
| deviceBean | Object | Y |  |
| >type | String | Y | devicebinding |
| >deviceName | String | Y | Device name eg: iPhone 12 Pro |

#### Sample Request

|  |
| --- |
| <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:adap="http://adapter.ccmib.micb.silverlake.com/"> <soapenv:Header/> <soapenv:Body> <adap:loginTokenConfirm> <token>111111</token> **<deviceId>172F6B40-9140-46E0-B85D-E165164A1234</deviceId>** **<deviceType>iOS</deviceType>** **<channelId>2bb43b04-e355-4b43-a011-a4107c265678</channelId>** **<deviceBean>** **<type>devicebinding</type>** **<deviceName>iPhone 12 Pro</deviceName>** **</deviceBean>** </adap:loginTokenConfirm> </soapenv:Body></soapenv:Envelope> |

#### Response

|  |  |  |
| --- | --- | --- |
| Field | Type | Remark |
| obHeader | Object |  |
| obUser | Object |  |
| obDeviceBinding | Object |  |
| >status | String | ACTIVEPENDINGERROR |
| >deviceLevel | String | PRIMARY\_NEW: First time device bindingPRIMARY: Primary deviceSECONDARY: Secondary |
| >deviceBindingMessage | String | Display at Front-End if status ERROR **OR** Status PENDING **and** deviceLevel SECONDARY |

#### Sample Response – ACTIVE and PRIMARY\_NEW

|  |
| --- |
| <soap:Envelope xmlns:ns2="http://adapter.ccmib.micb.silverlake.com/" xmlns:ns3="http://www.daon.com/ws/de" xmlns:ns4="http://www.daon.com/ws/identityx" xmlns:ns5="http://webservice.nextstorm.silverglobe.com/" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <soap:Body> <ns2:loginTokenConfirmResponse> <return> <obHeader> <statusCode>IB025</statusCode> <statusMessage>Mobile passsword is locked</statusMessage> <success>false</success> <transactionDate>20230802195306</transactionDate> </obHeader> <obUser> <accessId/> <address1>4AWismaSitiHamidah</address1> <address2/> <address3/> <address4/> <branchNumber/> <cifNumber>230003714</cifNumber> <city/> <companyId/> <countryOfCitizenship/> <electronicAddressDesc/> <employerName/> <identificationNumber>A35062596</identificationNumber> <identificationType>PP</identificationType> <languageIdentifier/> <lastLoginDate>20230802194805</lastLoginDate> <loginId>AZZASYZWNY</loginId> <mobileNumber/> <mobilePasswordPosition>1,5,7</mobilePasswordPosition> <motherMaidenName/> <name1>NUR AZZA SYAZWANY BINTI AZIZOL</name1> <newCustomer>false</newCustomer> <perdana/> <phone2/> <phone3/> <roleId/> <userId>2017082200000085</userId> </obUser> <isEpayActivated>true</isEpayActivated> <isEtunaiUser>true</isEtunaiUser> <isEcommUser>false</isEcommUser> <isMChatTncAccepted>false</isMChatTncAccepted> <isSmartSaverTncAccepted>false</isSmartSaverTncAccepted> <isSpeedSendTncAccepted>false</isSpeedSendTncAccepted> <isBioEnrollPrompted>true</isBioEnrollPrompted> <isEpayTncAccepted>false</isEpayTncAccepted> <isEDuitRayaTncAccepted>false</isEDuitRayaTncAccepted> <isZakatDisclaimerAccepted>false</isZakatDisclaimerAccepted> **<obDeviceBinding>** **<status>ACTIVE</status>** **<deviceLevel>PRIMARY\_NEW</deviceLevel>** **<deviceBindingMessage>Success</deviceBindingMessage>** **</obDeviceBinding>** </return> </ns2:loginTokenConfirmResponse> </soap:Body></soap:Envelope> |

