**IDName of API:**

Member Product Eligibility Service

**Revision History**

|  |  |  |
| --- | --- | --- |
| **Date** | **Description** | **Author** |
| 11/16/2016 | Version created. | Chester M. Tallud |
| 12/13/2016 | Revisions based on feedback | Chester M. Tallud |
| 12/14/2016 | Incorporated Priya’s revisions. | Chester M. Tallud |
| 12/16/2016 | Updated the response structure to support different search types | Sripriya Thirumeni, Tien Ho and Karthik Muthukrishnan |
| 01/10/2017 | * Added the field length for Population Id in the Response. * Added State Of Issue to the ConsumerDetails.consumerCoverage section in the Response. | Chester M. Tallud |
| 01/11/2017 | * Updated description for Relationship, Gender, Employee Status, Coverage Type, and Market Segment Type fields in response. * Updated Response Samples to have the correct values for the fields with specified valid values | Chester M. Tallud |
| 01/12/2017 | * Took out Request and Response tables. * Added description and field lengths for Consumer Extended Attributes. | Chester M. Tallud |
| 01/13/2017 | * Added the values and descriptions for the Extended Attribute Utility Code in the consumerExtendedAttributes section. | Chester M. Tallud |
| 01/20/2017 | Updated values for Coverage Types, Employee Status, and Market Segment. | Chester M. Tallud |
| 01/30/2017 | * Updated sections in introduction/overview. * Updated description for applyFilters in Request. * Moved ontractNumber in Response from demographics to consumerCoverage. * Added memberPopulation section in Response. * Took out purchaserCd field in Response. * Added sourceCode to consumerCoverage section in Response. * Changed clientLegalName to customerName in consumerCoverage section in Response. * Changed marketSegmentType field to be individualGroupTypeC in consumerCoverage section in Response. * Changed name field in consumerExtendedAttributes section in Response to be typeCode. * Added effectiveDate, cancelDate, coverageType, policyNumber, and sourceCode fields to the consumerExtendedAttributes section in Response. * Updated all json according to the changes. | Chester M. Tallud |
| 01/31/2017 | * Updated some of the verbiage for the descriptions in Request section. * Updated endpoints. | Chester M. Tallud |
| 02/01/2017 | Deleted table listing products. | Chester M. Tallud |

**Description**

The Member Product Eligibility API will be used to return members eligibility and list of wellness products. This API purpose is to eliminate the use of the Portal Configs. Product Eligibility API needs to support following search criteria’s:

1. **Name Search Plus Zipcode**: Request parameters First Name, Last Name, DOB and Zip Code
2. **BIG 5**: Request parameters First Name, Last Name, DOB, Search Id and Contract Number
3. **PERSONID**: Request parameter Person Id
4. **PERSONID Plus Contract Number**: Request parameters Person Id Plus Contract Number for the current phase.

**API accepts filtering attributes**: applyFilter, includeExtendedAttributes

ProfessionalWellnessCoaching set up is complete in BOSS API can support for Q1.

## API Endpoints

Consumers within the UHG network use URLs with DNS name trustbroker-stg-svcs.optum.com for non-production environments and trustbroker-svcs.optum.com for production environments. Consumers external to the UHG network need to use the URLs with DNS name api-stg.optum.com for non-production environments and api.optum.com for production environments**.**

**Note:** All consumers to the ORI API need to implement **OAuth security pattern**.

**Dev Environment**

<https://api-stg.optum.com:8443/api/wpi/dev/member/product/eligibility/v2.0>

<https://trustbroker-stg-svcs.optum.com:8443/api/wpi/dev/member/product/eligibility/v2.0>

**Test Environment**

<https://api-stg.optum.com:8443/api/wpi/test/member/product/eligibility/v2.0>

<https://trustbroker-stg-svcs.optum.com:8443/api/wpi/test/member/product/eligibility/v2.0>

**Stage Environment**

<https://api-stg.optum.com:8443/api/wpi/stage/member/product/eligibility/v2.0>

<https://trustbroker-stg-svcs.optum.com:8443/api/wpi/stage/member/product/eligibility/v2.0>

**Production Environment**

<https://api.optum.com:8443/api/wpi/member/product/eligibility/v2.0>

<https://trustbroker-svcs.optum.com:8443/api/wpi/member/product/eligibility/v2.0>

## Authentication and Authorization

Oauth

Layer 7 is used as a security gateway.

