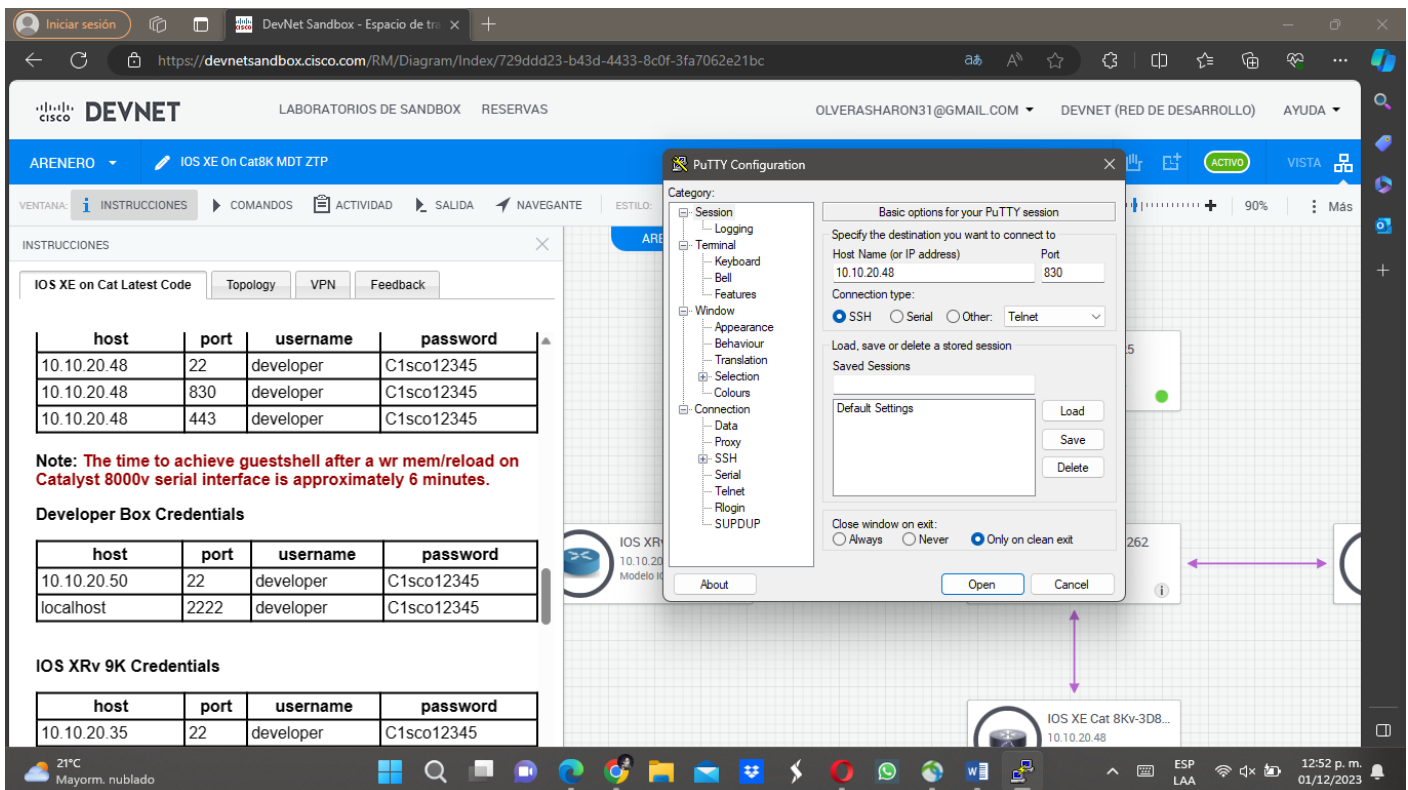
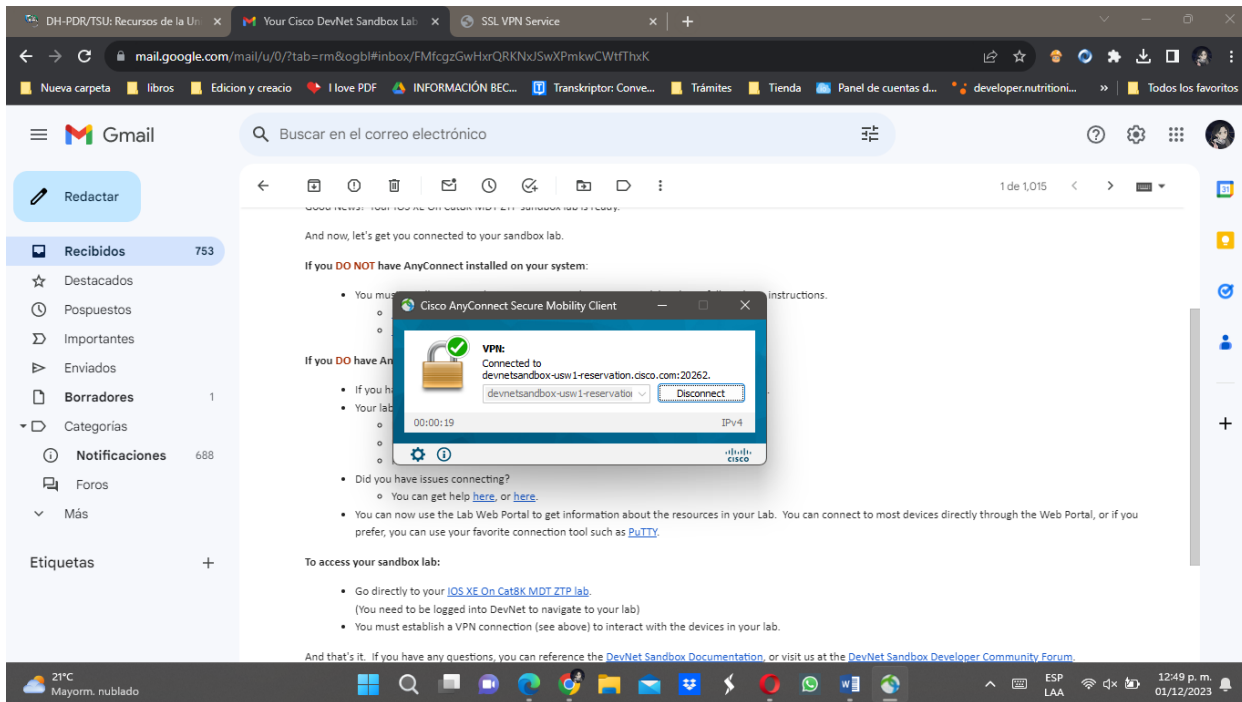


Olvera Ibarra Sharon Michelle

Lab 2.6 – raw NETCONF

01/12/2023



Olvera Ibarra Sharon Michelle

```
10.10.20.48 - PuTTY
login as: developer
developer@10.10.20.48's password:
<?xml version="1.0" encoding="UTF-8"?>
<hello xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  <capabilities>
    <capability>urn:ietf:params:netconf:base:1.0</capability>
    <capability>urn:ietf:params:netconf:base:1.1</capability>
    <capability>urn:ietf:params:netconf:capability:writable-running:1.0</capability>
    <capability>urn:ietf:params:netconf:capability:rollback-on-error:1.0</capability>
    <capability>urn:ietf:params:netconf:capability:validate:1.0</capability>
    <capability>urn:ietf:params:netconf:capability:validate:1.1</capability>
    <capability>urn:ietf:params:netconf:capability:xpath:1.0</capability>
    <capability>urn:ietf:params:netconf:capability:notification:1.0</capability>
    <capability>urn:ietf:params:netconf:capability:interleave:1.0</capability>
    <capability>urn:ietf:params:netconf:capability:with-defaults:1.0?basic-mode=explicit&also-supported=report-all-tagged,report-all</capability>
    <capability>urn:ietf:params:netconf:capability:with-operational-defaults:1.0?basic-mode=explicit&also-supported=report-all-tagged,report-all</capability>
    <capability>urn:ietf:params:netconf:capability:yang-library:1.0?revision=2019-01-04&module-set-id=72c44eca39742896115d6c2b36780562</capability>
    <capability>urn:ietf:params:netconf:capability:yang-library:1.1?revision=2019-01-04&content-id=72c44eca39742896115d6c2b36780562</capability>
    <capability>http://tail-f.com/ns/netconf/actions/1.0</capability>
    <capability>http://cisco.com/ns/cisco-xe-ietf-ip-deviation?module=cisco-xe-ietf-ip-deviation&revision=2016-08-10</capability>
    <capability>http://cisco.com/ns/cisco-xe-ietf-ipv4-unicast-routing-deviation?module=cisco-xe-ietf-ipv4-unicast-routing-deviation&revision=2015-09-11</capability>
    <capability>http://cisco.com/ns/cisco-xe-ietf-ipv6-unicast-routing-deviation?module=cisco-xe-ietf-ipv6-unicast-routing-deviation&revision=2015-09-11</capability>
    <capability>http://cisco.com/ns/cisco-xe-ietf-ospf-deviation?module=cisco-xe-ietf-ospf-deviation&revision=2018-02-09</capability>
    <capability>http://cisco.com/ns/cisco-xe-ietf-routing-deviation?module=cisco-xe-ietf-routing-deviation&revision=2016-07-09</capability>
    <capability>http://cisco.com/ns/cisco-xe-openconfig-acl-deviation?module=cisco-xe-openconfig-acl-deviation&revision=2017-08-25</capability>
