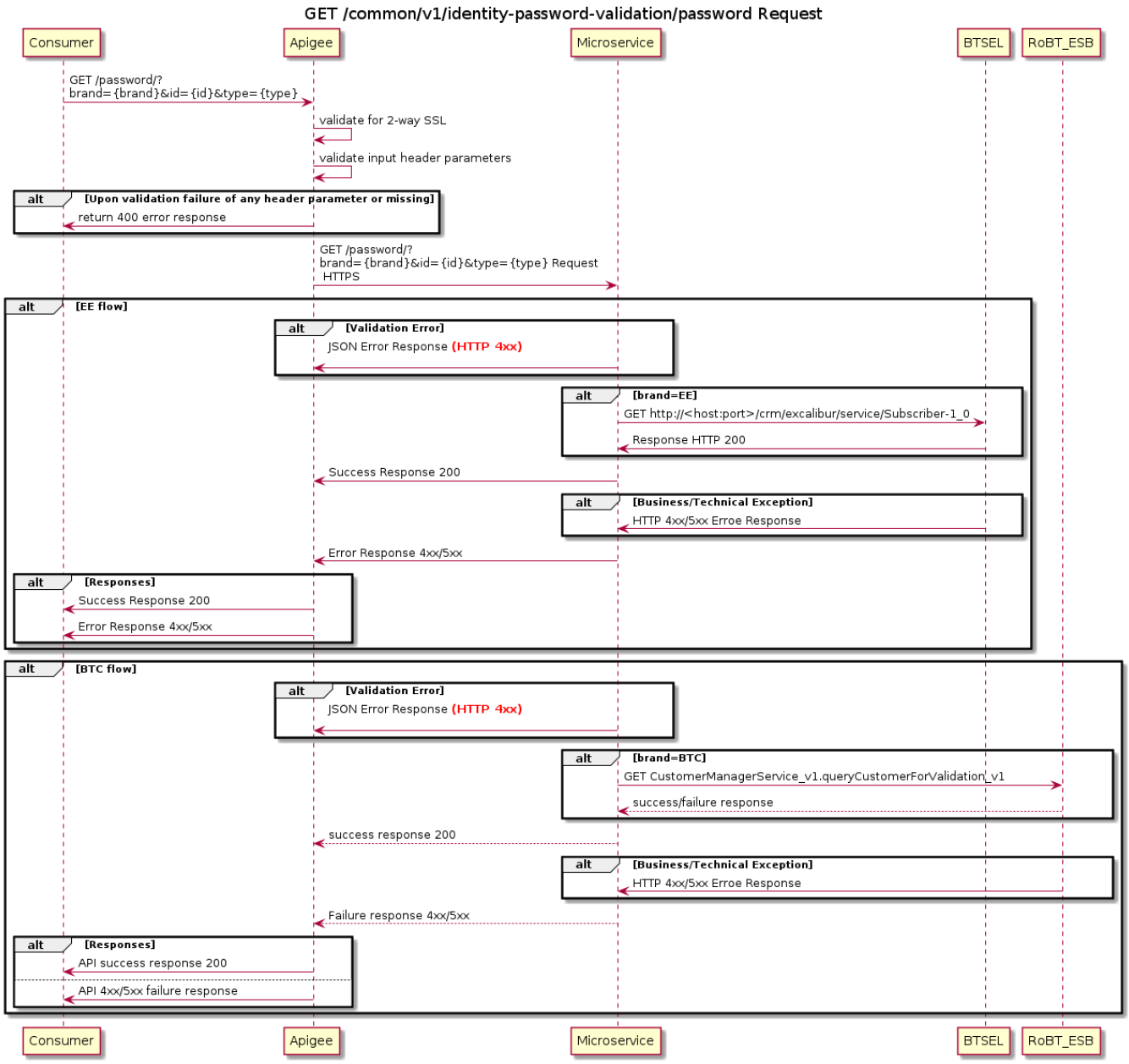
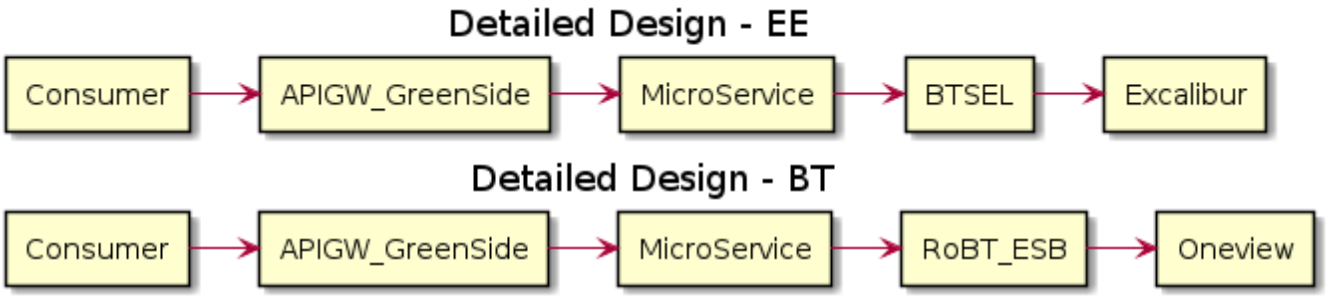
Identity Password Validation API -GET- /common/v1 /identity-password-validation - Mediation