**Resources (for each relevant HTTP Method)**

*TBD*

***Headers***

Accept: application/json

### Layer 7 Security using OAuth

The Fulfillment API will use Layer 7 security using OAuth authentication.  To access this API through Layer 7, a consumer must register on the Optum Developer portal using steps below:

1. Create an OptumID at <https://stg-healthid.optum.com> . Note: this may vary for production access and will be provided later.
2. Send an email to the Optum Developer Support team ([developer@optum.com](mailto:developer@optum.com)) with the OptumID created in step 1 to on-board the application as an API consumer.
3. The Optum Developer Support team will walk consumer through the API subscription process.
4. Consumer must invite an Optum Employee to be part of their organization in Optum Developer.
5. Once onboarding is complete, the consumer must implement the OAuth security pattern within their code to retrieve the client token using the client id, client secret and grant type during each access to the fulfillment API. The  OAuth API end points are below:
   1. Non-Prod Token Service endpoint:  <https://api-stg.optum.com:8443/auth/oauth/v2/token>
   2. Prod Token Service endpoint:    <https://api.optum.com:8443/auth/oauth/v2/token>

This API will return the client token as in sample below:

{

   "access\_token": "e820940c-2459-48de-a4e6-435d378c8374",

   "token\_type": "Bearer",

   "expires\_in": 3800,

   "scope": "default"

}

1. The access token returned by the OAuth API should be passed in the set of custom headers required for the Fulfillment API as below:
   * **Authorization**: Bearer {access\_token}
   * **scope**: read
   * **actor**: default
   * **correlation\_id**: 1234 (Any number used for transactional tracking by layer 7)

**Delivery Contact**

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**Service Level Objective**

Availability/Reliability: 24x7

Latency: < 2 seconds

Planned maintenance window:

Rate Limit (or other abuse mitigation plans that may impact SLO metrics): - TBD

*All individual API SLOs should ideally aggregate into a single SLO for contracted APIs*

*Individual SLOs listed for clarity even though each individual SLO may be identical*

**Authentication and Authorization**

Mutual SSL (prior 8/1)

Refer to Appendix [Layer 7 Security using OAuth](#LAYER_OAuth) for API integration via Security Gateway**.**

**Resources (for each relevant HTTP Method)**

*POST /wellness/product/eligibility/v2.0*

***Headers***

Accept: application/json

***MemberProductEligibilityRequest – Object:***

| **Category** | **Field** | **Description** | **Data Type** |
| --- | --- | --- | --- |
| requestHeader |  |  | Object |
|  | applicationName | A static value needs to be passed as consumer application name (e.g. “RALLY”)  **Required attribute** | String |
|  | transactionId | Unique transaction ID to be passed for every product eligibility request call from API consumers. This field will be a string with no spaces. This unique ID is used for request/response traceability.  **Required attribute** | String |
| consumerDetails |  | **Situational** | Object |
|  | firstName | Member’s First Name.  **Required attribute for BIG 5 and Name Plus Zipcode searches.** | String |
|  | lastName | Member’s Last Name.  **Required attribute for BIG 5 and Name Plus Zipcode searches.** | String |
|  | dateOfBirth | Member’s Date of Birth. Date of Birth format e.g.2014-04-25T00:00:00Z.  **Required attribute for BIG 5 and Name Plus Zipcode searches.** | String |
|  | searchId | Unique identifier (Can be Subscriber ID, Social Security Number, or Alternate ID).  **Required attribute for BIG 5 search only** | String |
|  | contractNumber | Uniquely identifies a member with an insurance company contract.  **Required attribute for BIG 5 and PersonId Plus ContractNumber searches.** | String |
|  | zipCode | Member’s zipcode.  **Required attribute for Name Plus Zipcode search.** | String |
| idSet |  | **Situational** | Object |
|  | personId | Person Id is a unique identifier assigned to the consumer.  **Required attribute for Person Id search**. | Long |
| requestDetails |  | **Required** | Object |
|  | requestType | **This is a required attribute.**  ENUM values should be passed.  “NAME\_SEARCH\_PLUS\_ZIP”, “BIG5”, “PERSONID” and “PERSONID\_PLUS\_CONTRACTNUM BER”  Any other values passed application with return error code.  When requestType is NAME\_SEARCH\_PLUS\_ZIP and any required attributes are not passed, API will return errorCode 400. | String |
|  | eventDate | **This is an optional attribute.**  When this attribute is not passed, application will assign current date as Effective Date.  Effective Date attribute will be used to provide point in time member coverage information and product capabilities. | String  Format YYYY-MM-DDT00:00:00Z e.g. 2016-08-28T00:00:00Z |
|  | searchType | **This is an optional attribute.**  Default is “ALL”  ENUM values should be passed.  “MEMBER”, “PRODUCT” and “ALL”  Any other values passed application with return error code. | String |
| filteringAttributes |  | **Optional** | Object |
|  | applyFilters | **This is an optional attribute.**  *\*\*\* Default is “false”*  **False - Filtering will not be applied to return Golden Record.**  **Rule 1** – Active Coverage (Select Nodes where event date is between the effective date and term date.(inclusive dates)  ==============================  **True - Filters will be applied.**  **Rule 2**  – Policy Number filtering  **Rule 3** – Eligibility Source system filtering Pick (“OP” over “CS”) when both present. Only one source system pass the active coverage list to Rule 4  **Rule 4** – Coverage Type filtering (HC over HS). When “HC” and “HS” are present pick “HC”. If only one coverage type present pass the active coverage list to Rule 5  **Rule 5** – Pick the latest effective date coverage bean  **Rule 6** – Relationship code filtering (Employee over Spouse over Dependent.)  Coverage Type Priority Ranking (HC over HS) | Boolean |
|  | includeExtendedAttribtues | **This is an optional attribute.**  *\*\*\* Default is “false”*  If “true” extended fields received in CDB response will be passed back. | Boolean |

