Emoney Integration

Provider Requests and Responses

[**GetInfo**](#_Toc116912060)

[**GetTransactionInfo**](#_Toc116912061)

[**Pay**](#_Toc116912062)

|  |  |
| --- | --- |
| **Credentials** | |
| **Secret** | 5PSSDCRF5GWMB2PULJ3H |
| **Hash Generation Function for Postman** | Getinfo:  var message **=** request **+** serviceID **+** Distributor **+** secret  var sha256Hash **=**  CryptoJS.SHA256(message).**toString**()  pm.environment.**set**("sha256Hash",sha256Hash)  GetTransactionId:  var message **=** request **+** transactionCode **+** Distributor **+** secret  var sha256Hash **=**  CryptoJS.SHA256(message).**toString**()  pm.environment.**set**("sha256Hash",sha256Hash)  Pay:  var message **=** request **+** service **+** amount **+** currency **+** transaction **+** Distributor **+** secret  var sha256Hash **=**  CryptoJS.SHA256(message).**toString**()  pm.environment.**set**("sha256Hash",sha256Hash) |

# **GetInfo**

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| **Request** | |
| **Http Method** | Post |
| **URL** | https://api.emoney.ge/distributors/Service.svc?wsdl |

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| **Header** | |
| **SOAPAction** | http://tempuri.org/IService/GetInfo |
| **Content-Type** | text/xml; charset=utf-8 |

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| --- | --- | --- |
| **Body** | | |
| **Parameter** | **Example** | **Description** |
| Distributor | TESTER | Distributor |
| sha256Hash | N/A | Generated based on: **request + service + Distributor + secret** |
| service | 1 |  |
| account | 360806773 | User ID |
| description | “No matter” | Optional Parameter |

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| **Body XML Example** |

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:tem="http://tempuri.org/" xmlns:emon="http://schemas.datacontract.org/2004/07/EmoneyDistributorService.Common" xmlns:emon1="http://schemas.datacontract.org/2004/07/EmoneyDistributorService.Model">

   <soapenv:Header/>

   <soapenv:Body>

      <tem:GetInfo>

         <tem:request>

            <emon:Distributor>{{Distributor}}</emon:Distributor>

            <emon:Hash>{{sha256Hash}}</emon:Hash>

            <emon:Parameters>

               <emon1:Parameter>

                  <emon1:Key>service</emon1:Key>

                  <emon1:Value>{{service}}</emon1:Value>

               </emon1:Parameter>

               <emon1:Parameter>

                  <emon1:Key>account</emon1:Key>

                  <emon1:Value>{{account}}</emon1:Value>

               </emon1:Parameter>

               <emon1:Parameter>

                  <emon1:Key>description</emon1:Key>

                  <emon1:Value>{{description}}</emon1:Value>

               </emon1:Parameter>

            </emon:Parameters>

         </tem:request>

      </tem:GetInfo>

   </soapenv:Body>

</soapenv:Envelope>

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| --- | --- | --- |
| **Response** | | |
| **Parameter** | **Example** | **Description** |
| Code | 1 | Success OK |
| ExtraInfo |  | Error Codes, If any. |
| ID | 224B497B5F4B4155A5D7D67E314C2EEF |  |
| Message | Success |  |
| SystemCode | OK | Optional Parameter |
| Balance |  |  |
| MinimalPayAmount | 0.01 |  |
| AdditionalInfo | ს. ქ. |  |
| Commission | 0.00 |  |

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| **Response XML Example** |

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">

    <s:Body>

        <GetInfoResponse xmlns="http://tempuri.org/">

            <GetInfoResult xmlns:a="http://schemas.datacontract.org/2004/07/LB.Shared" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">

                <a:Code>1</a:Code>

                <a:ExtraInfo i:nil="true"/>

                <a:ID>224B497B5F4B4155A5D7D67E314C2EEF</a:ID>

                <a:Message>Success</a:Message>

                <a:SystemCode>OK</a:SystemCode>

                <a:Value xmlns:b="http://schemas.datacontract.org/2004/07/EmoneyDistributorService.Model">

