**Hotlist Service**

It provides functionality to block and unblock any IDs with an option of expiry. Hotlisting is the blocking and unblocking of IDs, not the person.

**APIs:**

1. **Block:**  
   POST**:** {{url}}/v1/hotlist/block  
   Api used to block IDs.  
   Request Sample:

|  |
| --- |
| {  "id": "string",  "version": "string",  "requesttime": "2019-08-24T14:15:22Z",  "metadata": { },  "request": {  "id": "string",  "idType": "string",  "status": "string",  "description": "string"  "expiryTimestamp": "2019-08-24T14:15:22Z"  }  } |

Response Sample:

|  |
| --- |
| {  "id": "string",  "version": "string",  "requesttime": "2019-08-24T14:15:22Z",  "metadata": { },  "response": {  "id": "string",  "idType": "string",  "status": "string",  "description": "string"  "expiryTimestamp": "2019-08-24T14:15:22Z"  },  "errors": [  {  "errorCode": "string",  "message": "string"  }  ]  } |

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1. **Unblock:**  
   POST**:** {{url}}/v1/hotlist/unblock  
   Api used to unblock IDs.  
   Request Sample:

|  |
| --- |
| {  "id": "string",  "version": "string",  "requesttime": "2019-08-24T14:15:22Z",  "metadata": { },  "request": {  "id": "string",  "idType": "string",  "status": "string",  "description": "string"  "expiryTimestamp": "2019-08-24T14:15:22Z"  }  } |

Response Sample:

|  |
| --- |
| {  "id": "string",  "version": "string",  "requesttime": "2019-08-24T14:15:22Z",  "metadata": { },  "response": {  "id": "string",  "idType": "string",  "status": "string",  "description": "string"  "expiryTimestamp": "2019-08-24T14:15:22Z"  },  "errors": [  {  "errorCode": "string",  "message": "string"  }  ]  } |

All the hotlisted IDs are listed in hotlist.hotlist table under mosip\_hotlist. If ID is already present in the table, then update the fields corresponding to given ID otherwise add new record with the given details.

After hotlisting sending notification as per the configuration.

|  |  |
| --- | --- |
| **Config key** | **Description** |
| hotlist.notification.send | If “Yes” notification is going to be send otherwise not going to send. |
| mosip.notificationtype | Type on notifiaction is going to be send email, SMS or both. |

**Notification Service**

It provides functionality to send email and SMS. Used this service in Hotlist to send notifications.

**Flow:**

1. After hotlisting of ID, process of sending notification starts if configuration **hotlist.notification.send** is set to **YES**.
2. First fetching mailing details like email, number, preferred languages from **IdRepository** corresponding to the given ID.
3. Check configuration **mosip.notificationtype** for notification type (SMS, email or both).
4. Fetch email and SMS templates from **master.template** table present under **mosip\_master**.
5. Templates are stored in 3 languages (English, Arabic, French).
6. Notification is going to be send as per the preferred language if given otherwise going to be send in all languages.
7. In the notification ID is masked.

**Templates:**

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| --- | --- | --- |
| **Template Code** | **description** | **file text** |
| HS\_UIN\_BLOCK\_EMAIL | Template for UIN block email content | Hi $fullName\_eng, Your UIN: $UIN is suspended. Thank You! |
| HS\_UIN\_BLOCK\_EMAIL\_SUB | Template for UIN block email subject | UIN suspended |
| HS\_UIN\_BLOCK\_SMS | Template for UIN block sms | Hi $fullName\_eng, Your UIN: $UIN is suspended. Thank You! |
| HS\_UIN\_UNBLOCK\_EMAIL | Template for UIN unblock email content | Hi $fullName\_eng, Your UIN: $UIN is unsuspended. Thank You! |
| HS\_UIN\_UNBLOCK\_EMAIL\_SUB | Template for UIN unblock email subject | UIN unsuspended |
| HS\_UIN\_UNBLOCK\_SMS | Template for UIN unblock sms | Hi $fullName\_eng, Your UIN: $UIN is unsuspended. Thank You! |
| HS\_VID\_BLOCK\_EMAIL | Template for VID block email content | Hi $fullName\_eng, Your VID: $VID is suspended. Thank You! |
| HS\_VID\_BLOCK\_EMAIL\_SUB | Template for VID block email subject | VID suspended |
| HS\_VID\_BLOCK\_SMS | Template for VID block sms | Hi $fullName\_eng, Your VID: $VID is suspended. Thank You! |
| HS\_VID\_UNBLOCK\_EMAIL | Template for VID unblock email content | Hi $fullName\_eng, Your VID: $VID is unsuspended. Thank You! |
| HS\_VID\_UNBLOCK\_EMAIL\_SUB | Template for VID unblock email subject | VID unsuspended |
| HS\_VID\_UNBLOCK\_SMS | Template for VID unblock sms | Hi $fullName\_eng, Your VID: $VID is unsuspended. Thank You! |

**Modifications:**

1. Sending notifications after hotlisting (blocking/unblocking) of IDs (UIN/VID)
   1. Created a wrapper class for notification services.
   2. Added email and SMS templates for hoslisting of ids in master.template and master.template\_type table under mosip\_master.
   3. Added required configuartions to mosip configs.

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| --- | --- |
| **Config key** | **Description** |
| hotlist.notification.send | Notification is going to be send or not |
| mosip.notificationtype | Type on notifiaction is going to be send email, SMS or both. |

1. Added description column in hotlis.hotlist and hotlist.hotlist\_h table under mosip\_hotlist.
   1. Description is the reason for the hotlisting.
   2. Modified the DB srcipts present under the path “admin-services\db\_scripts\mosip\_hotlist\ddl”.
   3. Added description field in request and response DTOs and Hotlist and HotlistHistory entities.
2. Appended the reason of hotlisting in the log\_desc(log description) column under audit.app\_audit\_log table under mosip\_audit.