



subject: **Security for Speed-Calling Names and Billing**

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from: **BNS-2000 Customer Support  
1800WE2CARE**

*PRODUCT DOCUMENTATION NOTICE*

This memo describes a small change to the **enter address**, **change address**, and **verify address** commands.

BNS-2000 supports a security mechanism called "originating group security". It allows the Network Administrator to associate a list of security patterns with an address. This list is used to check against the originating group name of a caller to this address. These patterns can be associated with addresses at the network, area, exchange or local name level. Previously they could not be associated with speed-calling names. In addition, certain "internal" addresses, in particular, "billing", have never been configurable with security pattern lists. It is highly desirable to allow this feature on billing, since the type of data output to the billing port is of a highly sensitive nature.

The basis of this feature is to allow the administration of security strings associated with speed-calling names and with the special address, billing, and to use those strings during call setup for security checking. The checking done will be identical to that currently done for any level of addressing (network, area, exchange and local). In addition, once the speed-calling name has been expanded, each level of address in the expansion will be checked for security, just as it is today. This affects the commands **enter address**, **change address**, and **verify address**. You will see different prompts for "enter address" and "change address" when the object is a speed calling name or billing. The same is true for the output of "verify address" on these objects. The new prompts and output of verify for speed calling names are:

```
CC0> enter addr
LEVEL [network, area, exchange, local, speedcall: +(local)]: speed
TYPE [numeric, mnemonic, both: +(mnemonic)]:
MNEMONIC ADDRESS [up to 8 chars]: security
DIAL STRING ENTRY [up to 72 chars]:
tyhost
DISPLAY DIAL STRING AS DIRECTORY ASSISTANCE [yes, no: +(no)]: no
ORIGINATING GROUP NAME SECURITY PATTERN(S)
[comma-separated pattern list, same_as, none: +(none)]:
tyogrp
INITIAL SERVICE STATE [in, out: +(out)]: out
```

```
LEVEL [network, area, exchange, local, speedcall: +(local)]:
```

```
CC0> change addr
LEVEL [network, area, exchange, local, speedcall: +(local)]: speed
CURRENT ADDRESS: security
NEW TYPE [numeric, mnemonic, both: +(mnemonic)]:
NEW MNEMONIC ADDRESS [up to 8 chars: +(security)]:
DIAL STRING ENTRY [up to 72 chars:
+(tyhost)]:

DISPLAY DIAL STRING AS DIRECTORY ASSISTANCE [yes, no: +(no)]:
ORIGINATING GROUP NAME SECURITY PATTERN(S)
[comma-separated pattern list, same_as, none:
+(tygrp)]:
*ogrp
```

```
LEVEL [network, area, exchange, local, speedcall: +(local)]:
```

```
CC0> verify addr speed security
```

```
93-01-25 11:42:51 NODE=topcat
M verify address speed security

MNEMONIC ADDRESS: security X.121 NANP ADDRESS:
LEVEL: speedcall SERVICE STATE: out

DIAL STRING:
tyhost

DIAL STRING NOT SHOWN AS DIRECTORY ASSISTANCE

SECURITY: *ogrp
```

```
CC0>
```

The output for "enter address", "change address" and "verify address" for billing:

```
CC0> enter address
LEVEL [network, area, exchange, local, speedcall: +(local)]:
TYPE [numeric, mnemonic, both: +(mnemonic)]:
MNEMONIC ADDRESS [up to 8 chars]: billing
DIRECTORY ENTRY [up to 30 chars double quoted, none: +(none)]:

ORIGINATING GROUP NAME SECURITY PATTERN(S)
[comma-separated pattern list, same_as, none: +(none)]:
tygrp

LEVEL [network, area, exchange, local, speedcall: +(local)]:
```

```
CC0> change address
LEVEL [network, area, exchange, local, speedcall: +(local)]:
CURRENT ADDRESS: billing
DIRECTORY ENTRY [up to 30 chars double quoted, none:
+(none)]:
ORIGINATING GROUP NAME SECURITY PATTERN(S)
[comma-separated pattern list, same_as, none:
+(tyogrp)]:
*ogrp
```

```
LEVEL [network, area, exchange, local, speedcall: +(local)]:
```

```
CC0>
```

```
CC0> ver addr local billing
```

```
93-01-25 11:55:50 NODE=topcat
M verify address local billing
```

```
MNEMONIC ADDRESS: billing X.121 NANP ADDRESS:
LEVEL: local SERVICE STATE: in
```

```
DIRECTORY: none
SECURITY: tyogrp
```

```
GROUP: billing
```

This document corrects product document Data Networking Products Commands Reference, (Issue 1), CIC ID 255-100-234, pages 3-15 through 3-17, and 3-20 through 3-26.