



How to: Create a New DSL-L2 Service

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1 How To Create a New DSL-L2 Service

This document details the LOLIG web service calls to make in order to create a new DSL service. The scenario outlined is for a simple case and provides an overall view of the steps involved and the order in which they need to be carried out.

1.1 State Information

The creation of a new DSL service involves a single standalone web service transaction. This means there is no state information maintained in the process.

1.2 Immediate vs Delayed Transactions

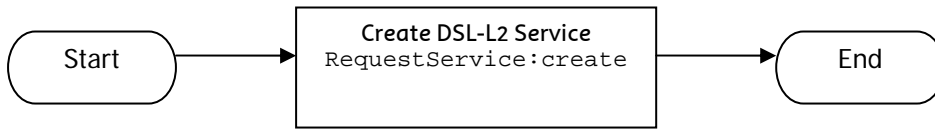
LOLIG allows two modes of transactions for DSL operations. They are immediate mode and delayed mode.

In *Immediate Mode*, LOLIG will process the request immediately and return the results and/or errors as soon as processing has been completed.

Alternately, in *Delayed Mode*, the Telstra Reference Number (Request Number) and Request Item Id(s) are returned after processing. Details of request processing can be subsequently obtained by querying the request using RequestService:enquire or RequestItemService:enhancedEnquire..

2 Web Service Transaction Flow

To create a new DSL-L2 service, a standalone LOLIG transaction is used – RequestService:Create.



3 Descriptions & XML Examples

3.1 Immediate Mode Create DSL-L2 Service	
Web Service:	RequestService:create
Description:	This is the simplest way to create a DSL-L2 service in immediate mode. In this scenario the Customer Requested Data has not been specified.
Example Request:	
<pre> <RCreateRequest xmlns="http://telstra.com/lolo2/b2b/parts/2004/10/10"> <request> <spReferenceNumber>1234</spReferenceNumber> <spContactName>Joe Company</spContactName> <spPhoneNumber>0399991111</spPhoneNumber> <customerContactName>Homer Simpson</customerContactName> <customerPhoneNumber>0288882222</customerPhoneNumber> <requestItems> <siteDetail> <contactName>Homer Simpson</contactName> <contactPhoneNumber>0288882222</contactPhoneNumber> </siteDetail> <workTypeDescription>New DSL-L2</workTypeDescription> <service> <customerServiceNumber>0397202156</customerServiceNumber> <products> <name>DSL-L2</name> <action>Add</action> <settings> <name>End User Speed</name> <value>256Kbps/64Kbps</value> </settings> <settings> <name>Customer Domain Name</name> <value>N0000001K</value> </settings> <settings> <name>Virtual Path (VP)</name> <value>008</value> </settings> <settings> <name>Virtual Circuit (VC)</name> <value>00035</value> </settings> </products> </service> </requestItems> </request> </RCreateRequest> </pre>	

Example Response:

```
<RCreateResponse xmlns="http://telstra.com/lo1o2/b2b/parts/2004/10/10">
  <response>
    <channelType>Web Services</channelType>
    <spName>Service Provider A</spName>
    <telstraRef>16000001</telstraRef>
    <customerContactName>Cus Tomer</customerContactName>
    <customerPhone>0732222222</customerPhone>
    <applicationDate>2005-05-10</applicationDate>
    <spContactName>Mr TestTel</spContactName>
    <spPhoneNumber>0733333333</spPhoneNumber>
    <requestStatusDescription>Under Assignment</requestStatusDescription>
    <requestItems>
      <requestItemId>123456789</requestItemId>
      <siteDetail>
        <contactName>Arv</contactName>
        <contactPhoneNumber>0422222222</contactPhoneNumber>
      </siteDetail>
      <customerRequestedDate>
        <from>2005-07-06T09:31:46.000Z</from>
        <to>2005-07-07T10:31:46.000Z</to>
      </customerRequestedDate>
      <workTypeDescription>Configure WBDL Service</workTypeDescription>
      <requestItemStatusDescription>Under Assessment</requestItemStatusDescription>
      <service>
        <customerServiceNumber>0788888888</customerServiceNumber>
        <products>
          <name>Modify Access Speed</name>
          <action>Add</action>
          <settings>
            <name>WBDL FNN</name>
            <value>Y12345678901L</value>
          </settings>
          <settings>
            <name>Access Speed</name>
            <value>1536Kbps</value>
          </settings>
          <settings>
            <name>Burst Ratio (PVC SIR)</name>
            <value>4:1</value>
          </settings>
        </products>
      </service>
      <activities>
        <activityId>101725822</activityId>
        <createTimeStamp>2005-12-15T10:31:46.000Z</createTimeStamp>
        <note>B2B 25340739 in immediate mode</note>
        <userName>Service Provider A LOLIG Certificate</userName>
        <description>B2B Product Request Notification</description>
      </activities>
    </requestItems>
  </response>
</RCreateResponse>
```