**Sample JSON Request**

**Big 5 Request**

{

"MemberProductEligibilityRequest": {

"requestHeader":{

"applicationName":"RALLY",

"transactionId": "RALLY-09062016-1"

},

"consumerDetails": {

      "firstName": "JANE",

      "lastName": "WOOD",

      "dateOfBirth": "1965-01-01",

      "searchId": "012345678",

      "contractNumber": "36000"

},

"filteringAttributes": {

   "includeExtendedAttributes": true,

“applyFilters” : true

},

"requestDetails": {

"requestType": "BIG5",

"eventDate": "2016-12-12T00:00:00Z",

    "searchType": ”MEMBER”

}

}

}

**Name search + Zip Request**

{

"MemberProductEligibilityRequest": {

"requestHeader":{

"applicationName":"RALLY",

"transactionId": "RALLY-09062016-1"

},

"consumerDetails":{

      "firstName": "JANE",

      "lastName": "WOOD",

      "dateOfBirth": "1965-01-01",

    "zipCode": "90630"

},

"filteringAttributes": {

   "includeExtendedAttributes": true,

“applyFilters” : true

},

"requestDetails": {

"requestType": "NAME\_SEARCH\_PLUS\_ZIP",

"eventDate": "2016-12-12T00:00:00Z",

    "searchType":”MEMBER”

}

}

}

**PersonID Request**

{

"MemberProductEligibilityRequest": {

"requestHeader":{

"applicationName":"RALLY",

"transactionId": "RALLY-09062016-1"

},

"idSet":{

      "personID": 11122213

},

"filteringAttributes": {

   "includeExtendedAttributes": true,

“applyFilters” : true

},

"requestDetails": {

"requestType": "“PERSONID”,

"eventDate": "2016-12-12T00:00:00Z",

    "searchType": ”MEMBER”

}

}

}

**Person Id and Contract Number Request**

{

"MemberProductEligibilityRequest": {

"requestHeader":{

"applicationName":"RALLY",

"transactionId": "RALLY-09062016-1"

},

"consumerDetails":{

      "contractNumber": "36000"

},

"idSet":{

      "personID": 11122213

},

"filteringAttributes": {

   "includeExtendedAttributes": true,

“applyFilters” : true

},

"requestDetails": {

"requestType": "PERSONID\_PLUS\_CONTRACTNUMBER",

"eventDate": "2016-12-12T00:00:00Z",

    "searchType": ”MEMBER”

}

}

}

***MemberProductEligibilityResponse – Object:***

Refer to [response for different search criteria](#Response_DIFF_SEARCH_CRITERIA)

