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# Exchange xml test

It's possible to test the Restful API interface to the netYCE system by use of the Exchange XML test form. The XML message can be entered in the form and click send.

## YCE exchange XML interface

*Derco Sportel (System) of NetYCE*

### YCE exchange XML request

```
<task response="">
<head
  passwd=
  task_name="service_type"
  task_type="xml-request"
  userid=
/>
<request
  client_type="YCE"
  service_class="_API"
  service_type="apiAccessV"
  service_task="accessV"
  client_code="lab1"
  site_code="LAB1DATA001">
  <alias name="node_name" type="node" value="LAB1DATA001LAGGR05"/>
</request>
</task>
```

Send

When the message is correct the output will be shown.

```
<task>
  <head error="0000" passwd= status="completed" task_name="service_type"
    task_type="xml-request" userid= />
  <request auth_agent="yce" client_code="lab1" client_type="YCE" service_class="_API" service_task="accessV"
    service_type="apiAccessV" site_code="LAB1DATA001" task_module="xch_st.pl" task_sub="st_exec" user_level="4">...
  </request>
  <response auth_agent="yce" client_code="lab1" client_level="5" client_type="YCE" errors="0" group_id="NetYCE"
    last_added_servicekey="20154" operator="xml" service_class="_API" service_id="20271" service_task="accessV"
    service_type="apiAccessV" site_code="LAB1DATA001" task_module="xch_st.pl" task_sub="st_exec" type_alias=""
    type_class="SUBNET" type_exec="ASSIGN" type_match="LINK" type_scope="<net.mngmnt>" type_seq="98" type_value=""
    <link.b.b>" user_level="4">...</response>
</task>
```

## XML format

This section will describe the details of the XML content and how to handle communication with the Restful API.

[example.xml](#)

```
<task response="">
  <head
    task_name="service_type"
    task_type="xml-request"
    userid="user-id"
```

```
    passwd="secret-hash"
  />
  <request
    service_class="ML2_BKf_core"
    service_type="nw_client"
    service_task="Create"
      client_type="RN"
    >
      <custom name="client_code" type="name" value="rn12345" />
      <custom name="client_name" type="name" value="My very new
customer" />
      <custom name="site_code" type="name" value="nw1234" />
      <custom name="site_type" type="name" value="BK" />
      <custom name="mpls_vrf_id" type="vrf_id" value="123" />
      <custom name="mpls_vrf_name" type="name" value="cust123" />
      <custom name="mpls_vrf_as" type="name" value="68001" />
      <custom name="mpls_vrf_rd" type="name" value="loopback:moo" />
      <custom name="mpls_vrf_rt" type="name" value="network" />
      <custom name="ip_plan" type="number" value="3" />
      <custom name="supernet" type="net" value="10.14.64.0" />
    </request>
  </task>
```

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