                    <b:Parameter>

                        <b:Key>Balance</b:Key>

                        <b:Value/>

                    </b:Parameter>

                    <b:Parameter>

                        <b:Key>MinimalPayAmount</b:Key>

                        <b:Value>0.01</b:Value>

                    </b:Parameter>

                    <b:Parameter>

                        <b:Key>AdditionalInfo</b:Key>

                        <b:Value>ს. ქ.</b:Value>

                    </b:Parameter>

                    <b:Parameter>

                        <b:Key>Commission</b:Key>

                        <b:Value>0.00</b:Value>

                    </b:Parameter>

                </a:Value>

            </GetInfoResult>

        </GetInfoResponse>

    </s:Body>

</s:Envelope>

# **GetTransactionInfo**

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| --- | --- |
| **Request** | |
| **Http Method** | Post |
| **URL** | https://api.emoney.ge/distributors/Service.svc?wsdl |

|  |  |
| --- | --- |
| **Header** | |
| **SOAPAction** | http://tempuri.org/IService/GetTransactionInfo |
| **Content-Type** | text/xml; charset=utf-8 |

|  |  |  |
| --- | --- | --- |
| **Body** | | |
| **Parameter** | **Example** | **Description** |
| Distributor | TESTER | Distributor |
| sha256Hash | N/A | Generated based on: **request + transaction + Distributor + secret** |
| transaction | 1487458041 | Transaction Code |

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| **Body XML Example** |

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:tem="http://tempuri.org/" xmlns:emon="http://schemas.datacontract.org/2004/07/EmoneyDistributorService.Common" xmlns:emon1="http://schemas.datacontract.org/2004/07/EmoneyDistributorService.Model">

   <soapenv:Header/>

   <soapenv:Body>

      <tem:GetTransactionInfo>

         <tem:request>

            <emon:Distributor>{{Distributor}}</emon:Distributor>

            <emon:Hash>{{sha256Hash}}</emon:Hash>

            <emon:Parameters>

               <emon1:Parameter>

                  <emon1:Key>transaction</emon1:Key>

                  <emon1:Value>{{transactionCode}}</emon1:Value>

               </emon1:Parameter>

            </emon:Parameters>

         </tem:request>

      </tem:GetTransactionInfo>

   </soapenv:Body>

</soapenv:Envelope>

|  |  |  |
| --- | --- | --- |
| **Response** | | |
| **Parameter** | **Example** | **Description** |
| Code | 1 | Success OK |
| ExtraInfo | True | Error Codes, If any. |
| ID | 224B497B5F4B4155A5D7D67E314C2EEF | ID |
| Message | Success | Message from the provider system |
| SystemCode | OK | Optional Parameter |
| Amount | 1 | Available balance |
| Code | 1487458041 | Minimal payment amount |
| Currency | GEL | Initials |
| Description | Test transaction | Description of the Transaction |
| ID | 78745804 | Commission |
| IP | 213.131.41.182 | IP |
| ReceiverIdentities | True |  |
| Status | Canceled | Transaction Status |
| Type | Test transaction | Transaction Type |

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| **Response XML Example** |

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">

    <s:Body>

        <GetTransactionInfoResponse xmlns="http://tempuri.org/">

            <GetTransactionInfoResult xmlns:a="http://schemas.datacontract.org/2004/07/LB.Shared" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">

                <a:Code>1</a:Code>

                <a:ExtraInfo i:nil="true"/>

                <a:ID>54732BCE612946D9A25CF59B03608D7A</a:ID>

                <a:Message>Success</a:Message>

                <a:SystemCode>OK</a:SystemCode>

                <a:Value xmlns:b="http://schemas.datacontract.org/2004/07/EmoneyDistributorService.Model">

                    <b:Amount>1</b:Amount>

                    <b:Code>1487458041</b:Code>

                    <b:Currency>GEL</b:Currency>

                    <b:Description>Test transaction</b:Description>

                    <b:ID>78745804</b:ID>

                    <b:IP>213.131.41.182</b:IP>

                    <b:ReceiverIdentities i:nil="true"/>

                    <b:Status>Canceled</b:Status>

                    <b:Type>Test transaction</b:Type>

                </a:Value>

            </GetTransactionInfoResult>

        </GetTransactionInfoResponse>

    </s:Body>

</s:Envelope>

# **Pay**

|  |  |
| --- | --- |
| **Request** | |
| **Http Method** | Post |
| **URL** | https://api.emoney.ge/distributors/Service.svc?wsdl |