    <capability>http://cisco.com/ns/cisco-xe-openconfig-aft-deviation?module=cisco-xe-openconfig-aft-deviation&revision=2018-12-05</capability>
    <capability>http://cisco.com/ns/cisco-xe-openconfig-isis-deviation?module=cisco-xe-openconfig-isis-deviation&revision=2018-12-05</capability>
    <capability>http://cisco.com/ns/cisco-xe-openconfig-ldp-deviation?module=cisco-
```

```
10.10.20.48 - PuTTY
mp;revision=2006-01-09</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:RFC-1212?module=RFC-1212</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:RFC-1215?module=RFC-1215</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:RFC1155-SMI?module=RFC1155-SMI</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:RFC1213-MIB?module=RFC1213-MIB</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:RFC1315-MIB?module=RFC1315-MIB</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:RMON-MIB?module=RMON-MIB&revision=2000-05-11</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:RMON2-MIB?module=RMON2-MIB&revision=1996-05-27</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:RSVP-MIB?module=RSVP-MIB&revision=1998-08-25</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:SNMP-FRAMEWORK-MIB?module=SNMP-FRAMEWORK-MIB&revision=2002-10-14</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:SNMP-PROXY-MIB?module=SNMP-PROXY-MIB&revision=2002-10-14</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:SNMP-TARGET-MIB?module=SNMP-TARGET-MIB&revision=1998-08-04</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:SNMPv2-MIB?module=SNMPv2-MIB&revision=2002-10-16</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:SNMPv2-TC?module=SNMPv2-TC</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:SONET-MIB?module=SONET-MIB&revision=2003-08-11</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:TCP-MIB?module=TCP-MIB&revision=2005-02-18</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:TOKEN-RING-RMON-MIB?module=TOKEN-RING-RMON-MIB</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:TOKENRING-MIB?module=TOKENRING-MIB&revision=1994-10-23</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:TUNNEL-MIB?module=TUNNEL-MIB&revision=2005-05-16</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:UDP-MIB?module=UDP-MIB&revision=2005-05-20</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:VPN-TC-STD-MIB?module=VPN-TC-STD-MIB&revision=2005-11-15</capability>
<capability>urn:ietf:params:netconf:capability:notification:1.1
  </capability>
</capabilities>
