Notification API

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| **Function:** |
| **Upload the device token to the remote location.** |
| **Access Point:** |
| **“~/UserServices/uploadDevice” (POST)** |
| **Description:** |
| **The service is for storing the device token into the database. The server can check if the device has already existed, so the duplicate device token is acceptable.** |
| **Parameters:** |
| **deviceID: the device token** |
| **Response:** |
| **“Success”, “The device has been uploaded.”**  **“Error”, “<Error Detail>”** |

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| **Function:** |
| **Binds the device with the user.** |
| **Access Point:** |
| **“~/UserServices/bindDevice” (POST)** |
| **Description:** |
| **The service is for binding the user with the device. This service should only be called when the user is logged in, and the login cookie is set. This also means the service should be called after login request completes.** |
| **Parameters:** |
| **deviceID: the device token** |
| **Response:** |
| **“Success”, “The device has been bind with the user.”**  **“Fail”, “The user has not logged in yet.”**  **“Error”, “<Error Detail>”** |

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| **Function:** |
| **Connect the client to APN.** |
| **Access Point:** |
| **“~/UserServices/connectAPN” (POST)** |
| **Description:** |
| **The service is for setting up the connection with APN for the user. This service should be called when the application just starts up. The connection should be persistent while the application is being used by the user.** |
| **Parameters:** |
| **none** |
| **Response:** |
| **“Success”, “The connection is set up.”**  **“Error”, “<Error Detail>”** |

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| **Function:** |
| **Disconnect the client to APN.** |
| **Access Point:** |
| **“~/UserServices/disconnectAPN” (POST)** |
| **Description:** |
| **The service is for disconnecting the connection with APN for the user. This service should be called when the application terminates. The purpose for this service is for releasing resources of the server.** |
| **Parameters:** |
| **none** |
| **Response:** |
| **“Success”, “The connection is disconnected.”**  **“Error”, “<Error Detail>”** |