

Patton 4960 (4 E1 T1)

The following config is for a Patton 4960 Gateway.

The gateway is configured with a single PRI.

```
#-----#  
  
1. #  
2. SN4960/4E24V/UI #  
3. R4.T 2006-12-11_RFE438 H323 RBS SIP #  
4. 2007-02-02T01:22:53 #  
5. Generated configuration file #  
6. #  
#-----#  
  
cli version 3.20  
administrator administrator password xxxxxx encrypted  
clock local offset -08:00  
  
1. Put in your DNS Server  
  dns-client server xxx.xxx.xxx.xxx  
  dns-relay  
  webservice port 80 language en  
  sntp-client  
2. Put in your primary and secondary SNTP time server  
  sntp-client server primary xxx.xxx.xxx.xxx port 123 version 4  
  sntp-client server secondary xxx.xxx.xxx.xxx port 123 version 4  
  sntp-client poll-interval 36000  
  sntp-client local-clock-offset  
3. Enter your gateway's fqdn  
  system hostname gateway.xyz.com  
  
system  
  
ic voice 0  
pcm law-select uLaw  
  
system  
clock-source 1 e1t1 0 0  
clock-source 2 internal  
  
profile napt NAPT_WAN  
  
profile napt NAPT  
  
profile ppp default  
  
profile call-progress-tone US_Dialtone  
  
profile call-progress-tone US_Alertingtone  
play 1 2000 440 -19 480 -19  
pause 2 4000  
  
profile call-progress-tone US_Busytone  
play 1 500 480 -24 620 -24  
pause 2 500  
  
profile tone-set default  
  
profile tone-set US  
map call-progress-tone dial-tone US_Dialtone  
map call-progress-tone ringback-tone US_Alertingtone  
map call-progress-tone busy-tone US_Busytone  
map call-progress-tone release-tone US_Busytone  
map call-progress-tone congestion-tone US_Busytone  
  
profile voip default  
codec 1 g711ulaw64k rx-length 20 tx-length 20  
codec 2 g711alaw64k rx-length 20 tx-length 20  
  
profile pstn default  
  
profile sip default  
  
profile aaa default  
method 1 local  
method 2 none
```

```
context ip router
```

```
interface WAN  
ipaddress dhcp  
use profile napt NAPT_WAN  
tcp adjust-mss rx mtu  
tcp adjust-mss tx mtu
```

```
interface LAN
```

1. Enter the IP address of your gateway
ipaddress xxx.xxx.xxx.xxx 255.255.255.0
tcp adjust-mss rx mtu
tcp adjust-mss tx mtu

```
context ip router
```

1. Enter your default gateway
route 0.0.0.0 0.0.0.0 xxx.xxx.xxx.xxx 0

```
context cs switch  
digit-collection timeout 4
```

```
routing-table called-e164 TAB_OUT  
route .%T dest-interface IF-SIP1
```

```
routing-table called-e164 TAB_IN  
route default dest-service OUTBOUND
```

```
mapping-table called-e164 to called-e164 STIP-ALL  
map default to ""
```

```
interface isdn IF_PRI_1  
route call dest-table TAB_OUT  
use profile tone-set US  
caller-name send-information-following  
user-side-ringback-tone
```

```
interface sip IF-SIP1  
bind gateway GW-SIP  
service default  
route call dest-table TAB_IN
```

1. Enter your SIP domain name
remote xyz.com
no address-translation incoming-call calling-uri

```
service hunt-group OUTBOUND  
drop-cause normal-unspecified  
drop-cause no-circuit-channel-available  
drop-cause network-out-of-order  
drop-cause temporary-failure  
drop-cause switching-equipment-congestion  
drop-cause access-info-discarded  
drop-cause circuit-channel-not-available  
drop-cause resources-unavailable  
route call 1 dest-interface IF_PRI_1
```

```
context cs switch  
no shutdown
```

```
gateway sip GW-SIP  
bind interface LAN router
```

```
service default
```

1. Enter your SIP domain name below
registration manual xyz.com

```
gateway sip GW-SIP  
no shutdown
```

```
port ethernet 0 0  
medium auto  
encapsulation ip  
bind interface WAN router  
no shutdown
```

```
port ethernet 0 1
medium auto
encapsulation ip
bind interface LAN router
no shutdown
```

```
port e1t1 0 0
port-type t1
clock slave
linecode b8zs
framing esf
encapsulation q921
```

```
q921
permanent-layer2
uni-side user
encapsulation q931
```

```
q931
```

1. set your protocol to ni2 might also be dms100
protocol ni2
uni-side user
bchan-number-order ascending-cyclic
encapsulation cc-isdn
bind interface IF_PRI_1 switch

```
port e1t1 0 0
no shutdown
```

```
port e1t1 0 1
port-type e1
clock master
framing crc4
shutdown
```

```
port e1t1 0 2
port-type e1
clock master
framing crc4
shutdown
```

```
port e1t1 0 3
port-type e1
clock master
framing crc4
shutdown
```