3.2 Delayed Mode Create DSL-L2 Service	
Web Service:	RequestService:create
Description:	This is the simplest way to create a DSL-L2 service in delayed mode. In this scenario the Customer Requested Data has not been specified.
Example Request:	
<pre> <RCreateDelayedRequest xmlns="http://telstra.com/lolo2/b2b/parts/2004/10/10"> <request> <spReferenceNumber>1234</spReferenceNumber> <spContactName>Joe Company</spContactName> <spPhoneNumber>0399991111</spPhoneNumber> <customerContactName>Homer Simpson</customerContactName> <customerPhoneNumber>0288882222</customerPhoneNumber> <requestItems> <siteDetail> <contactName>Homer Simpson</contactName> <contactPhoneNumber>0288882222</contactPhoneNumber> </siteDetail> <workTypeDescription>New DSL-L2</workTypeDescription> <service> <customerServiceNumber>0397202156</customerServiceNumber> <products> <name>DSL-L2</name> <action>Add</action> <settings> <name>End User Speed</name> <value>256Kbps/64Kbps</value> </settings> <settings> <name>Customer Domain Name</name> <value>N0000001K</value> </settings> <settings> <name>Virtual Path (VP)</name> <value>008</value> </settings> <settings> <name>Virtual Circuit (VC)</name> <value>00035</value> </settings> </products> </service> </requestItems> </request> </RCreateDelayedRequest> </pre>	
Example Response:	
<pre> <RCreateDelayedResponse xmlns="http://telstra.com/lolo2/b2b/parts/2004/10/10"> <response> <telstraRef>12341111</telstraRef> <spReferenceNumber>spReferenceA</spReferenceNumber> <requestItemIds>4395111</requestItemIds> </response> </RCreateDelayedResponse> </pre>	

4 Request Parameter Definitions

<request>	
<spReferenceNumber>	Service Provider specific number, provided to allow SP to track the order with own keys. This is not used by Telstra.
<spContactName>	Name of a contact person from the Service Provider and not the SP or company name.
<spPhoneNumber>	The Service Provider contact phone number.
<customerContactName>	The end user's name.
<customerPhoneNumber>	The end user's contact phone number.
<requestItems>	
<siteDetail>	
<contactName>	The end user's name.
<contactPhoneNumber>	The end user's contact phone number.
</siteDetail>	
<workTypeDescription>	New DSL-L2
<service>	
<customerServiceNumber>	The CSN the DSL-L2 service will be on.
<products>	
<name>	DSL-L2
<action>	Add
<settings>	
<name>	End User Region
<value>	Metro, Regional1, Regional2
</settings>	
<settings>	
<name>	End User Speed
<value>	1.5Mbps/256Kbps, 256Kbps/64Kbps, 512Kbps/128Kbps, 512Kbps/512Kbps, Open 1
</settings>	
<settings>	
<name>	Customer Domain Name
<value>	The Service Provider's NK number.
</settings>	
<settings>	
<name>	Virtual Path (VP)
<value>	008 <standard setting but this may differ between Service Provider's>
</settings>	
<settings>	
<name>	Virtual Circuit (VC)
<value>	00035 <standard setting but this may differ between Service Provider's>
</settings>	
</products>	
</service>	
</requestItems>	
</request>	

Legend:

- Black – Description of parameter.
- Blue – Choice of actual values to use.
- Bold – Actual Value to use.
- Green – optional parameter.

5 DOCUMENT CONTROL SHEET

Contact for Enquiries and Proposed Changes

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Issue No.	Issue Date	Nature of Amendment
1	30/06/2010	First Issue