| **Category** | **Field** | **Description** | **Data Type/Field Length (FL)** |
| --- | --- | --- | --- |
| **responseHeader** |  |  |  |
|  | transactionId | Same value sent by consumer on the request will be passed back.  This unique id is used for request/response traceability. | String |
| **consumerDetails** |  | **This value will always be passed in response.** | Array of Object |
| consumerDetails.**demographics** |  | **This value will always be passed in** **response.** | Object |
|  | firstName | Member’s First Name.  **This value will always be passed in response.** | String  FL: 25 characters |
|  | lastName | Member’s Last Name.  **This value will always be passed in response.** | String  FL: 35 characters |
|  | dateOfBirth | Member’s Date of Birth.  Date of Birth e.g.2014-04-25T00:00:00Z.  **This value will always be passed in response.** | String  Format: YYYY-MM-DDT00:00:00Z |
|  | gender | Member’s gender  **This value will be always passed in response.**  Possible Values   | **Value** | **Description** | | --- | --- | | “M” | “MALE” | | “F” | “FEMALE” | | “U” | “UNKNOWN” | | String  FL: 1  character |
|  | relationship | **Member’s relationship to subscriber**.  Note: Relationship attribute values returned by API  **This value will be always passed in response.**   | **Value** | **Description** | | --- | --- | | “000” | “SUBSCRIBER/RECIPIENT” | | “001” | “SPOUSE/DOMESTIC PARTNER” | | “002” | “CHILD/OTHER” | | “003” | “UNKNOWN” | | String  FL: 3  character |
| consumerDetails.**contactDetails** |  | **Situational** | Object |
|  | email | Member’s email Address.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL: 255 characters |
|  | phoneNumber | Member’s Phone Number.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL: 20 characters |
|  | addressLine1 | Member’s address.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL: 55 characters |
|  | addressLine2 | Member’s address.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL: 55 characters |
|  | city | Member’s City.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL: 30 characters |
|  | state | Member’s state.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL: 2 characters |
|  | zipCode | Member’s zip code.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL: 10 characters |
| consumerDetails.**idSet** |  | **This value will be always passed in response.** | Object |
|  | personId | Person Id is a unique identifier assigned to the consumer.  **This value will be always passed in response.** | Long |
|  | subscriberSSN | Primary Subscriber Social Security Number.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL: 15 characters |
|  | memberSSN | Primary Member Social Security Number.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL: 15 characters |
|  | employerAssignedId | Unique Employer identifier.  **This is an optional element in CDB. If available in CDB will be returned as part of response.**  Note: HCIN for WellsFargo will be returned as part of EmployerAssignedID attribute. | String  FL: 15 characters |
|  | subscriberId | Primary card number.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL: 30 characters |
|  | alternateId | SSN for Facets customer Employee ID for Facets customer who does not send SSN.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL: 30 characters |
|  | populationId | BOSS population ID, if available.    **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL : 20 |
| consumerDetails.**memberPopulation** |  | **This is an optional element in CDB. If available in CDB will be returned as part of response.** | Object |
|  | coverageType | **This is an optional element in response.**  This returns member coverage.   | **Value** | **Description** | | --- | --- | | “A” | “ACN,XRAY,LAB,DMEP,HBPC,CHIRO,ACUP,RP,OT,PM,PT,PED” | | “B” | “BEHAVIORAL HEALTH” | | “C” | “CHIROPRACTIC GENERAL” | | “D” | “DENTAL” | | “DC” | “DOCTORS OFFICE COPAY” | | “DD” | ‘DISCOUNT DENTAL” | | “DP” | “DISCOUNT PHARMACY” | | “DS” | “EHB EMBEDDED DENTAL” | | “DV” | “DISCOUNT VISION” | | “E” | “EMPLOYEE ASSISTANCE PROGRAM (E” | | “G” | “GETWELL” | | “HA” | “HEALTH ALLIES” | | “M” | “MEDICAL” | | “MA” | “MATERNITY” | | “MC” | “GENERIC SUPPLEMENTAL MEDICAL” | | “ME” | “GE EXECUTIVE MEDICAL” | | “MH” | “GENERIC SUPPLEMENTAL MEDICAL” | | “MS” | “EXECUTIVE MEDICAL” | | “RX” | “PHARMACY” | | “U” | “URN” | | “V” | “VISION” | | “VE” | “VISION EMBEDDED” | | “VS” | “EHB EMBEDDED VISION” | | “W” | “WORK LIFE” | | String  FL: 2 characters |
|  | populationEffectiveDate | Member is effective against the population id.  Format e.g.2014-04-25T12:00:00Z.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  Format: YYYY-MM-DDT00:00:00Z |
|  | populationCancelDate | Member is terminated against the population id.  Format e.g.2014-04-25T12:00:00Z.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  Format: YYYY-MM-DDT00:00:00Z |
|  | populationId | BOSS population ID, if available.    **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL : 20 |
|  | populationDateAssigned | Format e.g.2014-04-25T12:00:00Z.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  Format: YYYY-MM-DDT00:00:00Z |
| consumerDetails.**consumerCoverage** |  | **Situational** | Object |
|  | employeeStatus | Employee status possible values.  **This is an optional element in CDB. If available in CDB will be returned as part of response.**   | **Value** | **Description** | | --- | --- | | “A” | “ACTIVE” | | “B” | “BANKRUPT” | | “C” | “COBRA” | | “D” | “DISABLED” | | “E” | “EARLY RETIREE” | | “L” | “ON LEAVE” | | “M” | “SOLDIERS AND SAILORS ACT” | | “N” | “ACTIVE MILITARY – USA” | | “R” | “RETIRED” | | “S” | “SURVIVING SPOUSE” | | “T” | “OLD METLIFE – TERMINATED” | | “W” | “WAIVER PREMIUM DUE TO DISABILITY” | | “X” | “CHARGE OFF” | | String  FL: 1 character |
