

# How to use Acme Packet SBC with nrenum.net

## 1. Check that the SBC is licensed to use ENUM:

```
sbc1# show features
```

Enabled features:

1000 sessions, SIP, H323, IWF, QOS, ACP, Routing, Load Balancing,  
Accounting, High Availability, LI, Software TLS, *ENUM*, DoS,  
IPv4-v6 Interworking, IDS

## 2. Configure the ENUM tree(s) that the SBC needs to query.

```
sbc1# show running-config enum-config
```

```
enum-config
```

```
name                e164.arpa
top-level-domain    e164.arpa
realm-id            {the realm you want your ENUM query to egress}
enum-servers        {your primary ENUM server IP address}
                    {your secondary ENUM server IP address }
service-type        E2U+sip,sip+E2U
query-method        hunt
timeout             3
cacheInactivityTimer 3600
max-response-size   512
```

health-query-number <b>+437200101011}</b>	<i>{a number in the tree which you know exists, eg,</i>
health-query-interval	60
failover-to	
cache-addl-records	enabled
include-source-info	disabled
enum-config	
name	nrenum.net
top-level-domain	nrenum.net
realm-id	<i>{the realm you want your ENUM query to egress}</i>
enum-servers	<i>{your primary ENUM server}</i>
	<i>{your secondary ENUM server}</i>
service-type	E2U+sip,sip+E2U
query-method	hunt
timeout	3
cacheInactivityTimer	3600
max-response-size	512
health-query-number	<i>{a number in the tree which you know exists}</i>
health-query-interval	90
failover-to	
cache-addl-records	enabled
include-source-info	disabled

### **3. Configure a local policy to query the enum trees accordingly**

**Note: The called number needs to be in the standard global ITU format including the leading “plus”. eg, +437200101011**

local-policy

from-address

\*

to-address

\*

source-realm

\*

description

Global routing table

state

enabled

policy-attribute

next-hop

[enum:e164.arpa](#)

realm

*{egress realm to send the call}*

cost

200

app-protocol

SIP

state

enabled

policy-attribute

next-hop

[enum:nrenum.net](#)

realm

*{egress realm to send the call}*

cost

300

app-protocol

SIP

state

enabled

For further reference from the Acme Packet ACLI Admin guide.

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