# Test Report Address API

# Address API

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|  | | |  | **Test Plan** | | **Test Results** | |
| **ID** | **Operation** | **Scenario Description** | **Scenario Type** | **Applicable**  **(Y / N)** | **Exclusion Reason** | **Pass / Fail** | **Notes** |
| **POST / Create Address Success Scenarios** | | | | | | | |
| MOCK-ADDRESS-001 | CREATE | User can successfully create a mailing address using Customer IRD (IRD) with mandatory attributes only  { "CustomerID": "139369823", "CustomerIDType": "IRD", "Type": "MAL", "Address": { "Country": "MX", "City": "Colima", "Street": "Baja California" } } | Success |  |  |  |  |
| MOCK-ADDRESS-002 | CREATE | User can create an address with valid customerID and IDType as (CST)  { "CustomerID": "1512100301", "CustomerIDType": "CST", "Type": "MAL", "Address": { "Country": "US", "City": "Washington", "State": "US-CA", "Street": "1258 Avenue", "PostCode": "90210-0800" } } | Success |  |  |  |  |
| MOCK-ADDRESS-003 | CREATE | User can create a NZ address with DPID at account level  {  "AccountID": "139369823INC002",  "AccountIDType": "ACC",  "Type": "PRFMAL",  "NewZealand": {  "DPID": 827994,  "Attention": "Bilbo Baggins"  } } | Success |  |  |  |  |
| MOCK-ADDRESS-004 | CREATE | Customer with both Physical and Mailing Address gets both Address types in the response  { "CustomerID": "069096409", "CustomerIDType": "IRD" } | Success |  |  |  |  |
| MOCK-ADDRESS-005 | CREATE | User can create an unverified New Zealand address using Customer Account (ACC) containing mandatory and optional attributes  { "AccountID": "132243158INC002", "AccountIDType": "ACC", "Address": { "District": "Wellington", "Country": "NZ", "City": "Wellington", "SubProvince": "Wellington", "Street2": "Hataitai", "Street": "Evans Bay Parade", "PostCode": "5512", "SubDistrict": "Wellington", "Unit": "258 PIER", "Attention": "Salma Hayek", "Urbanisation": "Wellington" }, "Type": "PRFMAL" }Another example Account: 139369673REB001 | Success |  |  |  |  |
| MOCK-ADDRESS-006 | CREATE | User can create a new International address using Customer Account (ACC) containing mandatory and optional attributes  { "AccountID": "132243158INC002", "AccountIDType": "ACC", "Address": { "SubDistrict": "District9", "District": "Mexico City", "Country": "MX", "Unit": "BLDG 1258", "City": "Calimo", "SubProvince": "Mexico", "Attention": "Salma Hayek", "Street2": "Marquette Avenue", "Street": "Symphony Place", "PostCode": "4375" }, "Type": "PRFLOC" } | Success |  |  |  |  |
| MOCK-ADDRESS-007 |  | User can create an account level address using IDType: CMPF  { "AccountID": "AS/1234", "AccountIDType": "CMPF", "Type": "PRFMAL", "Address": { "Country": "MX", "City": "Mexico City", "Street": "1258 Avenue" } } |  |  |  |  |  |
| MOCK-ADDRESS-008 |  | User can successfully create an account level address using IDType: KSF  { "AccountID": "KSS/12345", "AccountIDType": "KSF", "Type": "PRFMAL", "Address": { "Country": "MX", "City": "Mexico City", "Street": "1258 Avenue" } } |  |  |  |  |  |
| **PUT / Update Address Error Scenarios** | | | | | | | |
| MOCK-ADDRESS-009 | UPDATE | [User can update customer address](https://jenkinscje.nsp.ird.govt.nz/job/Automated_Testing/view/1_TEST/job/GWS_C121.11_Address_NZT_Regression/lastSuccessfulBuild/artifact/52/build/cucumber-reports/cucumber-results-agg-test-results.html#sc-8-address---update-address-for-account-or-customer-records;[aut-pos-020]-tax-agent-linked-to-a-secondary-client-list-customer-can-successfully-update-customer-address) with mandatory fields  {  "AddressID": 5341463520,  "Address": {  "Country": "GB",  "City": "London",  "Street": "221B Baker Street"  } } | Success |  |  |  |  |