<session-id>22</session-id></hello>]]>]]>
```

```
10.10.20.48 - PuTTY
<capability>urn:ietf:params:xml:ns:yang:smiv2:RFC1315-MIB?module=RFC1315-MIB</ca
pability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:RMON-MIB?module=RMON-MIB&revis
ion=2000-05-11</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:RMON2-MIB?module=RMON2-MIB&rev
ision=1996-05-27</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:RSVP-MIB?module=RSVP-MIB&revis
ion=1998-08-25</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:SNMP-FRAMEWORK-MIB?module=SNMP-FRA
MEWORK-MIB&revision=2002-10-14</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:SNMP-PROXY-MIB?module=SNMP-PROXY-M
IB&revision=2002-10-14</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:SNMP-TARGET-MIB?module=SNMP-TARGET
-MIB&revision=1998-08-04</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:SNMPv2-MIB?module=SNMPv2-MIB&re
vision=2002-10-16</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:SNMPv2-TC?module=SNMPv2-TC</capabi
lity>
<capability>urn:ietf:params:xml:ns:yang:smiv2:SONET-MIB?module=SONET-MIB&revis
ion=2003-08-11</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:TCP-MIB?module=TCP-MIB&revisio
n=2005-02-18</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:TOKEN-RING-RMON-MIB?module=TOKEN-R
ING-RMON-MIB</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:TOKENRING-MIB?module=TOKENRING-MIB
&revision=1994-10-23</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:TUNNEL-MIB?module=TUNNEL-MIB&revis
ion=2005-05-16</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:UDP-MIB?module=UDP-MIB&revisio
n=2005-05-20</capability>
<capability>urn:ietf:params:xml:ns:yang:smiv2:VPN-TC-STD-MIB?module=VPN-TC-STD-M
IB&revision=2005-11-15</capability>
<capability>
  urn:ietf:params:netconf:capability:notification:1.1
</capability>
</capabilities>
<session-id>23</session-id></hello>]]><hello xmlns="urn:ietf:params:xml:ns:ne
tconf:base:1.0">
  <capabilities>
    <capability>urn:ietf:params:netconf:base:1.0</capability>
  </capabilities>
</hello>
]]>]]>

USD/MXN
-1.09%
```

```
10.10.20.48 - PuTTY
</capabilities>
</hello>
]]>]]>

<rpc message-id="103" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  <get>
    <filter>
      <interfaces xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces"/>
    </filter>
  </get>
</rpc>
]]>]]>
<?xml version="1.0" encoding="UTF-8"?>
<rpc-reply xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="103"><dat
a><interfaces xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces"><interface><na
