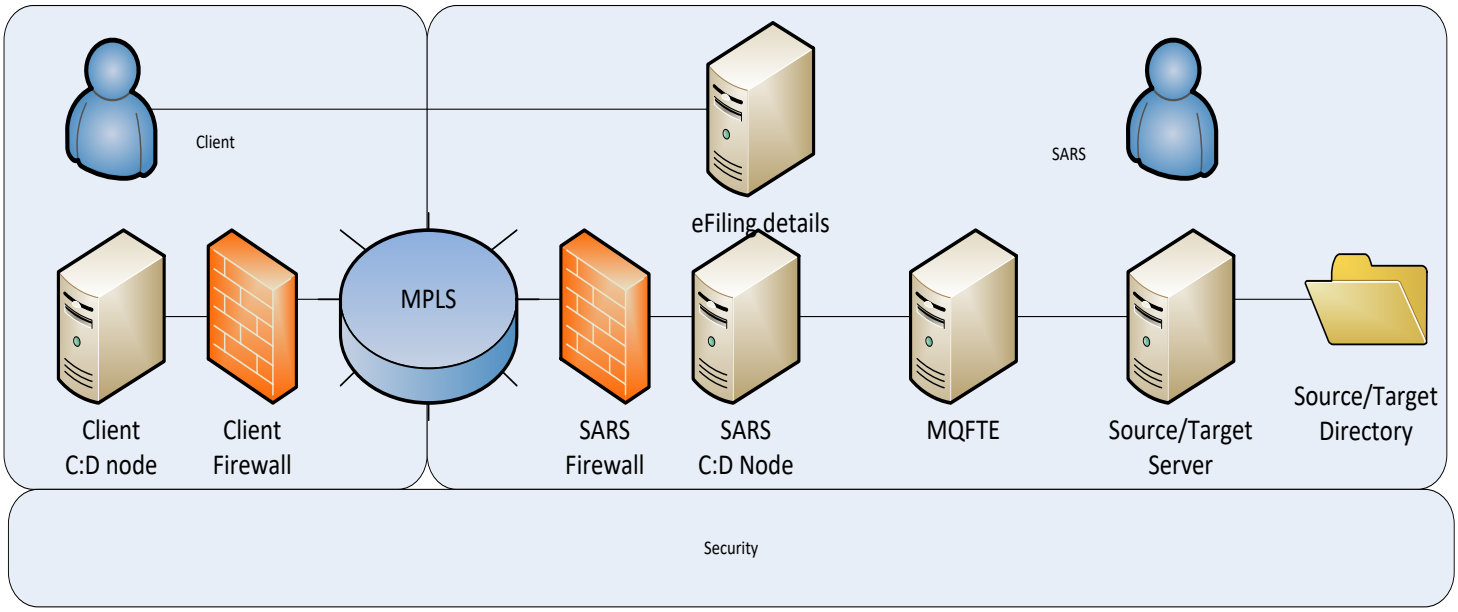


Questions:

- **Does the client have Connect Direct?**
- **Does the client have MPLS line with Internet Solutions?** See page 2

