

Perform NBN SQ Request

[Go to full article](#)

Overview

This API call can be used to perform a stand alone SQ request for service types

- AAPT NWB Layer 2
- AAPT NWB Layer 3
- Vocus NBN

WSDL

<https://api.emersion.com.au/Orders.wsdl>

Operation name

PerformNBNSQ

SOAP Example

API Call

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:urn="urn:emersion:api">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:PerformNBNSQRequest>
      <urn:SearchType>NBNLocationId</urn:SearchType>
      <urn:SearchValue>LOC000176944782</urn:SearchValue>
      <urn:ServiceType>AAPT National Wholesale Broadband Layer 2</urn:ServiceType>
      <urn:ReturnFail>false</urn:ReturnFail>
    </urn:PerformNBNSQRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

API Reseponse

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="urn:emersion:api" xmlns:ns2="urn:emersion:types">
  <SOAP-ENV:Body>
    <ns1:PerformNBNSQResponse>
      <ns1:QualificationId>0</ns1:QualificationId>
      <ns1:Carrier>Vocus</ns1:Carrier>
      <ns1:ServiceType>Vocus NBN</ns1:ServiceType>
      <ns1:QualificationResponses>
        <ns1:QualificationResponse>
          <ns2:SQResult>PASS</ns2:SQResult>
          <ns2:Product>Vocus NBN</ns2:Product>
          <ns2:Type>Fibre to the node</ns2:Type>
          <ns2:Availability>NBN FTTN</ns2:Availability>
          <ns2:ServiceClass>13</ns2:ServiceClass>
          <ns2:CSAID>CSA200000000549</ns2:CSAID>
          <ns2:Zone>Urban</ns2:Zone>
          <ns2:CopperDisconnection>2018-06-08</ns2:
CopperDisconnection>
          <ns2:NetworkCoExistence>false</ns2:NetworkCoExistence>
          <ns2:ServiceSpeeds>
            <ns2:ServiceSpeed>Upload Speed (CPI CPI300002082017): 33-
40</ns2:ServiceSpeed>
            <ns2:ServiceSpeed>Download Speed: (CPI CPI300002082017):
73-100</ns2:ServiceSpeed>
          </ns2:ServiceSpeeds>
          <ns2:ConnectionType>Brown Fields</ns2:ConnectionType>
          <ns2:LocationID>LOC000025391315</ns2:LocationID>
          <ns2:Address>LOC000025391315</ns2:Address>
          <ns2:DevelopmentChargeApplies>false</ns2:
DevelopmentChargeApplies>
          <ns2:CVCID>Auto-Assigned</ns2:CVCID>
          <ns2:VoiceCVCID>Auto-Assigned</ns2:VoiceCVCID>
        </ns1:QualificationResponse>
      </ns1:QualificationResponses>
    </ns1:PerformNBNSQResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Field Descriptions

All field names are case sensitive. Check enumerated values in the descriptions to confirm capitalisation and spacing. See [field types](#) for additional information..

Name	Description	Required?	Field Type	Character limit	Values
Search Type	The type of identifier you will perform an SQ with.	Yes	String		Valid values are: <i>FullNationalNumber</i> <i>TelstraLocationId</i> <i>NBNLocationId</i>

Search Value	The actual identifier for the SQ.	Yes	String		Examples of each type are: <i>FullNationalNumber: 0397731234</i> <i>TelstraLocationId</i> <i>NBNLocationId: LOC000176944782</i>
ServiceType	Service Type for the SQ.	Yes	String		Valid values: <i>AAPT National Wholesale Broadband Layer 2</i> <i>AAPT National Wholesale Broadband Layer 3</i> <i>Vocus NBN</i>
Return Fail	With this field you can elect to return results for speeds and access methods where the SQ failed, or only those where the SQ result passed.	Yes	String		Valid values are <i>true</i> and <i>false</i> .