#### Sample Response – PENDING and SECONDARY

|  |
| --- |
| <soap:Envelope xmlns:ns2="http://adapter.ccmib.micb.silverlake.com/" xmlns:ns3="http://www.daon.com/ws/de" xmlns:ns4="http://www.daon.com/ws/identityx" xmlns:ns5="http://webservice.nextstorm.silverglobe.com/" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <soap:Body> <ns2:loginTokenConfirmResponse> <return> <obHeader> <statusCode>0000000</statusCode> <success>true</success> <transactionDate>20230803195955</transactionDate> </obHeader> <obUser> <accessId/> <address1>NOA2FLAT791</address1> <address2>SPG4138</address2> <address3>JALANPANDANLAPAN</address3> <address4>KUALABELAIT</address4> <branchNumber/> <cifNumber>1001777</cifNumber> <city/> <companyId/> <countryOfCitizenship/> <electronicAddressDesc/> <employerName/> <identificationNumber>00-276104</identificationNumber> <identificationType>IY</identificationType> <languageIdentifier/> <lastLoginDate>20230803195332</lastLoginDate> <loginId>RAFLY123456</loginId> <mobileNumber/> <mobilePasswordPosition>3,4,6</mobilePasswordPosition> <motherMaidenName/> <name1>ABU BAKAR ABU BAKAR ABU BAKAR ABU BAKAR</name1> <newCustomer>false</newCustomer> <perdana>N</perdana> <phone2/> <phone3/> <roleId/> <userId>2023032200000813</userId> </obUser> <isEpayActivated>false</isEpayActivated> <isEtunaiUser>true</isEtunaiUser> <isEcommUser>false</isEcommUser> <isMChatTncAccepted>false</isMChatTncAccepted> <isSmartSaverTncAccepted>false</isSmartSaverTncAccepted> <isSpeedSendTncAccepted>false</isSpeedSendTncAccepted> <isBioEnrollPrompted>true</isBioEnrollPrompted> <isEpayTncAccepted>false</isEpayTncAccepted> <isEDuitRayaTncAccepted>false</isEDuitRayaTncAccepted> <isZakatDisclaimerAccepted>false</isZakatDisclaimerAccepted> **<obDeviceBinding>** **<status>PENDING</status>** **<deviceLevel>SECONDARY</deviceLevel>** **<deviceBindingMessage>Your request is still Pending. Please approve using your Primary Device.</deviceBindingMessage>** **</obDeviceBinding>** </return> </ns2:loginTokenConfirmResponse> </soap:Body></soap:Envelope> |

### loginMobilePasswordConfirm

Existing web service for login mobile password
\*Ensure **BAU request remain the same** and add in **RED** highlighted parameters if they don’t exist in the request

#### Request

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | ? | Remark |
| mPassword | String | Y |  |
| deviceId | String | Y | Physical device ID |
| deviceType | String | Y | Android, iOS |
| channelId | String | Y | Push notification ID |
| deviceBean | Object | Y |  |
| >type | String | Y | devicebinding |
| >deviceName | String | Y | Device name eg: Samsung Galaxy S23 |

#### Sample Request

|  |
| --- |
| <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:adap="http://adapter.ccmib.micb.silverlake.com/"> <soapenv:Header/> <soapenv:Body> <adap:loginMobilePasswordConfirm> <mPassword>11,52,73</mPassword> **<deviceId>172F6B40-9140-46E0-B85D-E165164A1234</deviceId>** **<deviceType>iOS</deviceType>** **<channelId>2bb43b04-e355-4b43-a011-a4107c265678</channelId>** **<deviceBean>** **<type>devicebinding</type>** **<deviceName>iPhone 12 Pro</deviceName>** **</deviceBean>** </adap:loginMobilePasswordConfirm> </soapenv:Body></soapenv:Envelope> |