Design Diagrams

Flow



E2E Flow



Parameter Mapping

Authentication

Service Call	Authentication	Comments
BTSEL	Certificate authentication	2-Way SSL mutual authentication

Custom Attributes

Name	Location	Function
NA	NA	NA

Caching

None

Endpoints

Environment	CustomerManagerService. queryCustomerForValidation v1	Subscriber-1_0.getSubscriberAuthenticationDetails
IM-QA		
IM-QA2		
PROD		

Caching

NA

Timeouts

1. Connection timeout to downstream system – 5 sec
2. Read timeout to downstream system – 10 sec

Request

1) CustomerManagerService. queryCustomerForValidation v1

Service Call	Source	Target Parameter	Comments	URL
CustomerManagerService. queryCustomerForValidation v1	Query Variable *id*	Query: customerId	when brand=BT	http://HOST:PORT/RoBTESB/V1 /customervalidation.xml?customerId= {customerId}&STACK=CCP

URL: http://HOST:PORT/RoBTESB/ V1 /customervalidation.xml?customerId={ customerId} &STACK=CCP	-	Query: STACK	Set as "CCP"
	E2E	TransportHeader : **E2EData**	
	-	Headers: Service: queryCustomerForValidation Action: queryCustomerForValidationRequest From: SV & I To: RoBTCMS	BPTM From Header, BPTM To Header, set to RoBTCMS

Response

The below embedded tables show the mapping of input parameters to Target parameters.

Service Call	Source field (Downstream Call)	Microservice Response field	Comments
queryCustomerForValidation Response	customerValidationResponse.customer. passwordLength	password.passwordLength	A string representing the password length.

Sample Requests/Response Payloads

CMS –Sample Request
http://IP:PORT/RoBTESB/V1/customervalidation.xml?customerId={ 76543}& STACK=CCP

CMS- Sample Response

```
CMS- Sample Response HTTP Code: 200 Accept:application/xml

<customerValidationResponse xmlns="http://capabilities.nat.bt.com/xsd/crm/v1/customerValidation" xsi:
schemaLocation="http://capabilities.nat.bt.com/xsd/crm/v1/customerValidation schema.xsd" xmlns:xsi="http://www.
w3.org/2001/XMLSchema-instance">
<customer>
<customerId>string</customerId>
<passwordLength>7</passwordLength>
<VIPCustomerFlag>string</VIPCustomerFlag>
<listOfBillingAccounts>
<billingAccount/>
<billingAccount/>
</listOfBillingAccounts>
<SRDetails>
<SRType>string</SRType>
</SRDetails>
<listOfContacts>
<contact/>
</listOfContacts>
</customer>
</customerValidationResponse>
```

CMS-Response xsd

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2) Subscriber-1_0.getSubscriberAuthenticationDetails

Service Call	Source	Target Parameter	Comments	URL

GetSubscriberAuthenticationDetailsRequest	Query Variable *id*	getSubscriberAuthenticationDetails. Message. msisdn	Represents the subscriber's unique number	
	E2E	TransportHeader : **E2EData**		
		sender	set as "BT-IM-MS"	
		correlationId	unique id for transaction	

Response

Success Response

Service Call	Source field (Downstream Call)	Microservice Response field	Comments
GetSubscriberAuthenticationDetails Request	getSubscriberAuthenticationDetailsResponse. message. passwordLength	password.passwordLength	A string representing the password length.
	getSubscriberAuthenticationDetailsResponse. message. passwordHint	password.passwordHint	String represent password hint as a number