|  | contractNumber | Uniquely identifies a member with an insurance company contract.  **This value will always be passed in response.** | String  FL: 15 characters |
|  | planVariation | This is a four digit value to identify members plan information.  **This is an optional element in CDB. If available in CDB will be returned as part of response.**  e.g “0004” | String  FL: 4 characters |
|  | reportingCode | This is a four digit value to identify members plan information.  **This is an optional element in CDB. If available in CDB will be returned as part of response.**  e.g “0004” | String  FL: 4 characters |
|  | customerName | This is the client customer name from BOSS.  **This is an optional element in response.** | String  FL: 100  characters |
|  | sourceCode | List of source systems  “CS”, “OP”,”AA” | String  FL: 2 characters |
|  | coverageType | **This is an optional element in response.**  This returns member coverage.   | **Value** | **Description** | | --- | --- | | “A” | “ACN,XRAY,LAB,DMEP,HBPC,CHIRO,ACUP,RP,OT,PM,PT,PED” | | “B” | “BEHAVIORAL HEALTH” | | “C” | “CHIROPRACTIC GENERAL” | | “D” | “DENTAL” | | “DC” | “DOCTORS OFFICE COPAY” | | “DD” | ‘DISCOUNT DENTAL” | | “DP” | “DISCOUNT PHARMACY” | | “DS” | “EHB EMBEDDED DENTAL” | | “DV” | “DISCOUNT VISION” | | “E” | “EMPLOYEE ASSISTANCE PROGRAM (E” | | “G” | “GETWELL” | | “HA” | “HEALTH ALLIES” | | “M” | “MEDICAL” | | “MA” | “MATERNITY” | | “MC” | “GENERIC SUPPLEMENTAL MEDICAL” | | “ME” | “GE EXECUTIVE MEDICAL” | | “MH” | “GENERIC SUPPLEMENTAL MEDICAL” | | “MS” | “EXECUTIVE MEDICAL” | | “RX” | “PHARMACY” | | “U” | “URN” | | “V” | “VISION” | | “VE” | “VISION EMBEDDED” | | “VS” | “EHB EMBEDDED VISION” | | “W” | “WORK LIFE” | | String  FL: 2 characters |
|  | coverageEffectiveDate | Coverage Effective Date format e.g.2014-04-25T00:00:00Z.  **This value will be always passed in response.** | String  Format: YYYY-MM-DDT00:00:00Z |
|  | coverageTerminationDate | Coverage Termination Date. e.g.2014-04-25T00:00:00Z.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  Format: YYYY-MM-DDT00:00:00Z |
|  | individualGroupTypeCode | | **Value** | **Description** | | --- | --- | | “KA” | “KEY ACCOUNTS” | | “MM” | “MIDDLE MARKET” | | “SG” | “SMALL GROUP” | | “USS” | “STRATEGIC” | | “000” | “OLD METLIFE DEFAULT VALUE” | | “010” | “OLD METLIFE UNDER 100 LIVES” | | “040” | “OLD METLIFE OVER 10000 LIVES” | | “050” | “OLD METLIFE 100 TO 500 LIVES” | | “060” | “OLD METLIFE 500 to 2000 LIVES” | | “070” | “OLD METLIFE 2000 TO 10000 LIVES” |   This is an optional element in CDB. If available in CDB will be returned as part of response. | String  FL: 3 |
|  | hireDate | Members hire date format e.g.2014-04-25T12:00:00Z.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String |
|  | stateOfIssue | This is used for Small Business membership to derive eligible population.  **This is an optional element in CDB. If available in CDB will be returned as part of response.** | String  FL: 2 |
| consumerDetails.**consumerExtendedAttributes** |  | Is an array of “ecExtended", "elExtended","euExtended":  ecExtended", "elExtended","euExtended" is an array of name and value. | Object |
|  | typeCode | This is the type code for the Coverage Extended Attributes for the member.   | **Value** | **Description** | | --- | --- | | “EC1” | “CES-ELIG-COV-UTILITY-1” | | “EC2” | “CES-ELIG-COV-UTILITY-2” | | “EC3” | “CES-ELIG-COV-UTILITY-3” | | “EU1” | “CES-ELIG-UTILITY-1” | | “EU2” | “CES-ELIG-UTILITY-2” | | “EL1” | “CES-ELIG-LUTILITY-1” | | “EL2” | “CES-ELIG-LUTILITY-2” | | String  FL: 3 |
|  | value | This is the type code value for the Coverage Extended Attributes for the member. | String  FL: 50 |
|  | effectiveDate | effectiveDate format e.g.2014-04-25T00:00:00Z.  **This value will be always passed in response.** | String |
|  | cancelDate | cancelDate format e.g.2014-04-25T00:00:00Z.  **This value will be always passed in response.** | String |
|  | coverageType | **This is an optional element in response.**  This returns member coverage.   | **Value** | **Description** | | --- | --- | | “A” | “ACN,XRAY,LAB,DMEP,HBPC,CHIRO,ACUP,RP,OT,PM,PT,PED” | | “B” | “BEHAVIORAL HEALTH” | | “C” | “CHIROPRACTIC GENERAL” | | “D” | “DENTAL” | | “DC” | “DOCTORS OFFICE COPAY” | | “DD” | ‘DISCOUNT DENTAL” | | “DP” | “DISCOUNT PHARMACY” | | “DS” | “EHB EMBEDDED DENTAL” | | “DV” | “DISCOUNT VISION” | | “E” | “EMPLOYEE ASSISTANCE PROGRAM (E” | | “G” | “GETWELL” | | “HA” | “HEALTH ALLIES” | | “M” | “MEDICAL” | | “MA” | “MATERNITY” | | “MC” | “GENERIC SUPPLEMENTAL MEDICAL” | | “ME” | “GE EXECUTIVE MEDICAL” | | “MH” | “GENERIC SUPPLEMENTAL MEDICAL” | | “MS” | “EXECUTIVE MEDICAL” | | “RX” | “PHARMACY” | | “U” | “URN” | | “V” | “VISION” | | “VE” | “VISION EMBEDDED” | | “VS” | “EHB EMBEDDED VISION” | | “W” | “WORK LIFE” | |  |
|  | policyNumber | Uniquely identifies a member with an insurance company contract.  **This value will always be passed in response.** |  |
|  | sourceCode | List of source systems  “CS”, “OP”,”AA” | String  FL: 2 |
| consumerDetails.**consumerProductDetails** |  | **Situational** | Object |
| product |  |  | Array of Object |
|  | source | **This is an optional element in response.**  Name of the Service Provider.  e.g., Quest, Wellness, Inc., RALLY, Paquin |  |
|  | productEvent1 | **This will be returned in response always.** | String |
|  | productEvent2 | **This is an optional element in response.** | String |
|  | productEvent3 | **This is an optional element in response.** | String |
|  | productEvent4 | **This is an optional element in response.** | String |
|  | productEffectiveDate | **This is an optional element in response.** | String |
|  | productTerminationDate | **This is an optional element in response.** | String |
| exceptionDetail |  |  | Object |
|  | exceptionMessage | Internal exception message identifying the failure. | String |
|  | errorCode | Internal error code associated with the exception/failure. | String |