#### Response

|  |  |  |
| --- | --- | --- |
| Field | Type | Remark |
| obHeader | Object |  |
| obUser | Object |  |
| obDeviceBinding | Object |  |
| >status | String | ACTIVEPENDINGERROR |
| >deviceLevel | String | PRIMARY\_NEW: First time device bindingPRIMARY: Primary deviceSECONDARY: Secondary |
| >deviceBindingMessage | String | Display at Front-End if status ERROR **OR** Status PENDING **and** deviceLevel SECONDARY |

#### Sample Response – ACTIVE and PRIMARY\_NEW

|  |
| --- |
| <soap:Envelope xmlns:ns2="http://adapter.ccmib.micb.silverlake.com/" xmlns:ns3="http://www.daon.com/ws/de" xmlns:ns4="http://www.daon.com/ws/identityx" xmlns:ns5="http://webservice.nextstorm.silverglobe.com/" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <soap:Body> <ns2:loginMobilePasswordConfirmResponse> <return> <obHeader> <statusCode>IB025</statusCode> <statusMessage>Mobile passsword is locked</statusMessage> <success>false</success> <transactionDate>20230802195306</transactionDate> </obHeader> <obUser> <accessId/> <address1>4AWismaSitiHamidah</address1> <address2/> <address3/> <address4/> <branchNumber/> <cifNumber>230003714</cifNumber> <city/> <companyId/> <countryOfCitizenship/> <electronicAddressDesc/> <employerName/> <identificationNumber>A35062596</identificationNumber> <identificationType>PP</identificationType> <languageIdentifier/> <lastLoginDate>20230802194805</lastLoginDate> <loginId>AZZASYZWNY</loginId> <mobileNumber/> <mobilePasswordPosition>1,5,7</mobilePasswordPosition> <motherMaidenName/> <name1>NUR AZZA SYAZWANY BINTI AZIZOL</name1> <newCustomer>false</newCustomer> <perdana/> <phone2/> <phone3/> <roleId/> <userId>2017082200000085</userId> </obUser> <isEpayActivated>true</isEpayActivated> <isEtunaiUser>true</isEtunaiUser> <isEcommUser>false</isEcommUser> <isMChatTncAccepted>false</isMChatTncAccepted> <isSmartSaverTncAccepted>false</isSmartSaverTncAccepted> <isSpeedSendTncAccepted>false</isSpeedSendTncAccepted> <isBioEnrollPrompted>true</isBioEnrollPrompted> <isEpayTncAccepted>false</isEpayTncAccepted> <isEDuitRayaTncAccepted>false</isEDuitRayaTncAccepted> <isZakatDisclaimerAccepted>false</isZakatDisclaimerAccepted> **<obDeviceBinding>** **<status>ACTIVE</status>** **<deviceLevel>PRIMARY\_NEW</deviceLevel>** **<deviceBindingMessage>Success</deviceBindingMessage>** **</obDeviceBinding>** </return> </ns2:loginMobilePasswordConfirmResponse> </soap:Body></soap:Envelope> |