Client Node Detail

	Production	Testing
Operating System		
Node Name		
External IP		
Port Number		

Note: Node name must not contain underscores and spaces

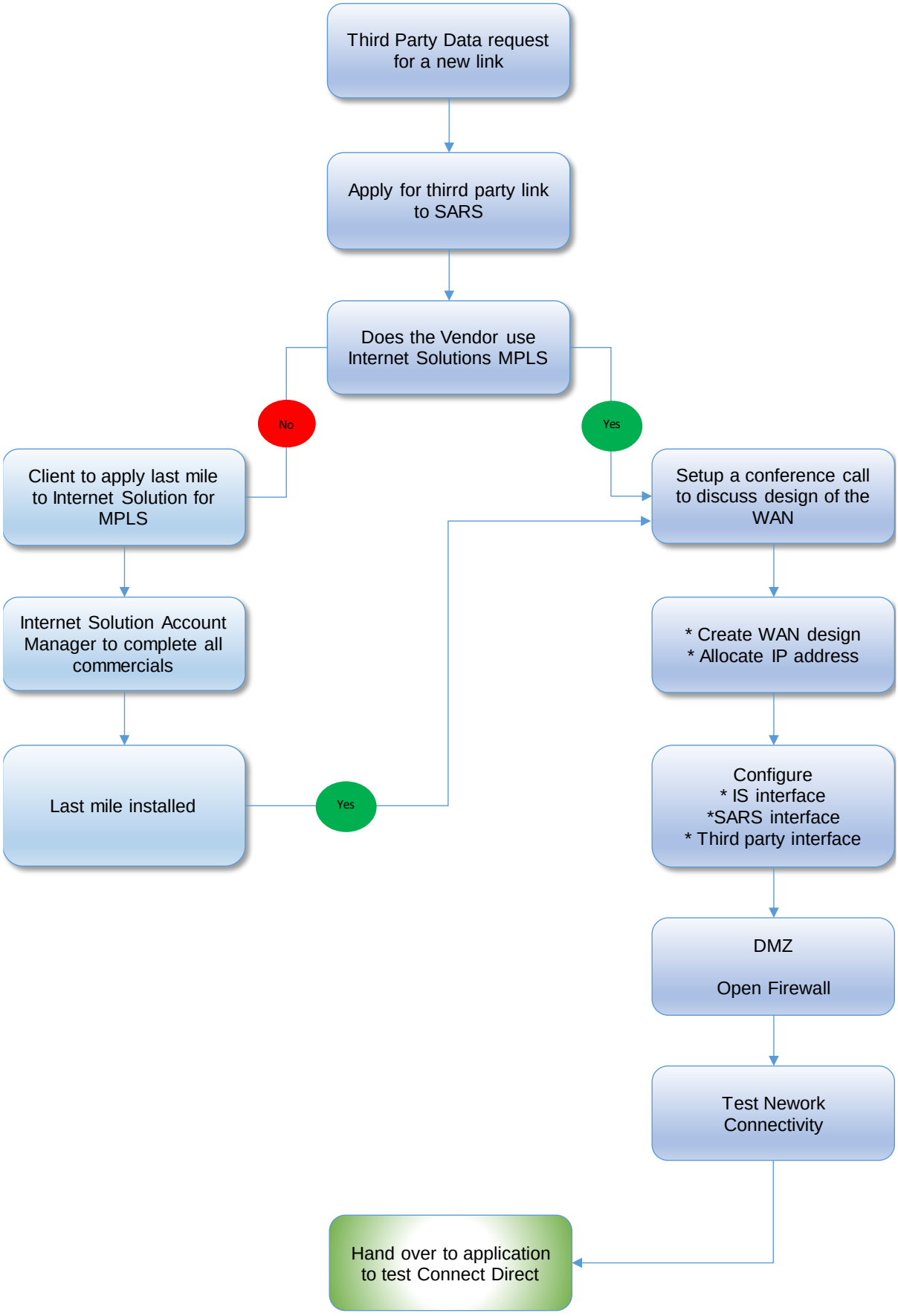
Client Contact Detail

Name	
Telephone	
Email	

SARS Node Detail

	Production	Testing
Operating System	AIX	AIX
Node Name	sarsprod	sarsqa
External IP	196.37.30.17	196.37.30.21
Port Number	1364	1364

Network Tasks



Filename Rules:

Filename layout formula for files outbound file from SARS:

Data Type Being Supplied_File Layout Version_Tax Reference Number _Unique File ID_Message Create Date_R000_Nodename.ext

Data Type Being Supplied => 'DCO'
File Layout Version => '1'
Tax Reference Number => Client's number supplied during enrolment process; Num 10 ; mod10 pass
Unique File ID => free text; no special characters allowed
Message Create Date => ccyymmdd & 'T' & hhMMss
R000 => 'R000'
Nodename => Node name of the client's Connect Direct Node; client setup dependant
Ext => 'txt' / 'psv' / 'zip'

Example:

NB – **(Code)** = SARS generated code for Vendor (e.g. First four letters of Vendor name)