**Sample JSON when SearchType = “ALL” Response**

{

"MemberProductEligibilityResponse ": {

"responseHeader":{

"transactionId": "RALLY-09062016-1"

},

      "consumerDetails": [{

         "demographics": {

          "firstName": "JANE",

             "lastName": "WOOD",

             "dateOfBirth": "1965-01-01",

             "gender": "M",

             "relationship": "000"

      },

      "contactDetails": {

          "email": "[bev@domain.com](mailto:bev@domain.com)",

          "phoneNumber": "5553231212"

          "addressLine1": "123 SOME ROAD",

          "addressLine2": "XYZ",

          "city": "CITY",

          "state": "AL",

          "zipCode": "36345",

       },

       "idSet": {

          "personId": "123456789",

          "subscriberSSN": "123456789",

          "memberSSN": "123456789",

          "employerAssignedId": "123456789",

          "subscriberId": "123456789",

         "alternateId": "123456789",

          "populationId": "123456789"

       },

"memberPopulation": {

          "coverageType": "M",

          "populationEffectiveDate": "2016-01-01T00:00:00Z",

          "populationCancelDate": "2017-01-01T00:00:00Z",

          "populationId": "123456789",

          "populationDateAssigned": "2017-01-01T00:00:00Z"

       },

       "consumerCoverage": {

           "employeeStatus": "A",

           "contractNumber": "36000",

           "planVariation": "0101",

           "reportingCode": "0004",

           "customerName": "BevCo",

        "sourceCode": "CS",

        "coverageType": "M",

           "coverageEffectiveDate": "2016-01-01T00:00:00Z",

           "coverageTerminationDate": "2016-12-31T00:00:00Z",

           "individualGroupTypeCode": "050",

           "hireDate": "2016-12-31T07:00:00Z",

           "stateOfIssue": "MO"

       },

       "consumerExtendedAttributes": {

           "ecExtended": [

           {

           "typeCode": "ec1",

           "value": "abcd",

"effectiveDate": "2016-01-01T00:00:00Z",

"cancelDate": "2017-01-01T00:00:00Z",

        "coverageType": "M",

           "contractNumber": "36000",

        "sourceCode": "CS"

             },

{

           "name": "ec2",

            "value": "abcd",

"effectiveDate": "2016-01-01T00:00:00Z",

"cancelDate": "2017-01-01T00:00:00Z",

        "coverageType": "M",

           "contractNumber": "36000",

        "sourceCode": "CS"