#### Sample Response – PENDING and SECONDARY

|  |
| --- |
| <soap:Envelope xmlns:ns2="http://adapter.ccmib.micb.silverlake.com/" xmlns:ns3="http://www.daon.com/ws/de" xmlns:ns4="http://www.daon.com/ws/identityx" xmlns:ns5="http://webservice.nextstorm.silverglobe.com/" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <soap:Body> <ns2:loginMobilePasswordConfirmResponse> <return> <obHeader> <statusCode>0000000</statusCode> <success>true</success> <transactionDate>20230803195955</transactionDate> </obHeader> <obUser> <accessId/> <address1>NOA2FLAT791</address1> <address2>SPG4138</address2> <address3>JALANPANDANLAPAN</address3> <address4>KUALABELAIT</address4> <branchNumber/> <cifNumber>1001777</cifNumber> <city/> <companyId/> <countryOfCitizenship/> <electronicAddressDesc/> <employerName/> <identificationNumber>00-276104</identificationNumber> <identificationType>IY</identificationType> <languageIdentifier/> <lastLoginDate>20230803195332</lastLoginDate> <loginId>RAFLY123456</loginId> <mobileNumber/> <mobilePasswordPosition>3,4,6</mobilePasswordPosition> <motherMaidenName/> <name1>ABU BAKAR ABU BAKAR ABU BAKAR ABU BAKAR</name1> <newCustomer>false</newCustomer> <perdana>N</perdana> <phone2/> <phone3/> <roleId/> <userId>2023032200000813</userId> </obUser> <isEpayActivated>false</isEpayActivated> <isEtunaiUser>true</isEtunaiUser> <isEcommUser>false</isEcommUser> <isMChatTncAccepted>false</isMChatTncAccepted> <isSmartSaverTncAccepted>false</isSmartSaverTncAccepted> <isSpeedSendTncAccepted>false</isSpeedSendTncAccepted> <isBioEnrollPrompted>true</isBioEnrollPrompted> <isEpayTncAccepted>false</isEpayTncAccepted> <isEDuitRayaTncAccepted>false</isEDuitRayaTncAccepted> <isZakatDisclaimerAccepted>false</isZakatDisclaimerAccepted> **<obDeviceBinding>** **<status>PENDING</status>** **<deviceLevel>SECONDARY</deviceLevel>** **<deviceBindingMessage>Your request is still Pending. Please approve using your Primary Device.</deviceBindingMessage>** **</obDeviceBinding>** </return> </ns2:loginMobilePasswordConfirmResponse> </soap:Body></soap:Envelope> |

### verifyIdentityWithMobilePasswordConfirm

Existing web service for biometric login mobile password
\*Ensure **BAU request remain the same** and add in **RED** highlighted parameters if they don’t exist in the request

#### Request

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | ? | Remark |
| mPassword | String | Y |  |
| functionCode | String | Y | Function Code defined in DB |
| deviceId | String | Y | Physical device ID |
| deviceType | String | Y | Android, iOS |
| channelId | String | Y | Push notification ID |
| deviceBean | Object | Y |  |
| >type | String | Y | devicebinding |
| >deviceName | String | Y | Device name eg: Samsung Galaxy S23 |

#### Sample Request

|  |
| --- |
| <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:adap="http://adapter.ccmib.micb.silverlake.com/"> <soapenv:Header/> <soapenv:Body> <adap:verifyIdentityWithMobilePasswordConfirm> <mPassword>11,52,73</mPassword> <functionCode>QEV</functionCode>  **<deviceId>172F6B40-9140-46E0-B85D-E165164A1234</deviceId>** **<deviceType>iOS</deviceType>** **<channelId>2bb43b04-e355-4b43-a011-a4107c265678</channelId>** **<deviceBean>** **<type>devicebinding</type>** **<deviceName>iPhone 12 Pro</deviceName>** **</deviceBean>** </adap:verifyIdentityWithMobilePasswordConfirm> </soapenv:Body></soapenv:Envelope> |

#### Response

|  |  |  |
| --- | --- | --- |
| Field | Type | Remark |
| obHeader | Object |  |
| obUser | Object |  |
| obDeviceBinding | Object |  |
| >status | String | ACTIVEPENDINGERROR |
| >deviceLevel | String | PRIMARY\_NEW: First time device bindingPRIMARY: Primary deviceSECONDARY: Secondary |
| >deviceBindingMessage | String | Display at Front-End if status ERROR **OR** Status PENDING **and** deviceLevel SECONDARY |