me>GigabitEthernet1</name><description>MANAGEMENT INTERFACE - DON'T TOUCH ME</de
scription><type xmlns:ianaif="urn:ietf:params:xml:ns:yang:iana-if-type">ianaif:t
ethernetCsmacd</type><enabled>true</enabled><ipv4 xmlns="urn:ietf:params:xml:ns
:yang:ietf-ip"><address><ip>10.10.20.48</ip><netmask>255.255.255.0</netmask></ad
dress></ipv4><ipv6 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip"></ipv6></interfac
e><interface><name>GigabitEthernet2</name><description>Network Interface</descri
ption><type xmlns:ianaif="urn:ietf:params:xml:ns:yang:iana-if-type">ianaif:eth
ernetCsmacd</type><enabled>false</enabled><ipv4 xmlns="urn:ietf:params:xml:ns:ya
ng:ietf-ip"></ipv4><ipv6 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip"></ipv6></in
terface><interface><name>GigabitEthernet3</name><description>Network Interface</
description><type xmlns:ianaif="urn:ietf:params:xml:ns:yang:iana-if-type">ianaif
:etheretnetCsmacd</type><enabled>false</enabled><ipv4 xmlns="urn:ietf:params:xml
:ns:yang:ietf-ip"></ipv4><ipv6 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip"></ip
v6></interface><interface><name>Loopback0</name><type xmlns:ianaif="urn:ietf:par
ams:xml:ns:yang:iana-if-type">ianaif:softwareLoopback</type><enabled>true</enab
led><ipv4 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip"><address><ip>10.0.0.1</ip>
<netmask>255.255.255.0</netmask></address></ipv4><ipv6 xmlns="urn:ietf:params:xm
l:ns:yang:ietf-ip"></ipv6></interface><interface><name>Loopback10</name><type xm
l:ns:ianaif="urn:ietf:params:xml:ns:yang:iana-if-type">ianaif:softwareLoopback<
/type><enabled>true</enabled><ipv4 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip"><
/ipv4><ipv6 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip"></ipv6></interface><inte
rface><name>Loopback109</name><description>Configured by RESTCONF ga jadi</desc
ription><type xmlns:ianaif="urn:ietf:params:xml:ns:yang:iana-if-type">ianaif:so
ftwareLoopback</type><enabled>true</enabled><ipv4 xmlns="urn:ietf:params:xml:ns
:yang:ietf-ip"><address><ip>10.255.255.9</ip><netmask>255.255.255.0</netmask></ad
dress></ipv4><ipv6 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip"></ipv6></interfac
e><interface><name>VirtualPortGroup0</name><type xmlns:ianaif="urn:ietf:params:
xml:ns:yang:iana-if-type">ianaif:propVirtual</type><enabled>true</enabled><ipv4
xmlns="urn:ietf:params:xml:ns:yang:ietf-ip"><address><ip>192.168.1.1</ip><netma
sk>255.255.255.0</netmask></address></ipv4><ipv6 xmlns="urn:ietf:params:xml:ns:y
ang:ietf-ip"></ipv6></interface></interfaces></data></rpc-reply>]]>]]>
```