Sample Requests/Response Payloads

BTSEL- Sample Request

```
subscriber –Sample Request
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v1="http://www.
everythingeverywhere.com/crm/excalibur/service/Subscriber/SubscriberRequest/v1.0" xmlns:dat="http://messaging.
ei.tmobile.net/datatypes">
<soapenv:Header/>
<soapenv:Body>
<v1:getSubscriberAuthenticationDetails>
<eiMessageContext2>
<dat:sender>BT-IM-MS</dat:sender>
<dat:correlationId>123456789</dat:correlationId>
</eiMessageContext2>
<message>
<msisdn>447675988345</msisdn>
</message>
</v1:getSubscriberAuthenticationDetails>
</soapenv:Body>
</soapenv:Envelope>
```

BTSEL- Sample Response

```
Subscriber- Success Response-Http status code: 200  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org
/soap/envelope/" xmlns:v1="http://www.everythingeverywhere.com/crm/excalibur/service/Subscriber
/SubscriberResponse/v1.0" xmlns:dat="http://messaging.ei.tmobile.net/datatypes">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:getSubscriberAuthenticationDetailsResponse>
         <eiMessageContext2>
            <!--Optional:-->
            <dat:target>?</dat:target>
            <!--Optional:-->
            <dat:replyTo>?</dat:replyTo>
            <!--Optional:-->
            <dat:requestId>?</dat:requestId>
            <!--Optional:-->
            <dat:timeLeft>?</dat:timeLeft>
            <!--Optional:-->
            <dat:priority>?</dat:priority>
            <!--Optional:-->
            <dat:redelivered>?</dat:redelivered>
            <!--Optional:-->
            <dat:revision>?</dat:revision>
            <dat:sender>?</dat:sender>
            <dat:correlationId>?</dat:correlationId>
            <!--Optional:-->
            <dat:sequenceId>?</dat:sequenceId>
            <!--Optional:-->
            <dat:properties>
               <!--1 or more repetitions:-->
               <dat:property dat:name="?" dat:policy="?" dat:mustUnderstand="false" dat:type="?">?</dat:
property>
            </dat:properties>
         </eiMessageContext2>
         <message>
            <!--Optional:-->
            <notifications>
               <!--1 or more repetitions:-->
               <notification>
                  <code>?</code>
                  <description>?</description>
               </notification>
            </notifications>
            <!--Optional:-->
            <passwordLength>10</passwordLength>
            <!--Optional:-->
            <passwordHint>1</passwordHint>
            <accountPasswordInd>Y</accountPasswordInd>
            <!--Optional:-->
            <authorisedUserDetails>
               <!--1 or more repetitions:-->
               <authorisedUserDetail>
                  <!--Optional:-->
                  <userId>?</userId>
                  <userRole>?</userRole>
                  <userName>?</userName>
                  <passwordLength>?</passwordLength>
                  <passwordHint>?</passwordHint>
                  <isUserAuthorised>?</isUserAuthorised>
               </authorisedUserDetail>
            </authorisedUserDetails>
         </message>
      </v1:getSubscriberAuthenticationDetailsResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

BTSEL- xsd & wsdl

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Error Handling

Service Call	Service Error	HTTP Error Code	Code	Message	Description
Subscriber-1_0.getSubscriberAuthenticationDetails	XML_PARSE_ERROR,XML_PARSER_CONFIG_ERROR, TUX_INVOCATION_FAILED,XML_TRANSFORM_CONFIG_ERROR,XSL XML_TRANSFORM_ERROR,COMPOSITE_SERVICE_LOAD_ERROR, XPATH_COMPILE_ERROR,XPATH_EVALUATION_ERROR, INVALID_CONFIGURATION,FILE_NOT_FOUND_ERROR, TUX_CONN_FACTORY_LOOKUP_ERROR,UNMARSHAL_ERROR, MARSHAL_ERROR,FML_CONVERSION_ERROR,TUX_CONNECTION_FAILED, INVALID_TUX_RESPONSE,SERVICE_EXECUTION_ERROR	503	05	The service is temporarily unavailable	Technical exception from downstream.
	MSISDN_NOT_FOUND	404	60	Resource Not Found	MSISDN not found.
	ACCOUNT_NOT_FOUND				Account not found.
	INVALID_INPUT	400	29	Bad Request	Invalid Input
CustomerManagerService.queryCustomerForValidation v1	HTTP 400	400	29	Bad Request	The client URI cannot be mapped to a valid resource name or hierarchy
	HTTP 403	500	01	Internal Error	Not Authorized
	HTTP 404	404	60	Resource Not Found	The client URI cannot be mapped to a valid ESB URL
	HTTP 500	500	01	Internal Error	For any internal errors like issue when calling the downstream not available or when Service is running at peak utilization.
	HTTP 503	503	05	The service is temporarily unavailable	Service Unavailable

References

File	Modified

No files shared here yet.