#### Sample Response – ACTIVE and PRIMARY\_NEW

|  |
| --- |
| <soap:Envelope xmlns:ns2="http://adapter.ccmib.micb.silverlake.com/" xmlns:ns3="http://www.daon.com/ws/de" xmlns:ns4="http://www.daon.com/ws/identityx" xmlns:ns5="http://webservice.nextstorm.silverglobe.com/" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <soap:Body> <ns2:verifyIdentityWithMobilePasswordConfirmResponse> <return> <obHeader> <statusCode>IB025</statusCode> <statusMessage>Mobile passsword is locked</statusMessage> <success>false</success> <transactionDate>20230802195306</transactionDate> </obHeader> <obUser> <accessId/> <address1>4AWismaSitiHamidah</address1> <address2/> <address3/> <address4/> <branchNumber/> <cifNumber>230003714</cifNumber> <city/> <companyId/> <countryOfCitizenship/> <electronicAddressDesc/> <employerName/> <identificationNumber>A35062596</identificationNumber> <identificationType>PP</identificationType> <languageIdentifier/> <lastLoginDate>20230802194805</lastLoginDate> <loginId>AZZASYZWNY</loginId> <mobileNumber/> <mobilePasswordPosition>1,5,7</mobilePasswordPosition> <motherMaidenName/> <name1>NUR AZZA SYAZWANY BINTI AZIZOL</name1> <newCustomer>false</newCustomer> <perdana/> <phone2/> <phone3/> <roleId/> <userId>2017082200000085</userId> </obUser> <isEpayActivated>true</isEpayActivated> <isEtunaiUser>true</isEtunaiUser> <isEcommUser>false</isEcommUser> <isMChatTncAccepted>false</isMChatTncAccepted> <isSmartSaverTncAccepted>false</isSmartSaverTncAccepted> <isSpeedSendTncAccepted>false</isSpeedSendTncAccepted> <isBioEnrollPrompted>true</isBioEnrollPrompted> <isEpayTncAccepted>false</isEpayTncAccepted> <isEDuitRayaTncAccepted>false</isEDuitRayaTncAccepted> <isZakatDisclaimerAccepted>false</isZakatDisclaimerAccepted> **<obDeviceBinding>** **<status>ACTIVE</status>** **<deviceLevel>PRIMARY\_NEW</deviceLevel>** **<deviceBindingMessage>Success</deviceBindingMessage>** **</obDeviceBinding>** </return> </ns2:verifyIdentityWithMobilePasswordConfirmResponse> </soap:Body></soap:Envelope> |

#### Sample Response – PENDING and SECONDARY

|  |
| --- |
| <soap:Envelope xmlns:ns2="http://adapter.ccmib.micb.silverlake.com/" xmlns:ns3="http://www.daon.com/ws/de" xmlns:ns4="http://www.daon.com/ws/identityx" xmlns:ns5="http://webservice.nextstorm.silverglobe.com/" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <soap:Body> <ns2:verifyIdentityWithMobilePasswordConfirmResponse> <return> <obHeader> <statusCode>0000000</statusCode> <success>true</success> <transactionDate>20230803195955</transactionDate> </obHeader> <obUser> <accessId/> <address1>NOA2FLAT791</address1> <address2>SPG4138</address2> <address3>JALANPANDANLAPAN</address3> <address4>KUALABELAIT</address4> <branchNumber/> <cifNumber>1001777</cifNumber> <city/> <companyId/> <countryOfCitizenship/> <electronicAddressDesc/> <employerName/> <identificationNumber>00-276104</identificationNumber> <identificationType>IY</identificationType> <languageIdentifier/> <lastLoginDate>20230803195332</lastLoginDate> <loginId>RAFLY123456</loginId> <mobileNumber/> <mobilePasswordPosition>3,4,6</mobilePasswordPosition> <motherMaidenName/> <name1>ABU BAKAR ABU BAKAR ABU BAKAR ABU BAKAR</name1> <newCustomer>false</newCustomer> <perdana>N</perdana> <phone2/> <phone3/> <roleId/> <userId>2023032200000813</userId> </obUser> <isEpayActivated>false</isEpayActivated> <isEtunaiUser>true</isEtunaiUser> <isEcommUser>false</isEcommUser> <isMChatTncAccepted>false</isMChatTncAccepted> <isSmartSaverTncAccepted>false</isSmartSaverTncAccepted> <isSpeedSendTncAccepted>false</isSpeedSendTncAccepted> <isBioEnrollPrompted>true</isBioEnrollPrompted> <isEpayTncAccepted>false</isEpayTncAccepted> <isEDuitRayaTncAccepted>false</isEDuitRayaTncAccepted> <isZakatDisclaimerAccepted>false</isZakatDisclaimerAccepted> **<obDeviceBinding>** **<status>PENDING</status>** **<deviceLevel>SECONDARY</deviceLevel>** **<deviceBindingMessage>Your request is still Pending. Please approve using your Primary Device.</deviceBindingMessage>** **</obDeviceBinding>** </return> </ns2:verifyIdentityWithMobilePasswordConfirmResponse> </soap:Body></soap:Envelope> |