            }

           ],

           "elExtended": [

            {

              "name": "el1",

            "value": "abcd",

"effectiveDate": "2016-01-01T00:00:00Z",

"cancelDate": "2017-01-01T00:00:00Z",

        "coverageType": "M",

           "contractNumber": "36000",

        "sourceCode": "CS"

              },

{

              "name": "el2",

            "value": "abcd",

"effectiveDate": "2016-01-01T00:00:00Z",

"cancelDate": "2017-01-01T00:00:00Z",

        "coverageType": "M",

           "contractNumber": "36000",

        "sourceCode": "CS"

              }

           ],

           "euExtended": [

              {

              "name": "eu1",

            "value": "abcd",

"effectiveDate": "2016-01-01T00:00:00Z",

"cancelDate": "2017-01-01T00:00:00Z",

        "coverageType": "M",

           "contractNumber": "36000",

        "sourceCode": "CS"

              },

{

              "name": "eu2",

            "value": "abcd",

"effectiveDate": "2016-01-01T00:00:00Z",

"cancelDate": "2017-01-01T00:00:00Z",

        "coverageType": "M",

           "contractNumber": "36000",

        "sourceCode": "CS"

              }

"consumerProductDetails": {

          "product": [

                  {

                  "source": "optum",

                  "productEvent1": "Telephonic Wellness Coaching",

                  "productEvent2": "Exercise",

                  "productEffectiveDate": "2016-01-01T07:00:00Z",

                  "productTerminationDate": "2016-12-31T07:00:00Z"

                  },

{

                  "source": "Alere",

                  "productEvent1": "Quit for Life",

                  "productEffectiveDate": "2016-01-01T07:00:00Z",

                  "productTerminationDate": "2016-12-31T07:00:00Z"

              }

          ]

       }

   }]

}

**Sample JSON when SearchType = “MEMBER” Response**

{

"MemberProductEligibilityResponse ": {

"responseHeader":{

"transactionId": "RALLY-09062016-1"

},

      "consumerDetails": [{

         "demographics": {

          "firstName": "JANE",

             "lastName": "WOOD",

             "dateOfBirth": "1965-01-01",

             "gender": "M",

             "relationship": "000"

      },

      "contactDetails": {

          "email": "[bev@domain.com](mailto:bev@domain.com)",

          "phoneNumber": "5553231212"

          "addressLine1": "123 SOME ROAD",

          "addressLine2": "XYZ",

          "city": "CITY",

          "state": "AL",

          "zipCode": "36345",

       },

       "idSet": {

          "personId": "123456789",

          "subscriberSSN": "123456789",

          "memberSSN": "123456789",

          "employerAssignedId": "123456789",

          "subscriberId": "123456789",

         "alternateId": "123456789",

          "populationId": "123456789"

       },

"memberPopulation": {

          "coverageType": "M",

          "populationEffectiveDate": "2016-01-01T00:00:00Z",

          "populationCancelDate": "2017-01-01T00:00:00Z",

          "populationId": "123456789",

          "populationDateAssigned": "2017-01-01T00:00:00Z"

       },

       "consumerCoverage": {

           "employeeStatus": "A",

           "contractNumber": "36000",

           "planVariation": "0101",

           "reportingCode": "0004",

           "customerName": "BevCo",

        "sourceCode": "CS",

        "coverageType": "M",

           "coverageEffectiveDate": "2016-01-01T00:00:00Z",

           "coverageTerminationDate": "2016-12-31T00:00:00Z",

           "individualGroupTypeCode": "050",

           "hireDate": "2016-12-31T07:00:00Z",

           "stateOfIssue": "MO"

       },

       "consumerExtendedAttributes": {

           "ecExtended": [

           {

           "typeCode": "ec1",

           "value": "abcd",

"effectiveDate": "2016-01-01T00:00:00Z",

"cancelDate": "2017-01-01T00:00:00Z",

        "coverageType": "M",

           "contractNumber": "36000",

        "sourceCode": "CS"

             },

{

           "name": "ec2",

            "value": "abcd",

"effectiveDate": "2016-01-01T00:00:00Z",

"cancelDate": "2017-01-01T00:00:00Z",

        "coverageType": "M",

           "contractNumber": "36000",

        "sourceCode": "CS"

            }

           ],

           "elExtended": [

            {

              "name": "el1",

            "value": "abcd",

"effectiveDate": "2016-01-01T00:00:00Z",

"cancelDate": "2017-01-01T00:00:00Z",

        "coverageType": "M",

           "contractNumber": "36000",

        "sourceCode": "CS"

              },

{

              "name": "el2",

            "value": "abcd",

"effectiveDate": "2016-01-01T00:00:00Z",

"cancelDate": "2017-01-01T00:00:00Z",

        "coverageType": "M",

           "contractNumber": "36000",

        "sourceCode": "CS"

