**Improv-Control APIs**

|  |  |
| --- | --- |
| URL: improv-control.gcp.brightspeed.com | |
|  |  |
| **Request** | **Response** |
| **Create Account** |  |
| /improv/createAccount |  |
| {  "ImprovAccountRequest": {    "callingSystemName": "SF",      "correlationId": "000051773",      "services": [          {              "name": "DSL",              "tn": "1889999901",              "parameters": [                  {                      "name": "Line",                      "value": "Routing\_gpon"                  },                  {                      "name": "Line-Encap",                      "value": "IPoE"                  },                  {                      "name": "isBonded",                      "value": "0"                  },                  {                      "name": "Speed",                      "value": "200M/200M"                  }              ]          }      ],      "userAccount": {          "orgId": "biwfiber",          "classOfService": "BIWFR",          "customerName": "RoxtestJulytwentyeightC, FibJulytwentyeightC",          "ensembleBAN": "0018362",          "platformId": "CTX\_KLLN",          "companyOwner": "4"      }  }  } | {      "ImprovAccountResponse": {          "correlationId": "000051773",          "serviceResponses": [              {                  "names": [                      "DSL"                  ],                  "tns": [                      "1889999901"                  ],                  "message": {                      "status": "SUCCESS",                      "source": "IMPROV",                      "message": "New UserAccount created successfully!"                  }              }          ],          "id": "roxtestjulytw934",          "password": "sJo8OOcM",          "encryptedPassword": "PiLzkRSBSPo0Y"      }  } |
|  |  |
| /improv/updateUserAccount |  |
| **Update(Speed Change)** |  |
| {"ImprovAccountRequest": {    "callingSystemName": "TOM",    "correlationId": "000051773",    "services": [      {        "action": "UPDATE",        "name": "DSL",        "parameters": [          {            "name": "Speed",            "value": "500M/500M"          }        ],        "tn": "1889999901"      }    ]  }  } | {      "ImprovAccountResponse": {          "correlationId": "000051773",          "serviceResponses": [              {                  "names": [                      "DSL"                  ],                  "tns": [                      "1889999901"                  ],                  "message": {                      "status": "SUCCESS",                      "source": "IMPROV",                      "message": "User Account updated successfully!"                  }              }          ]      }  } |
| **Update(Put in Walled-Garden)** |  |
| {"ImprovAccountRequest": {    "callingSystemName": "SF",    "correlationId": "000051773",    "services": [      {        "action": "UPDATE",        "name": "DSL",        "parameters": [          {            "name": "Walled-Garden",            "value": "BIWF/NonPayment"          }        ],        "tn": "1889999901"      }    ]  }  } | {      "ImprovAccountResponse": {          "correlationId": "000051773",          "serviceResponses": [              {                  "names": [                      "DSL"                  ],                  "tns": [                      "1889999901"                  ],                  "message": {                      "status": "SUCCESS",                      "source": "IMPROV",                      "message": "User Account updated successfully!"                  }              }          ]      }  } |
|  |  |
| **Update(Remove from walled-garden)** |  |
| {"ImprovAccountRequest": {    "callingSystemName": "SF",    "correlationId": "000051773",    "services": [      {        "action": "REMOVE",        "name": "DSL",        "parameters": [          {            "name": "Walled-Garden",            "value": "BIWF/NonPayment"          }        ],        "tn": "1889999901"      }    ]  }  } | {      "ImprovAccountResponse": {          "correlationId": "000051773",          "serviceResponses": [              {                  "names": [                      "DSL"                  ],                  "tns": [                      "1889999901"                  ],                  "message": {                      "status": "SUCCESS",                      "source": "IMPROV",                      "message": "User Account updated successfully!"                  }              }          ]      }  } |
|  |  |
| **findUser** |  |
| /improv/findUser?WTN=1889999901 | {      "RequesteduserNameDetail": {          "ISPProvisioningDetail": {              "ImprovClassCode": "BIWFR",              "ImprovClassDesc": "",              "ConfigDetail": {                  "RequestedUserNameId": "55f384ec-df47-103c-8f16-31d6370cba80",                  "OrgId": "biwfiber",                  "AuthenticationId": "roxtestjulytw934",                  "EncryptedAuthenticationPassword": "PiLzkRSBSPo0Y",                  "PlatformCode": "CTX\_KLLN",                  "CustomerName": {                      "GenericName": "RoxtestJulytwentyeightC, FibJulytwentyeightC"                  },                  "WTN": "1889999901",                  "ImprovGroup": "biwfr",                  "ForeignKey": "0018362",                  "PrimaryDNS": "205.171.3.65",                  "SecondaryDNS": "205.171.2.65",                  "PopMailServerName": "POP.KLLN.qwest.net",                  "WebServerName": "www.qwest.net",                  "SMTPServerName": "mail.KLLN.qwest.net",                  "ISDNGatewayIPAddress": "1.1.1.1",                  "NNTPServerName": "news.qwest.net",                  "Email": "roxtestjulytw934@qwest.net"              },              "SvcDetail": {                  "DSLInfo": {                      "CircuitId": "",                      "VPI": "",                      "VCI": "",                      "TransmissionRate": "500M/500M",                      "BCID": "",                      "DSLAM-SSP": "",                      "DslamSsp": "",                      "EncodingMethod": "",                      "LineAccessType": "Routing\_gpon",                      "WalledGardenName": "",                      "Policy": "",                      "DNSRedirect": "",                      "AdCtrl": "",                      "IpProto": "",                      "LineEncap": "IPoE",                      "IsBonded": "FALSE"                  },                  "StaticIPv6BlockInfo": {                      "StaticIPv6BlockSize": "",                      "FirstSubnet": "",                      "LastSubnet": ""                  },                  "StaticIPBlockInfo": {                      "CidrPrefix": "",                      "StaticIPBlockSize": "",                      "NetworkIPAddress": "",                      "FirstSubnet": "",                      "LastSubnet": "",                      "SubnetMask": "",                      "Gateway": ""                  }              }          },          "PrimaryuserName": {              "AuthenticationId": "roxtestjulytw934",              "userNameId": "55f384ec-df47-103c-8f16-31d6370cba80",              "CustomerName": {                  "GenericName": "RoxtestJulytwentyeightC, FibJulytwentyeightC"              },              "ActiveFlag": **true**,              "DefaultEmailBoxCnt": "",              "DefaultWebhostSize": ""          }      }  } |
|  |  |
|  |  |
| /improv/getWtnByUsername?username=roxtestjulytw934 | {"userName":"roxtestjulytw934","WTN":"1889999901"} |
|  |  |
| /improv/findUser?username=roxtestjulytw934 | {      "RequesteduserNameDetail": {          "ISPProvisioningDetail": {              "ImprovClassCode": "BIWFR",              "ImprovClassDesc": "",              "ConfigDetail": {                  "RequestedUserNameId": "55f384ec-df47-103c-8f16-31d6370cba80",                  "OrgId": "biwfiber",                  "AuthenticationId": "roxtestjulytw934",                  "EncryptedAuthenticationPassword": "PiLzkRSBSPo0Y",                  "PlatformCode": "CTX\_KLLN",                  "CustomerName": {                      "GenericName": "RoxtestJulytwentyeightC, FibJulytwentyeightC"                  },                  "WTN": "1889999901",                  "ImprovGroup": "biwfr",                  "ForeignKey": "0018362",                  "PrimaryDNS": "205.171.3.65",                  "SecondaryDNS": "205.171.2.65",                  "PopMailServerName": "POP.KLLN.qwest.net",                  "WebServerName": "www.qwest.net",                  "SMTPServerName": "mail.KLLN.qwest.net",                  "ISDNGatewayIPAddress": "1.1.1.1",                  "NNTPServerName": "news.qwest.net",                  "Email": "roxtestjulytw934@qwest.net"              },              "SvcDetail": {                  "DSLInfo": {                      "CircuitId": "",                      "VPI": "",                      "VCI": "",                      "TransmissionRate": "500M/500M",                      "BCID": "",                      "DSLAM-SSP": "",                      "DslamSsp": "",                      "EncodingMethod": "",                      "LineAccessType": "Routing\_gpon",                      "WalledGardenName": "",                      "Policy": "",                      "DNSRedirect": "",                      "AdCtrl": "",                      "IpProto": "",                      "LineEncap": "IPoE",                      "IsBonded": "FALSE"                  },                  "StaticIPv6BlockInfo": {                      "StaticIPv6BlockSize": "",                      "FirstSubnet": "",                      "LastSubnet": ""                  },                  "StaticIPBlockInfo": {                      "CidrPrefix": "",                      "StaticIPBlockSize": "",                      "NetworkIPAddress": "",                      "FirstSubnet": "",                      "LastSubnet": "",                      "SubnetMask": "",                      "Gateway": ""                  }              }          },          "PrimaryuserName": {              "AuthenticationId": "roxtestjulytw934",              "userNameId": "55f384ec-df47-103c-8f16-31d6370cba80",              "CustomerName": {                  "GenericName": "RoxtestJulytwentyeightC, FibJulytwentyeightC"              },              "ActiveFlag": **true**,              "DefaultEmailBoxCnt": "",              "DefaultWebhostSize": ""          }      }  } |
|  |  |
| **Delete(Disable account)** |  |
| /deleteUserAccount |  |
| {      "ImprovAccountRequest" : {          "callingSystemName" : "TOM",          "correlationId" : "000051773",          "services" : [              {                  "name": "DSL",                  "tn" : "1889999901"              }          ]      }  } | {      "ImprovAccountResponse": {          "correlationId": "000051773",          "serviceResponses": [              {                  "message": {                      "status": "SUCCESS",                      "source": "IMPROV",                      "message": "User Account deleted successfully!"                  }              }          ]      }  } |
| **EnableAccount** |  |
| /improv/enableUserAccount?username=roxtestjulytw934 | {      "ImprovAccountResponse": {          "serviceResponses": [              {                  "message": {                      "status": "SUCCESS",                      "source": "IMPROV",                      "message": "User Account enabled successfully!"                  }              }          ],          "id": "roxtestjulytw934"      }  } |
|  |  |