Typical Configuration Of Access Server for Financial Terminal

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[Configuring the UNIX]

All the operations are the same as those of the VRP1.7 terminal access. So are the **ttyd.conf** contents.

1. Upload the latest ttyd specific for the VRP3.4 (**the current version is 10.01**) to **/etc/** of the UNIX.

2. vi /etc/inittab, add p21:234:respawn:/etc/getty ttyp21 m

If there are some ttyp systems or other services unused, modify them as previously p rovided, and then you can use them directly.

3. init q

4. Create **ttyd.conf** under **/etc/**:

serverport 9010 **/TCP port number is 9010/**

mode 1 **/Connection mode is 1-to-1/**

screen 1 **/Support screen reservation/**

readsize 300 **/Size (bytes) of the data once read by the ttyd program f rom the pseudo terminal/**

sendsize 512 **/Size (bytes) of the data once transmitted by the ttyd pr ogram to the network/**

ttyp21 26.0.187.100 1 **/Fixed terminal configuration/**

ttyp22 26.0.187.100 2 **/Fixed terminal configuration/**

[Configuring the Router]

Configuration script
rta server enable rta template test vty 0 tty remote 26.0.187.247 9010 1 vty 0 hotkey 1 96 13 vty 1 tty remote 26.0.187.94 9010 1 vty 1 hotkey 1 97 13 # menu hotkey 33 data protect router-unix # interface Async1/0 async mode terminal test 1 link-protocol ppp # interface Async1/1 async mode terminal test 2 link-protocol ppp # interface Ethernet0/1 ip address 26.0.187.100 255.255.255.0 # user-interface tty 17 18 flow-control software

1. disp user-interface

<Quidway>disp user-int

Idx	Type	Tx/Rx	Modem	Privi	Auth	Int
+ 0	CON 0	9600	-	3	N	-
17	TTY 17	9600	-	0	N	1/0
18	TTY 18	9600	-	0	N	1/1
19	TTY 19	9600	-	0	N	1/2
20	TTY 20	9600	-	0	N	1/3
21	TTY 21	9600	-	0	N	1/4
22	TTY 22	9600	-	0	N	1/5
23	TTY 23	9600	-	0	N	1/6
24	TTY 24	9600	-	0	N	1/7
25	TTY 25	9600	-	0	N	1/8
26	TTY 26	9600	-	0	N	1/9
27	TTY 27	9600	-	0	N	1/10
28	TTY 28	9600	-	0	N	1/11
29	TTY 29	9600	-	0	N	1/12

30 TTY 30 9600 - 0 N 1/13
31 TTY 31 9600 - 0 N 1/14
32 TTY 32 9600 - 0 N 1/15
129 AUX 0 9600 - 0 P -
130 VTY 0 - 0 A -
131 VTY 1 - 0 A -
132 VTY 2 - 0 A -
133 VTY 3 - 0 A -
134 VTY 4 - 0 A -
UI(s) not in async mode -or- with no hardware support:
1-16 33-128
+ : Current UI is active.
F : Current UI is active and work in async mode.
Idx : Absolute index of UIs.
Type : Type and relative index of UIs.
Privi: The privilege of UIs.
Auth : The authentication mode of UIs.
Int : The physical location of UIs.
A : Authentication use AAA.
L : Authentication use local database.
N : Current UI need not authentication.
P : Authentication use current UI's password.

1. If the RTA server has been started, any modification to the template applied on the interface will not take effect. You have to execute the **undo asy mode** command in t he asynchronous interface view, and then execute the **asy mode terminal test 1** co mmand again.

2. **Source address binding**
Execute the vty 0 tty remote 26.0.187.247 9010 1 **source 192.168.0.1** command to c hange the router
Execute the **ttyp21 192.168.0.1 1** command to change **ttyd.conf**

3. View the ascii code stream of the relevant key on the terminal
debug phy packet input int asy1/0

4. <Quidway>**disp rta all**
TTYID TTY State Current VTY Current APP APP Type APP State
1 DOWN 0 0 TTY Kept
2 OK 0 1 TTY Linked
[Quidway]**dis rta 1 detail**
TTY 1
Interface Used : Async1/0
Current State : Ok
Flow Control : Stop
Current debug : 0x0
Current VTY : 0
Current APP : 0
APP Type : 1
App Name : <empty>
App State : Linked
App Mode : Special
Socket RecvBuf Size : 2048 Bytes
Socket SendBuf Size : 1024 Bytes
Tty Recv Bytes : 154 Bytes
Tty Send Bytes : 4167 Bytes
Last Recv Time : 14:13:57
Last Send Time : 14:13:58
Current VTY Recv : 154 Bytes
Current VTY Send : 4167 Bytes
Current APP Recv : 2480 Bytes
Current APP Send : 105 Bytes
Encrypt(Router to Unix): no
Encrypt(Router to Terminal): no

Receive remote buffer address: 4fdac24
Receive buffer head: 2480
Receive buffer tail: 2480

VTY 0
APP Index: 0
APP Type: TTY
Mode: 1
APP Name: (null)
APP State: Linked
Remote IP: 26.0.187.247
Source IP: 0.0.0.0
Actual Source IP: 0.0.0.0
Remote Port: 9010
Local Port: 1069
Encrypt Now: no
Receive remote buffer address: 4fdac24
Receive buffer head: 0
Receive buffer tail: 0