              }

           ],

           "euExtended": [

              {

              "name": "eu1",

            "value": "abcd",

"effectiveDate": "2016-01-01T00:00:00Z",

"cancelDate": "2017-01-01T00:00:00Z",

        "coverageType": "M",

           "contractNumber": "36000",

        "sourceCode": "CS"

              },

{

              "name": "eu2",

            "value": "abcd",

"effectiveDate": "2016-01-01T00:00:00Z",

"cancelDate": "2017-01-01T00:00:00Z",

        "coverageType": "M",

           "contractNumber": "36000",

        "sourceCode": "CS"

              }

   }]

}

**Sample JSON when SearchType = “PRODUCT” Response**

{

"MemberProductEligibilityResponse ": {

"responseHeader":{

"transactionId": "RALLY-09062016-1"

},

      "consumerDetails": [{

         "demographics": {

          "firstName": "JANE",

             "lastName": "WOOD",

             "dateOfBirth": "1965-01-01",

             "gender": "M",

             "relationship": "000"

      },

      "contactDetails": {

          "email": "[bev@domain.com](mailto:bev@domain.com)",

          "phoneNumber": "5553231212"

          "addressLine1": "123 SOME ROAD",

          "addressLine2": "XYZ",

          "city": "CITY",

          "state": "AL",

          "zipCode": "36345",

       },

       "idSet": {

          "personId": "123456789",

          "subscriberSSN": "123456789",

          "memberSSN": "123456789",

          "employerAssignedId": "123456789",

          "subscriberId": "123456789",

         "alternateId": "123456789",

          "populationId": "123456789"

       },

"memberPopulation": {

          "coverageType": "M",

          "populationEffectiveDate": "2016-01-01T00:00:00Z",

          "populationCancelDate": "2017-01-01T00:00:00Z",

          "populationId": "123456789",

          "populationDateAssigned": "2017-01-01T00:00:00Z"

       },

       "consumerCoverage": {

           "employeeStatus": "A",

           "contractNumber": "36000",

           "planVariation": "0101",

           "reportingCode": "0004",

           "customerName": "BevCo",

        "sourceCode": "CS",

        "coverageType": "M",

           "coverageEffectiveDate": "2016-01-01T00:00:00Z",

           "coverageTerminationDate": "2016-12-31T00:00:00Z",

           "individualGroupTypeCode": "050",

           "hireDate": "2016-12-31T07:00:00Z",

           "stateOfIssue": "MO"

       },

"consumerProductDetails": {

          "product": [

                  {

                  "source": "optum",

                  "productEvent1": "Telephonic Wellness Coaching",

                  "productEvent2": "Exercise",

                  "productEffectiveDate": "2016-01-01T07:00:00Z",

                  "productTerminationDate": "2016-12-31T07:00:00Z"

                  },

{

                  "source": "Alere",

                  "productEvent1": "Quit for Life",

                  "productEffectiveDate": "2016-01-01T07:00:00Z",

                  "productTerminationDate": "2016-12-31T07:00:00Z"

              }

          ]

       }

   }]

}

**Sample Exception Response**

{

" MemberProductEligibilityResponse": {

    "exceptionDetail" : {

      "exceptionMessage" : "Access Denied: Input policy not associated to same client group",

      "errorCode" : 200

    }

  }

}

***HTTP Status Codes***

|  |  |
| --- | --- |
| **Code** | **Description** |
| 200 OK | The response was successful |
| 400 Bad Request | The input parameters are not set correctly or are missing. |
| 404 Not Found | No matching resource for Request URI |
| 500 Internal Server Error | Some portion of the execution engine failed to operate. |

***Application Error Codes***

| **Error Code** | **Exception Message** | **Description** |
| --- | --- | --- |
| 150 | Unable to verify eligibility | Member Not Found in CDB. |
| 151 | No Eligibility Records Found as of date | Event Date is outside Eligibility Coverage Dates. |
| 152 | Multiple Consumers Found | CDB returns Multiple Members associated to the consumer identifier |
| 153 | Event Date in the future | When event date passed is a future date |
| 155 | Downstream System Failure | When downstream data services are not available. |
|  |  |  |
| 400 | Bad request. Incorrect or Missing required data. | Generic Error Message, for the required elements check for all the service operations. |
|  |  |  |
| 304 | Generic Exception | Unexpected runtime exception. |
| 306 | Search Type Not supported | Request did not pass the configured search type. |
| 307 | Request Type Not supported | Request did not pass the configured request type. |
| 160 | UPM did not return Health Service and Eligibility Nodes | Error code will be returned when the member is found but no coverage information is returned. |
| 500 | Error occurred while fulfilling request | API response could not be created. |