- DCO_1_7902415836_SARS**(Code)**Out_20160114T141301_R000_ClientNode.zip
- DCO_1_7902415836_SARS**(Code)**OutMaster_20160114T141301_R000_ClientNode.txt
- DCO_1_7902415836_SARS**(Code)**OutDebtDetail_20160114T141301_R000_ClientNode.txt
- DCO_1_7902415836_SARS**(Code)**OutReturnDetail_20160114T141301_R000_ClientNode.txt

Filename layout formula for inbound files coming into SARS:

Data Type Being Supplied_File Layout Version_Tax Reference Number _Unique File ID_Message Create Date_Nodename.ext

Data Type Being Supplied => 'DCO'
File Layout Version => '1'
Tax Reference Number => Client's number supplied during enrolment process; Num 10 ; mod10 pass
Unique File ID => free text; no special characters allowed
Message Create Date => ccyymmdd & 'T' & hhMMss
Nodename => Node name of the client's Connect Direct Node; client setup dependant
Ext => 'txt' / 'psv' / 'zip'

Example:

NB – **(Code)** = SARS generated code for Vendor (e.g. First four letters of Vendor name)

- DCO_1_7902415836_SARS**(Code)**Response_20160114T141301_ClientNode.zip
- DCO_1_7902415836_SARS**(Code)**Response_20160114T141301_ClientNode.txt

ESB Tasks

1) Check/Install Provider FTE agent

2) Routing

    a. Add Product Type / Data Type to the configuration

    b. Add version to the configuration

    c. Add destination path to the configuration

3) Restart the ESB 3rdPartyData FTE agent

Dear Stakeholder

APPROACH FOR 3RD PARTY TRADE TESTING VIA STERLING FILE GATEWAY OR CONNECT: DIRECT CHANNELS

SARS modernised its current 3rd Party Data Platform to accommodate the bulk submission of 3rd Party Data for certain tax types on the new Direct Data Flow channels. These channels will enable submitting entities to submit data directly to SARS, reducing the overall administrative burden of large volume data transfer to SARS.

The Direct Data Flow channels uses IBM Sterling IBM®Connect:Direct® and IBM® Sterling File Gateway® technologies for secure file transfer. Entities that opt to use the Conenct:Direct® channel will need to purchase it. To obtain more information about the Connect: Direct technology, visit www.ibm.com or www.trustlink.co.za.
The IBM® Sterling File Gateway® is web-based interfaces for customer self-services which entities gain access by obtaining a digital certificate and the link from SARS.

How to register with SARS to submit data via the channels?

Submitting entities will complete form list below in accordance to the channel they opt to use for data submission. This will enable SARS personnel to enrol the entity for the selected channel in the testing environment. Below are form sections which are applicable to each channel for enrolment:

Sterling File Gateway (HTTPS):
Appendix B

Connect:Direct:
Appendix B
Appendix C

For renewal of certificates:
Appendix C (for Connect Direct Users)
Appendix D

What are the basic rules for channel enrolment?

- Each entity must have at least three users for the Organisation to be successfully enrolled;
- Only one user may be enrolled as a Business Administrator for enrolment purposes;
- There may be multiple users enrolled as Technical user or Technical Administrator;
- A user may **Not** be allocated to multiple roles; and
- Certificate issued will only be valid for 12 months from the date of issue.

Note: SARS will only do the enrolment in the test environment and send the certificate to the client. The client will then import the certificate and will then be able to submit test data. The client will be responsible for enrolment and activation in the production environment, Refer to guide "Third Party Data Enrolment and activation guide".