## Device Binding

### deviceBindingLoginApproval

New web service to approve / reject device binding request from primary device

#### Request

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | ? | Remark |
| obDeviceBindingRequest | Object | Y |  |
| >deviceId | String | Y | Primary Device ID |
| >secDeviceId | String | Y | Secondary Device ID from Push Notification **PushPayLoad.message** |
| >approvalStatus | String | Y | APPROVED / REJECTED |

#### Sample Request

|  |
| --- |
| <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:adap="http://adapter.ccmib.micb.silverlake.com/"> <soapenv:Header/> <soapenv:Body> <adap:deviceBindingLoginApproval> <obDeviceBindingRequest> <deviceId>172F6B40-9140-46E0-B85D-E165164AEA70</deviceId> **<secDeviceId>172F6B40-9140-46E0-B85D-8DUAHDUWH9</secDeviceId>** <approvalStatus>APPROVED</approvalStatus> </obDeviceBindingRequest> </adap:deviceBindingLoginApproval> </soapenv:Body></soapenv:Envelope> |

#### Response

|  |  |  |
| --- | --- | --- |
| Field | Type | Remark |
| obHeader | Object |  |

#### Sample Response

|  |
| --- |
| <soap:Envelope xmlns:ns2="http://adapter.ccmib.micb.silverlake.com/" xmlns:ns3="http://www.daon.com/ws/de" xmlns:ns4="http://www.daon.com/ws/identityx" xmlns:ns5="http://webservice.nextstorm.silverglobe.com/" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <soap:Body> <ns2:deviceBindingLoginApprovalResponse> <return> <obHeader> <statusCode>0000000</statusCode> <statusMessage>Success</statusMessage> </obHeader> </return> </ns2:deviceBindingLoginApprovalResponse> </soap:Body></soap:Envelope> |

### deviceBindingRetrieveList

New web service to retrieve device binding list

#### Request

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | ? | Remark |
| ~~obDeviceBindingRequest~~ | ~~Object~~ | ~~Y~~ |  |
| ~~>deviceId~~ | ~~String~~ | ~~Y~~ | ~~User Device ID~~ |

#### Sample Request

|  |
| --- |
| **<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:adap="http://adapter.ccmib.micb.silverlake.com/">** **<soapenv:Header/>** **<soapenv:Body>** **<adap:deviceBindingRetrieveList/>** **</soapenv:Body>****</soapenv:Envelope>** |

#### Response

|  |  |  |
| --- | --- | --- |
| Field | Type | Remark |
| obHeader | Object |  |
| obDeviceBindingList | Object |  |
| >obDeviceBinding | Object List |  |

