ACR

## Overview

ACR API provides a hashed key that can use to recognize any user MSINDN within any 3rd party application or API. It will protect exposing customer MSIDNs to third parties and provide security.

ACR API supports for following features.

* Provision app
* Create ACR
* Retrieve ACR
* Decode ACR
* Refresh ACR
* Deactivate ACR
* Delete ACR

**Headers**

Authorization-ACR: ServiceKey {ServiceProviderKey}

**URL Pattern**

[HOST]/ {service}/{version}/{ServiceProviderId}/{AppKey}

### APP Provision Service

**Method:** POST

**URL:** http://localhost:8080/acrengine/AppProvisionService/V1/CON001/

**Request**

{"provisionAppRequest" :{

"appName" : "TST App2",

"serviceProviderAppId" : "aq12",

"description" : "Test Messaging app2"

}

}

**Response**

{"provisionAppResponse":{

"serviceProviderID":"CON001",

"description":"Test Messaging app2",

"appName":"TST App2",

"appID":"o42D0K22",

"status":"Successful",

"serviceProviderAppId":"aq12"

}

}

### ACR Create Service

**Method:** POST

**URL:** http://localhost:8080/acrengine/ACRCreateService/V1/CON101/WeETGI1

**Request**

{"createAcrRequest" :{

"MSISDN" : [ "tel:+ 94770000976", "tel:+ 94770000977" ],

}

}

**Response**

{"createAcrResponse" :{

"appID" : " WeETGI1",

"serviceProviderID" : " CON101",

" acrInfo " : [ {

"MSISDN" : "tel:+94770000976",

"acr": "0/p+cjlT61cLr4XMl6pQC3lsTirYLf/C5grwIasdqweteN7S9AIu0Sl8VxbtArrACdopHE3nLIisyMGkE5vkcw==",

“expiry”: ” 31556952000”

},

{

"MSISDN" : "tel:+94770000977",

"acr": "jfsdoifs0sdfkjsdf0sd+sdfsdfoikw/C5grwI5VAv0GNeN7S9AIu0Sl8VxbtArrACdopHE3nLIisyMGkE5vkcw==",

“expiry”: ” 31556952000”

} ]

}

}

### ACR Retrieve Service

**Method:** POST

**URL:** http://localhost:8080/acrengine/ACRRetrieveService/V1/CON101/JUsytu4

**Request**

{"retriveAcrRequest" :{

"MSISDN" : "tel:+94773123456"

}

}

**Response**

{"retriveAcrRequest" :{

"appID" : " JUsytu4",

"serviceProviderID" : " CON101",

"MSISDN" : "tel:+ 94773123456",

"acr" : "0/p+cjlT61cLr4XMl6pQC3lsTirYLf/C5grwI5VAv0GNeN7S9AIu0Sl8VxbtArrACdopHE3nLIisyMGkE5vkcw=="

}

}

### ACR Decode Service

**Method:** POST

**URL:** http://localhost:8080/acrengine/ACRDecodeService/V1/CON001/ K4O8OW6

**Request**

{"decodeAcrRequest" :{

"acr" : "0/p+cjlT61cLr4XMl6pQC3lsTirYLf/C5grwI5VAv0GNeN7S9AIu0Sl8VxbtArrACdopHE3nLIisyMGkE5vkcw==",

}

}

**Response**

{decodeAcrResponse: {

timestamp: "2014-04-17 14:57:37.109",

msisdn: tel:+94773876451,

appId: "K4O8OW6",

providerId: "CON001"

}

}

### ACR Refresh Service

**Method:** POST

**URL:** http://localhost:8080/acrengine/ACRRefreshService/V1/CON101/JUsytu4

**Request**

{"refreshAcrRequest" :{

"acr" : "0/p+cjlT61cLr4XMl6pQC3lsTirYLf/C5grwI5VAv0GNeN7S9AIu0Sl8VxbtArrACdopHE3nLIisyMGkE5vkcw=="

}

}

**Response**

{"refreshAcrResponse" :{

"appID" : " JUsytu4",

"developerID" : " CON101",

"acr" : "0/p+cjlT61cLr4XMl6pQC3lsTirYLf/C5grwI5VAv0GNeN7S9AIu0Sl8VxbtArrACdopHE3nLIisyMGkE5vkcw==",

“expiry” : ”31556952000”,

}

}

### ACR Deactivate Service

**Method:** POST

**URL:** http://localhost:8080/acrengine/ACRDeactivateService/V1/CON101/t6nZE72

**Request**

{"deactivateAcrRequest" :{

"acr" : "oUPWh/0K5Eu9v/g/HD2cPtw9c1X977vzOBroW94Eq42HVn2LCSstiWYzR3yUuAby8fm6idydp+y7hKXeAVFtXA=="

}

}

**Response**

{"deactivateAcrResponse" :{

"appID" : " t6nZE72",

"serviceProviderID" : " CON101",

"MSISDN" : "tel:+94770000976",

"acr" : "oUPWh/0K5Eu9v/g/HD2cPtw9c1X977vzOBroW94Eq42HVn2LCSstiWYzR3yUuAby8fm6idydp+y7hKXeAVFtXA==",

"status" : "deactivated"

}

}

### ACR Delete Service

**Method:** POST

**URL:** http://localhost:8080/acrengine/ACRDeleteService/V1/CON101/t6nZE72

**Request**

{"deleteAcrRequest" :{

"acr" : "oUPWh/0K5Eu9v/g/HD2cPnngGF3+KtXFQoGwiEgEdLFyR/zVtYz8kBIJwFzvJ90SjhYoNcUh3RYsNyeWcd2R/A=="

}

}

**Response**

{"deleteAcrResponse" :{

"appID" : " t6nZE72",

"serviceProviderID" : " CON101",

"acr" : "oUPWh/0K5Eu9v/g/HD2cPnngGF3+KtXFQoGwiEgEdLFyR/zVtYz8kBIJwFzvJ90SjhYoNcUh3RYsNyeWcd2R/A==",

"status" : "deleted"

}

}

### ACR Batch Delete Service

**Method:** POST

**URL:** <http://localhost:8080/acrengine/ACRBatchDeleteService/V1/CON001>

**Implemented on:** 2015-06-11 by Hiranya

**Request**

{"deleteAcrRequest" :{

"MSISDN" : "tel:+94771111121"

}

}

**Response**

{

"deleteAcrResponse": {

"batchSize": "2",

"acrInfo": [

{

"serviceProviderID": "CON001",

"appID": "g6rmr32",

"status": "Successfully Deleted",

"acr": "Us4ibT4Eais8zT8g0FwV9MCjuXSrgq7U8b%2FT0TKGucrJVDqcJuBMXPxhL8itpkJAEQ0H5bhy1RhTxSETKoWd%2BQ%3D%3D"

},

{

"serviceProviderID": "CON001",

"appID": "g6rmr32",

"status": "Successfully Deleted",

"acr": "Us4ibT4Eais8zT8g0FwV9MCjuXSrgq7U8b%2FT0TKGucoxvT4IyuMn7GmU83KnUxZjLm11jxxNSmdVceI6EPi2ig%3D%3D"

}

]

}

}

## Exceptions

Current error response format is as follows

### Service Exceptions

{"requestError": {

"serviceException": {

"messageId": "SVC0002",

"text": " Invalid input value for message part %1",

"variables": " clientCorrelator Value 12345"

}

}}

### Policy Exceptions

{"requestError": {

"policyException": {

"messageId": "POL0001",

"text": "A policy error occurred. Error code is

maxBatchSize exceeded. The maximum allowed maxBatchSize is %1.","variables": "20" }

}}