Steps to be followed to setup data submission:

	Activity	Responsibility	Channel
STEP 1	Company confirms they have C:D installed in their software environment. SARS prescribes C:D syntax in Appendix A. The process syntax should be adapted to suit your organization's own enterprise management protocol, as long as these basic steps are executed in the sequence demonstrated.	3rd Party	Connect:Direct

STEP 2	Company confirms 3rd Party Link:Multi Protocol Label Switching (MPLS) through the Service Provider: Internet Solutions is online.	3rd Party	Connect:Direct
STEP 3	Company provides SARS with their Organisation details, user details, Node Name, Source IP and Port details by completing the form attached as per Appendix applicable, for enrolment purposes. Completed form should be sent to Bus_Sys_CDSupport@sars.gov.za	3rd Party	Connect:Direct or Sterling File Gateway (HTTPS)
STEP 4	SARS enrols and activates the organisation to use the Connect: Direct or Sterling File Gateway channel. SARS provides Company with a digital certificate to be used for authentication during file submission. For Sterling File Gateway a link will be provided for access to the gateway site.	SARS	Connect:Direct or Sterling File Gateway (HTTPS)
STEP 5	Company create a PEM file from that certificate provided (public key, Entrust CA, Lawtrust CA), and supply to SARS. PEM file to be send to _SPS_Connect_Direct@sars.gov.za	3rd Party	Connect:Direct
STEP 6	SARS import the PEM file into Trusted Client Cert store and grants the firewall access to submitting parties	SARS	Connect:Direct
STEP 7	Company start submitting files via connect Direct or Sterling File Gateway.	SARS	Connect:Direct or Sterling File Gateway (HTTPS)

Sincerely

ISSUED ON BEHALF OF THE DIVIDEND TAX TRADE TESTING TEAM FOR THE SOUTH AFRICAN REVENUE SERVICE
May 2015

APPENDIX A:

As explained in STEP 1 in the table above, the process syntax should be adapted to suit your organization's own enterprise management protocol, as long as these basic steps are executed in the sequence demonstrated below.

```
taxrun   process snode=sarsqa

validat  run task snode (pgm=UNIX)

         sysopts="cdvalidate.sh '<nopath_destinationfilename>_<yournodename>.<txt|zip|psv>'"

    if (validat ne 0) then

       exit
```

```
    eif
step1   copy from (file="<your-source-file>")
          to (file="<nopath_destinationfilename>_<yournodename>.<txt|zip|psv>")
    if (step1 eq 0) then
forward run task snode (pgm=UNIX)
        sysopts="ForwarderInbound.sh '<nopath_destinationfilename>_<yournodename>.<txt|zip|psv>'"
 eif
```

APPENDIX B: (Applicable to Connect: Direct and Sterling File Gateway (HTTPS) enrolment)

Organisation Details	
Organisation name	
Company registration Number (with slashes)	
Trading As	
Income Tax Reference Number	
<u>eFiling Business Administrator Details:</u> This user is equivalent to the current eFiling full administrator. The role of this user is to enrol the legal entity/organisation that will be submitting data to SARS. Thus user must also select the technical Administrator (TA) that will complete the enrolment process.	
Surname	
First name	
Login name	
Email Address	
Cell Phone number	
Telephone Number	
<u>Technical Administrator Details:</u> The role of this user is to request the digital certificate and to select/appoint technical users.	
Surname	
First name	
ID / Passport number	
Login name	
Email Address	
Cell Phone number	
Telephone Number	
<u>Technical User Details:</u> The role of this user is to submit files	
Surname	
First name	

ID / Passport number	
Login name	
Email Address	
Cell Phone number	
Telephone Number	

APPENDIX C: (Applicable to Connect: Direct enrolment)

Additional Connect Direct Information	
Node Name	
PC IP Address	
Buffer Size	
Number of Connects to Connect Direct	
Common Name (CN)	TheCN must= VAR1 + " " + VAR2 + "_" + VAR3 + "_" + VAR4 + "_" + VAR5, where • VAR1 = 'SARS' – This variable is a hardcoded string • VAR2 = Company registration number, e.g. 2004/003456/07 (without slashes, ie 200400345607) • VAR3 = Tax Reference number, number – the company's Income Tax reference number, e.g. 9087654321 • VAR4 = Tax type - in this case it will always be "IT" for Income Tax • VAR5 = ConnectDirect node name, e.g. CD. E.g. CN = **SARS_200400345607_9087654321_IT_CD**

APPENDIX D: (Only applicable for certificate renewals)

Organisation Details	
Organisation name	
Company registration Number (with slashes)	
Income Tax Reference Number	
Technical Administrator Details:	
First name	
ID / Passport number	
Login name	