#### Sample Response – PRIMARY DEVICE

|  |
| --- |
| <soap:Envelope xmlns:ns2="http://adapter.ccmib.micb.silverlake.com/" xmlns:ns3="http://www.daon.com/ws/de" xmlns:ns4="http://www.daon.com/ws/identityx" xmlns:ns5="http://webservice.nextstorm.silverglobe.com/" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <soap:Body> <ns2:deviceBindingRetrieveListResponse> <return> <obHeader/> <deviceBindingList> <obDeviceBinding> <status>ACTIVE</status> <deviceLevel>PRIMARY</deviceLevel> <deviceId>172F6B40-9140-46E0-B85D-E165164AEA70</deviceId> <deviceName>iPhone 12 Pro</deviceName> <description>Current Device (Primary)</description> </obDeviceBinding> <obDeviceBinding> <status>ACTIVE</status> <deviceLevel>SECONDARY</deviceLevel> <deviceId>172F6B40-9140-46E0-B85D-E165164A1234</deviceId> <deviceName>iPhone 12</deviceName> <description>Other Device</description> </obDeviceBinding> <obDeviceBinding> <status>ACTIVE</status> <deviceLevel>SECONDARY</deviceLevel> <deviceId>172F6B40-9140-46E0-B85D-8DUAHDUWH9</deviceId> <deviceName>iPhone 7</deviceName> <description>Other Device</description> </obDeviceBinding> </deviceBindingList> </return> </ns2:deviceBindingRetrieveListResponse> </soap:Body></soap:Envelope> |

#### Sample Response – SECONDARY DEVICE

|  |
| --- |
| <soap:Envelope xmlns:ns2="http://adapter.ccmib.micb.silverlake.com/" xmlns:ns3="http://www.daon.com/ws/de" xmlns:ns4="http://www.daon.com/ws/identityx" xmlns:ns5="http://webservice.nextstorm.silverglobe.com/" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <soap:Body> <ns2:deviceBindingRetrieveListResponse> <return> <obHeader> <statusCode>0000000</statusCode> <statusMessage>Success</statusMessage> </obHeader> <deviceBindingList> <obDeviceBinding> <status>ACTIVE</status> <deviceLevel>PRIMARY</deviceLevel> <deviceId>172F6B40-9140-46E0-B85D-E165164AEA70</deviceId> <deviceName>iPhone 12 Pro</deviceName> <description>Other Device</description> </obDeviceBinding> <obDeviceBinding> <status>ACTIVE</status> <deviceLevel>SECONDARY</deviceLevel> <deviceId>172F6B40-9140-46E0-B85D-E165164A1234</deviceId> <deviceName>iPhone 12</deviceName> <description>Current Device</description> </obDeviceBinding> <obDeviceBinding> <status>ACTIVE</status> <deviceLevel>SECONDARY</deviceLevel> <deviceId>172F6B40-9140-46E0-B85D-8DUAHDUWH9</deviceId> <deviceName>iPhone 7</deviceName> <description>Other Device</description> </obDeviceBinding> </deviceBindingList> </return> </ns2:deviceBindingRetrieveListResponse> </soap:Body></soap:Envelope> |

### deviceBindingChangePrimaryUnbind

New web service to change primary device and unbind device

#### Request

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | ? | Remark |
| method | String | Y | CHANGE: To change primary deviceUNBIND: To unbind device |
| obDeviceBindingRequest | Object | Y |  |
| >deviceId | String | Y | if method **CHANGE**:deviceId for PRIMARY device from deviceBindingRetrieveList responseif method **UNBIND**:User device ID |
| >secDeviceId | String | Y | Device ID to change or unbind |

#### Sample Request

|  |
| --- |
| <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:adap="http://adapter.ccmib.micb.silverlake.com/"> <soapenv:Header/> <soapenv:Body> <adap:deviceBindingChangePrimaryUnbind> <method>CHANGE</method> <obDeviceBindingRequest> <deviceId>172F6B40-2112-46E0-B85D-E165164A1221</deviceId> <secDeviceId>172F6B40-2112-46E0-B85D-E165164AEA70</secDeviceId> </obDeviceBindingRequest> </adap:deviceBindingChangePrimaryUnbind> </soapenv:Body></soapenv:Envelope> |

