
Tipmenu
Release Notes

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Tipmenu Release Notes

Tipmenu is a connection type that allows a non-administrative (or administrative) user to *tip* to a port. This document describes tipmenu as it is implemented in version 3.0.6 of the RAS 2000 kernel.

When initially setting up a system, connect a terminal or PC to port 0 (console port) of the RAS 2000. Table 1 shows the tipmenu setup commands and Table 2 shows the commands once a tipmenu session is initialized.

Table 1 Tipmenu Setup Commands

Command	Description
tipmenu -n port name	Give the port a symbolic name
tipmenu -e [port all]	Enable tipmenu access to the port
tipmenu -E [port all]	Enable tipmenu access and set the port for tip
tipmenu -d [port all]	Disable tipmenu access to the port
tipmenu -x	Reset tipmenu settings to default

Table 2 Tipmenu Initialized Commands

Command	Description
refresh	Displays status of all 64 ports
quit	Exits tipmenu

Set-up Method

Use the following procedure for a set-up.

1. Set all ports for disabled login and modem enabled by typing:

```
# set port 1-63 login disabled modem yes
```

(See **NOTE** next page)

NOTE: If the port is set to modem yes, tip will exit when carrier is lost. If the port is set to modem no, tip will not exit when carrier is lost or detected.

2. Kill all processes running on all ports by typing the following command:

kill port 1-63

3. Enable all ports for tipmenu access by typing the following command:

tipmenu -e all

4. Save these changes by typing the following command:

save

5. Access the tipmenu by typing the following command:

tipmenu

The following is displayed:

0: n/a	16: Port 16	32: Port 32	48: Port 48
1: Port 1	17: Port 17	33: Port 33	49: Port 49
2: Port 2	18: Port 18	34: Port 34	50: Port 50
3: Port 3	19: Port 19	35: Port 35	51: Port 51
4: Port 4	20: Port 20	36: Port 36	52: Port 52
5: Port 5	21: Port 21	37: Port 37	53: Port 53
6: Port 6	22: Port 22	38: Port 38	54: Port 54
7: Port 7	23: Port 23	39: Port 39	55: Port 55
8: Port 8	24: Port 24	40: Port 40	56: Port 56
9: Port 9	25: Port 25	41: Port 41	57: Port 57
10: Port 10	26: Port 26	42: Port 42	58: Port 58
11: Port 11	27: Port 27	43: Port 43	59: Port 59
12: Port 12	28: Port 28	44: Port 44	60: Port 60
13: Port 13	29: Port 29	45: Port 45	61: Port 61
14: Port 14	30: Port 30	46: Port 46	62: Port 62
15: Port 15	31: Port 31	47: Port 47	63: Port 63
# tip to port:			

6. Enter the port number you want to tip to

■ End of Procedure

Setting a Name for a Port

To set the name for a device connected to a particular port, enter the **tipmenu -n [port] name** command.

Console you type: # tipmenu -n 1 Cisco

Console you type: # tipmenu

Display:	0: n/a	16: n/a	32: n/a	48: n/a
	1: Cisco	17: n/a	33: n/a	49: n/a
	2: Port 2	18: n/a	34: n/a	50: n/a
	3: Port 3	19: n/a	35: n/a	51: n/a
	4: Port 4	20: n/a	36: n/a	52: n/a
	5: Port 5	21: n/a	37: n/a	53: n/a
	6: Port 6	22: n/a	38: n/a	54: n/a
	7: Port 7	23: n/a	39: n/a	55: n/a
	8: Port 8	24: n/a	40: n/a	56: n/a
	9: Port 9	25: n/a	41: n/a	57: n/a
	10: Port 10.	26: n/a	42: n/a	58: n/a
	11: Port 11	27: n/a	43: n/a	59: n/a
	12: Port 12	28: n/a	44: n/a	60: n/a
	13: Port 13	29: n/a	45: n/a	61: n/a
	14: Port 14	30: n/a	46: n/a	62: n/a
	15: Port 15	31: n/a	47: n/a	63: n/a
	16: n/a	32: n/a	48: n/a	
	# tip to port:			

Creating a Tip User

To tip to the ports you have set up, you must have a user that has its *connection option* set properly. Use the following procedure to create a user called *tipuser*:

1. Log in as root.

```
Welcome to the RAS2000 by Computone
IntelliServer Release 3.0.5k (us)
dot14 login: root
Password:
dot14#
```

2. Enter the menu by typing “menu” at the command prompt.

```
Connections
Administration
Command Line Shell
Logout
```

3. Select Administration / Users / Create a User. The following is displayed:

Computone	IntelliServer	Revision 3.0.5k (us)
-----------	---------------	----------------------

User Name [tipuser]
Password [*****]
Confirm Password []
Comment []
Connection Option [Tip Menu]
Initial number of Sessions [1]
Administrative Privileges [No]

Lock	GC#	Command	Arguments
0 [No]	[2]	[Disabled]	[]
1 [No]	[3]	[Disabled]	[]
2 [No]	[4]	[Disabled]	[]
3 [Yes]	[0]	[Disabled]	[]
4 [Yes]	[0]	[Disabled]	[]
5 [Yes]	[0]	[Disabled]	[]
6 [Yes]	[0]	[Disabled]	[]
7 [Yes]	[0]	[Disabled]	[]

Use 'ESC' to save and exit, Ctrl-N for Navigation Keys
Node: dot14 Port:pts00 Session: 0 User: root '?' for Help

4. Enter tipuser for *User Name*.
5. Press the **Tab** key until the *Connection Option* is highlighted. Then, press the space bar until the **Tip Menu** option is shown.
6. Press the **Esc** key to save and exit.
7. Exit the menu after changing the connection option for tipuser.

8. Login as tipuser. The following is displayed:

```
Welcome to the RAS2000 by Computone

IntelliServer Release 3.0.5k (us)
dot14 login: tipuser
Password:

0: disabled   16: n/a      32: n/a      48: n/a
1: n/a        17: n/a      33: n/a      49: n/a
2: Cisco1    18: n/a      34: n/a      50: n/a
3: Cisco2    19: n/a      35: n/a      51: n/a
4: NCR       20: n/a      36: n/a      52: n/a
5: IBM       21: n/a      37: n/a      53: n/a
6: Port 6    22: n/a      38: n/a      54: n/a
7: Port 7    23: n/a      39: n/a      55: n/a
8: Port 8    24: n/a      40: n/a      56: n/a
9: Port 9    25: n/a      41: n/a      57: n/a
10: Port 10  26: n/a      42: n/a      58: n/a
11: Port 11  27: n/a      43: n/a      59: n/a
12: Port 12  28: n/a      44: n/a      60: n/a
13: Port 13  29: n/a      45: n/a      61: n/a
14: Port 14  30: n/a      46: n/a      62: n/a
15: Port 15  31: n/a      47: n/a      63: n/a

tip to port:
```

9. Enter the number of the port you want to tip to.

That's all there is to it! You have an established **tip** connection for user tipuser.

■ End of Procedure