# Test Report Contact API

# Contact 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 Contact Success Scenarios** | | | | | | | |
| MOCK-CONTACT-001 | CREATE | User is able to create a contact at a customer level by providing the IRD number.  Request:  {  "CustomerID": "069096409",  "CustomerIDType": "IRD",  "Contact": {  "ContactType": "SCNDRY",  "Name": "New new Gateway",  "Phone": [  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  ]  }  } | Success |  |  |  |  |
| MOCK-CONTACT-002 | CREATE | User is able to create a contact at a customer level by providing the CST number.  Request:  {  "CustomerID": "1512100301",  "CustomerIDType": "CST",  "Contact": {  "ContactType": "SCNDRY",  "Name": "New new Gateway",  "Phone": [  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  ]  }  } | Success |  |  |  |  |
| MOCK-CONTACT-003 | CREATE | User is able to create a contact at an account level by providing the AccountID.  Request:  {  "AccountID": "512100301INC003",  "AccountIDType": "ACC",  "Contact": {  "ContactType": "SCNDRY",  "Name": "New new Gateway",  "Phone": [  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  ]  }  } | Success |  |  |  |  |
| **PUT / Update Contact Success Scenarios** | | | | | | | |
| MOCK-CONTACT-004 | UPDATE | User is able to update a contact name for a customer.  Request:  {  "ContactID": 1295148032,  "Contact": {  "Name": "UpdatedName"  }  } | Success |  |  |  |  |
| **DELETE / Delete Contact Success Scenarios** | | | | | | | |
| MOCK-CONTACT-005 | DELETE | User is able to delete a contact for a customer.    Request:  { "ContactID": 1295148032 } | Success |  |  |  |  |
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| **POST / Create Phone Success Scenarios** | | | | | | | |
| MOCK-CONTACT-006 | CREATE | User is able to create a new phone number on an existing customer contact.  Request:  {  "ContactID": 1295148032,  "Phone": {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  } | Success |  |  |  |  |
| **PUT / Update Phone Success Scenarios** | | | | | | | |
| MOCK-CONTACT-007 | UPDATE | User is able to update a phone number on an existing customer contact.  Request:  {  "PhoneID": 1004734460042,  "Phone": {  "Country": "NZ",  "PhoneNumber": "027789032",  "PhoneType": "CELL"  }  } | Success |  |  |  |  |
| **DELETE / Delete Phone Success Scenarios** | | | | | | | |
| MOCK-CONTACT-008 | DELETE | User is able to delete a phone number on an existing customer contact.    Request:  { "PhoneID": 9004732142020 } | Success |  |  |  |  |