#### Response

|  |  |  |
| --- | --- | --- |
| Field | Type | Remark |
| obHeader | Object |  |

#### Sample Response

|  |
| --- |
| <soap:Envelope xmlns:ns2="http://adapter.ccmib.micb.silverlake.com/" xmlns:ns3="http://www.daon.com/ws/de" xmlns:ns4="http://www.daon.com/ws/identityx" xmlns:ns5="http://webservice.nextstorm.silverglobe.com/" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <soap:Body> <ns2:deviceBindingChangePrimaryUnbindResponse> <return> <obHeader> <statusCode>0000000</statusCode> <statusMessage>Success</statusMessage> </obHeader> </return> </ns2:deviceBindingChangePrimaryUnbindResponse> </soap:Body></soap:Envelope> |

### deviceBindingPrimary

New web service to validate otp and bind primary device

#### Request

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | ? | Remark |
| obDeviceBindingRequest | Object | Y |  |
| >deviceId | String | Y |  |
| >deviceName | String | Y |  |
| >osType | String  | Y |  |
| >channelId | String | Y |  |
| >otp | String | Y |  |

#### Sample Request

|  |
| --- |
| <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:adap="http://adapter.ccmib.micb.silverlake.com/"> <soapenv:Header/> <soapenv:Body> <adap:deviceBindingPrimary> <obDeviceBindingRequest> <deviceId>172F6B40-9140-46E0-B85D-E165164A1234</deviceId> <deviceName>iPhone 12 Pro</deviceName> <osType>iOS</osType> <channelId>2bb43b04-e355-4b43-a011-a4107c265678</channelId> <otp>706800</otp> </obDeviceBindingRequest> </adap:deviceBindingPrimary> </soapenv:Body></soapenv:Envelope> |

#### Response

|  |  |  |
| --- | --- | --- |
| Field | Type | Remark |
| obHeader | Object |  |

#### Sample Response

|  |
| --- |
| <soap:Envelope xmlns:ns2="http://adapter.ccmib.micb.silverlake.com/" xmlns:ns3="http://www.daon.com/ws/de" xmlns:ns4="http://www.daon.com/ws/identityx" xmlns:ns5="http://webservice.nextstorm.silverglobe.com/" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <soap:Body> <ns2:deviceBindingPrimaryResponse> <return> <obHeader> <statusCode>0000000</statusCode> <statusMessage>Success</statusMessage> </obHeader> <status>ACTIVE</status> <deviceLevel>PRIMARY</deviceLevel> <deviceBindingMessage>Success</deviceBindingMessage> </return> </ns2:deviceBindingPrimaryResponse> </soap:Body></soap:Envelope> |

## In App OTP

### requestInAppOTP

New web service to request for in-app OTP

#### Request

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | ? | Remark |
| requestInAppOtp | Object | Y |  |

#### Sample Request

|  |
| --- |
| <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:adap="http://adapter.ccmib.micb.silverlake.com/"> <soapenv:Header/> <soapenv:Body> <adap:requestInAppOtp/> </soapenv:Body></soapenv:Envelope> |

#### Response

|  |  |  |
| --- | --- | --- |
| Field | Type | Remark |
| obHeader | Object |  |

#### Sample Response

|  |
| --- |
| <soap:Envelope xmlns:ns2="http://adapter.ccmib.micb.silverlake.com/" xmlns:ns3="http://www.daon.com/ws/de" xmlns:ns4="http://www.daon.com/ws/identityx" xmlns:ns5="http://webservice.nextstorm.silverglobe.com/" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <soap:Body> <ns2:requestInAppOtpResponse> <return> <obHeader> <statusCode>0000000</statusCode> <statusMessage>Success</statusMessage> </obHeader> </return> </ns2:requestInAppOtpResponse> </soap:Body></soap:Envelope> |