| MOCK-ADDRESS-010 | UPDATE | [User can update address](https://jenkinscje.nsp.ird.govt.nz/job/Automated_Testing/view/1_TEST/job/GWS_C121.11_Address_NZT_Regression/lastSuccessfulBuild/artifact/52/build/cucumber-reports/cucumber-results-agg-test-results.html#sc-41-address---update-address-for-account-or-customer-records;[aut-pos-030]-payroll-intermediary-linked-to-customer-at-account-level-can-update-address) with optional fields.  { "AddressID": 1004733565010, "Address": { "District": "District9", "Country": "US", "City": "Kansas", "SubProvince": "Province", "UnitType": "UNIT", "Street2": "12345", "Street": "1234 221B Baker Street", "PostCode": "90210-0800", "SubDistrict": "SubDistrict9", "Unit": "1", "Attention": "Dr Strange", "State": "US-AK" } } | Success |  |  |  |  |
| MOCK-ADDRESS-011 | UPDATE | A valid DPID (Delivery Point Identifier) can successfully be used to update an existing account address to NZ address  {  "AddressID": 1004733565010,  "NewZealand": {  "DPID": 827994  } } | Success |  |  |  |  |
| **DELETE / Delete Address Success Scenarios** | | | | | | | |
| MOCK-ADDRESS-012 | DELETE | User can successfully delete an address.  { "AddressID": 1004722686772 }  Other example "AddressID": 1004733444322 | Success |  |  |  |  |
| **ERROR Address Scenarios** | | | | | | | |
| MOCK-ADDRESS-013 | CREATE / UPDTE / DELETE | User receives an error “HTTP Response Status: 400” when the supplied JWT or OAUTH token is invalid / expired.  "errors": [          {              "code": "EV1020",              "type": "security",              "message": "Authentication failure means the token (JWT or OAuth) provided is not valid"          }      ] | Failure |  |  |  |  |
| MOCK-ADDRESS-014 | CREATE / UPDTE / DELETE | User receives an error “HTTP Response Status: 400” when there is a missing JWT or OAUTH token in the request header.  "errors": [          {              "code": "EV1021",              "type": "security",              "message": "No OAuth or JWT token is present as an HTTP header"          }      ] | Failure |  |  |  |  |
| MOCK-ADDRESS-015 | CREATE | User receives an error when the account type used is not eligible for the Service  Example payload and Response  { "AccountID": "132243158KSS004", "AccountIDType": "ACC" }  Response:  "errors": [  {  "code": "ACT100",  "type": "validation",  "message": "This account type is not eligible to be used in this service."  }  ] } | Failure |  |  |  |  |
| MOCK-ADDRESS-016 | CREATE | User should not be able to create a physical address at customer level e.g. LOC  Example payload and Response  { "CustomerID": "139369823", "CustomerIDType": "IRD", "Type": "LOC", "Address": { "Country": "NZ", "City": "Wellington", "Street": "2 Hunter Street", "PostCode": "5012" } }  Response:  { "errors": [ { "code": "ADR101", "type": "validation", "message": "There is an existing address of this type." } ] } | Failure |  |  |  |  |
| MOCK-ADDRESS-017 | CREATE | User receives an error “ADR102- The address provided is invalid” on attempting to create address request with an invalid UnitType at account level  { "AccountID": "132245746INC002", "AccountIDType": "ACC", "Type": "PRFMAL", "Address": { "Country": "NZ", "Unit": "2", "City": "Wellington", "UnitType": "APT", "Street": "Hunter Street", "PostCode": "6011" } } | Failure |  |  |  |  |
| MOCK-ADDRESS-018 | UPDATE | User receives an error “ADR102 -The address provided is invalid” on attempting to update address request with an invalid NZ address (invalid UnitType)  { "AddressID": 1004722686772, "Address": { "Country": "NZ", "City": "Wellington", "Street": "1258 Avenue", "UnitType": "DEPT", "PostCode": "5012" } } | Failure |  |  |  |  |
| MOCK-ADDRESS-019 | CREATE | Create NZ address with an invalid DPID (Delivery Point Identifier) results in error response ADR103 The DPID provided is invalid.  { "CustomerID": "139369673", "CustomerIDType": "IRD", "NewZealand": { "DPID": 82794 }, "Type": "MAL" } | Failure |  |  |  |  |