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| --- | --- |
| **Header** | |
| **SOAPAction** | http://tempuri.org/IService/Pay |
| **Content-Type** | text/xml; charset=utf-8 |

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| --- | --- | --- |
| **Body** | | |
| **Parameter** | **Example** | **Description** |
| Distributor | TESTER | Distributor |
| sha256Hash | N/A | Hash is Generated based on:  **request + service + amount + currency + transaction + Distributor + secret** |
| amount | 1 | Amount |
| currency | GEL | Currency Code |
| service | 1 | Service ID, Provider Side. |
| transaction | 5454 | transaction ID from persistence database |
| account | 360806773 | eMoney account ID |

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| **Body XML Example** |

  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:tem="http://tempuri.org/" xmlns:emon="http://schemas.datacontract.org/2004/07/EmoneyDistributorService.Common" xmlns:emon1="http://schemas.datacontract.org/2004/07/EmoneyDistributorService.Model">

   <soapenv:Header/>

   <soapenv:Body>

      <tem:Pay>

         <tem:request>

            <emon:Distributor>{{Distributor}}</emon:Distributor>

            <emon:Hash>{{sha256Hash}}</emon:Hash>

            <emon:Parameters>

               <emon1:Parameter>

                  <emon1:Key>amount</emon1:Key>

                  <emon1:Value>{{amount}}</emon1:Value>

               </emon1:Parameter>

                <emon1:Parameter>

                  <emon1:Key>currency</emon1:Key>

                  <emon1:Value>{{currency}}</emon1:Value>

               </emon1:Parameter>

                <emon1:Parameter>

                  <emon1:Key>service</emon1:Key>

                  <emon1:Value>{{service}}</emon1:Value>

               </emon1:Parameter>

                <emon1:Parameter>

                  <emon1:Key>transaction</emon1:Key>

                  <emon1:Value>{{transaction}}</emon1:Value>

               </emon1:Parameter>

                  <emon1:Parameter>

                  <emon1:Key>account</emon1:Key>

                  <emon1:Value>{{customerCode}}</emon1:Value>

               </emon1:Parameter>

            </emon:Parameters>

         </tem:request>

      </tem:Pay>

   </soapenv:Body>

</soapenv:Envelope>

|  |  |  |
| --- | --- | --- |
| **Response** | | |
| **Parameter** | **Example** | **Description** |
| Code | 1 | Success OK |
| ExtraInfo | True | Error Codes, If any. |
| ID | 224B497B5F4B4155A5D7D67E314C2EEF | ID |
| Message | Success | Message from the provider system |
| SystemCode | OK | Optional Parameter |
| Amount | 1 | Available balance |
| Code | 1487458041 | Minimal payment amount |
| Currency | GEL | Initials |
| Description | Test transaction |  |
| ID | 78745804 | Commission |
| IP | 213.131.41.182 | IP |
| ReceiverIdentities | True |  |
| Status | Canceled | Transaction Status |
| Type | Test transaction | Transaction Type |

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| **Response XML Example** |

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">

    <s:Body>

        <PayResponse xmlns="http://tempuri.org/">

            <PayResult xmlns:a="http://schemas.datacontract.org/2004/07/LB.Shared" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">

                <a:Code>1</a:Code>

                <a:ExtraInfo i:nil="true"/>

                <a:ID>6463784E17C344DB9C03F52ACF35B0E7</a:ID>

                <a:Message>Success</a:Message>

                <a:SystemCode>OK</a:SystemCode>

                <a:Value xmlns:b="http://schemas.datacontract.org/2004/07/EmoneyDistributorService.Model">

                    <b:Amount>1</b:Amount>

                    <b:Code>1487458041</b:Code>

                    <b:Currency>GEL</b:Currency>

                    <b:Description>Test transaction</b:Description>

                    <b:ID>78745804</b:ID>

                    <b:IP>213.131.41.182</b:IP>

                    <b:ReceiverIdentities i:nil="true"/>

                    <b:Status>Canceled</b:Status>

                    <b:Type>Test transaction</b:Type>

                </a:Value>

            </PayResult>

        </PayResponse>

    </s:Body>

</s:Envelope>