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| **Contact Error Scenarios** | | | | | | | |
| MOCK-CONTACT-009 | CREATE | User receives an error "ACT100 - This account type is not eligible to be used in this service” when attempting to create a contact request for an ineligible type of AccountID.  Request:  {  "AccountID": "132243158KSS004",  "AccountIDType": "ACC",  "Contact": {  "ContactType": "SCNDRY",  "Name": "New new Gateway",  "Phone": [  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  ]  }  } | Failure |  |  |  |  |
| MOCK-CONTACT-010 | CREATE | User receives an error "CNT101 -There is an existing contact of this type" when attempting to create a contact for a type already present in the system.  Request:  {  "CustomerID": "069096409",  "CustomerIDType": "IRD",  "Contact": {  "ContactType": "PRIMRY",  "Name": "New new Gateway",  "Phone": [  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  ]  }  } | Failure |  |  |  |  |
| MOCK-CONTACT-011 | CREATE | User receives an error “CNT102 - The phone number provided is invalid" when creating a contact containing non-numeric characters for the phone number’s AreaCode.  Request:  {  "CustomerID": "069096409",  "CustomerIDType": "IRD",  "Contact": {  "ContactType": "SCNDRY",  "Name": "New new Gateway",  "Phone": [  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "O2",  "PhoneNumber": "044451153",  "Extension": ""  }  ]  }  } | Failure |  |  |  |  |
| MOCK-CONTACT-012 | CREATE | User receives error "CNT103 - There must be between 1 and 5 phone numbers on a contact” when creating a contact containing an invalid number of phone numbers.  Request:  {  "CustomerID": "069096409",  "CustomerIDType": "IRD",  "Contact": {  "ContactType": "SCNDRY",  "Name": "New new Gateway",  "Phone": [  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  },  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  },  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  },  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  },  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  },  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  ]  }  } | Failure |  |  |  |  |
| MOCK-CONTACT-013 | CREATE | User receives an error "CST404 - A record could not be located for the given identifier" when the identifier used in the payload (e.g. ContactID) does not exist in the system.  Requests:  {  "ContactID": 1234,  "Phone": {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  } | Failure |  |  |  |  |
| MOCK-CONTACT-014 | CREATE | User receives an error "EV1022 - Access is not permitted for the requester to perform this operation for the submitted identifier" when they do not have access permission to the submitted identifier (e.g. AccountID).  Request:  {  "AccountID": "102210221INC002",  "AccountIDType": "ACC",  "Contact": {  "ContactType": "SCNDRY",  "Name": "New new Gateway",  "Phone": [  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  ]  }  } | Failure |  |  |  |  |
| MOCK-CONTACT-015 | CREATE | User receives an error "EV2234 - IR number failed check digit" when the request body contains a modulus check failed IRD number.  Request:  {  "CustomerID": "123456789",  "CustomerIDType": "IRD",  "Contact": {  "ContactType": "SCNDRY",  "Name": "New new Gateway",  "Phone": [  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  ]  }  } | Failure |  |  |  |  |
| MOCK-CONTACT-016 | CREATE | User receives an error “EV1100 - Invalid input parameters. Please check documentation” when the request body contains an invalid CustomerIDType.  Example Payload:  {  "CustomerID": "069096409",  "CustomerIDType": "IRN",  "Contact": {  "ContactType": "SCNDRY",  "Name": "New new Gateway",  "Phone": [  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  ]  }  } | Failure |  |  |  |  |
| MOCK-CONTACT-017 | CREATE | User receives an error "EV1020 - Authentication failure means the token (JWT or OAuth) provided is not valid" when the supplied JWT or OAUTH token is either invalid or expired.  Request Headers:  "Authorization": "{Expired AccessToken}"  Request:  {  "CustomerID": "132243158",  "CustomerIDType": "IRD",  "Contact": {  "ContactType": "SCNDRY",  "Name": "New new Gateway",  "Phone": [  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  ]  }  } | Failure |  |  |  |  |
| MOCK-CONTACT-018 | CREATE | User receives an error "EV1021 - No OAuth or JWT token is present as an HTTP header" when there is a missing authorization token in the request header.  Request Headers:  Request:  {  "CustomerID": "132243158",  "CustomerIDType": "IRD",  "Contact": {  "ContactType": "SCNDRY",  "Name": "New new Gateway",  "Phone": [  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  ]  }  } | Failure |  |  |  |  |
| MOCK-CONTACT-019 | CREATE | User receives an error “CNT102 - The phone number provided is invalid" when creating a contact containing non-numeric characters for the phone number’s AreaCode.  Request:  {  "CustomerID": "069096409",  "CustomerIDType": "IRD",  "Contact": {  "ContactType": "SCNDRY",  "Name": "New new Gateway",  "Phone": [  {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "O2",  "PhoneNumber": "044451153",  "Extension": ""  }  ]  }  } | Failure |  |  |  |  |

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| **Phone Error Scenarios** | | | | | | | |
| MOCK-CONTACT-020 | CREATE | User receives an error "CNT102 - The phone number provided is invalid" when creating a new phone number on an existing customer contact, and an AreaCode is not provided for a country that requires an area code.  Request:  {  "ContactID": 1295148032,  "Phone": {  "PhoneType": "BSN",  "Country": "AU",  "AreaCode": "",  "PhoneNumber": "044451153",  "Extension": ""  }  } | Failure |  |  |  |  |
| MOCK-CONTACT-021 | CREATE | User receives an error "CNT102 - The phone number provided is invalid" when creating a new phone number on an existing customer contact, and an AreaCode is provided for a NZ phone number.  Request:  {  "ContactID": 1295148032,  "Phone": {  "PhoneType": "BSN",  "Country": "NZ",  "AreaCode": "04",  "PhoneNumber": "044451153",  "Extension": ""  }  } | Failure |  |  |  |  |