| MOCK-ADDRESS-020 | UPDATE | Update NZ address with an invalid DPID (Delivery Point Identifier) results in error response ADR103 The DPID provided is invalid.  { "AddressID": 1004722686772, "NewZealand": { "DPID": 82794 } } | Failure |  |  |  |  |
| MOCK-ADDRESS-021 | CREATE | User receives an error “HTTP Response Status: 400” when the IRD number is invalid  "errors": [          {              "code": "EV2234",              "type": "validation",              "message": "IR number failed check digit"          }      ]  E.g. IRD = 123456789 | Failure |  |  |  |  |
| MOCK-ADDRESS-022 | CREATE | User receives an error “EV1100” when the request body has an invalid input parameter. E.g.: Invalid Account Type or Invalid Account ID or Invalid CustomerIDType  { "AccountID": "132243050INC003", "AccountIDType": "ABC" }  OR  { "AccountID": "", "AccountIDType": "ACC" }  OR { "CustomerID": "069096409", "CustomerIDType": "ACC" }  "errors": [          {              "code": "EV1100",              "type": "validation",              "message": "Invalid input parameters. Please check documentation"          }      ] | Failure |  |  |  |  |
| MOCK-ADDRESS-023 | CREATE | User receives an error “EV1100” when the request body has a missing mandatory field. E.g.: Street  { "AccountID": "132243158INC002", "AccountIDType": "ACC", "Address": { "SubDistrict": "Wellington", "District": "Wellington", "Country": "NZ", "Unit": "258 PIER", "City": "Wellington", "SubProvince": "Wellington", "Attention": "Salma Hayek", "Street2": "Hataitai", "Urbanisation": "Wellington", "PostCode": "5512" }, "Type": "PRFMAL" } | Failure |  |  |  |  |
| MOCK-ADDRESS-024 | CREATE | User receives an error “EV1100” when the request body has a field exceeding the maximum length.  { "AccountID": "132243158INC002", "AccountIDType": "ACC", "Type": "PRFMAL", "Address": { "Country": "CA", "Unit": "1343434343434343434343433535454", "City": "Qubec", "UnitType": "BLDG", "Street": "221B Baker Street", "PostCode": "K8N 5W6" } } | Failure |  |  |  |  |
| MOCK-ADDRESS-025 |  | User receives an error “EV1100” when the request body has an address with both unverified and DPID in the same payload  { "AccountID": "132243158INC002", "AccountIDType": "ACC", "Type": "PRFMAL", "Address": { "Country": "NZ", "City": "Wellington", "Street": "2 Hunter Street", "PostCode": "5512" }, "NewZealand": { "DPID": 827994 } } | Failure |  |  |  |  |
| MOCK-ADDRESS-026 | UPDATE | User receives an error EV1100 on updating international address with missing required field.  { "AddressID": 1004733565010, "Address": { "State": "AU-NSW", "Country": "AU", "City": "NewSouthWales", "Street": "1234 South Court", "PostCode": "4375" } } | Failure |  |  |  |  |
| MOCK-ADDRESS-027 |  | User receives an error EV1100 updating New Zealand verified address without DPID (Delivery Point Identifier)  { "AddressID": 1004733565010, "NewZealand": {  } } | Failure |  |  |  |  |
| MOCK-ADDRESS-028 | CREATE / UPDTE / DELETE | User receives an error “HTTP Response Status: 400” when the record could not be located. E.g.: IRD or CST number in the request payload does not exist.  "errors": [          {              "code": "CST404",              "type": "validation",              "message": "A record could not be located for the given identifier."          }      ]  E.g.: 139385764 | Failure |  |  |  |  |
| MOCK-ADDRESS-029 | UPDTE / DELETE | User receives an error “HTTP Response Status: 403” when the web token does not have access to the Customer IRD      "errors": [          {              "code": "EV1022",              "type": "security",              "message": "Access is not permitted for the requester to perform this operation for the submitted identifier"          }      ]  Example for update or Delete, Address ID is 1004785546432 | Failure |  |  |  |  |

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