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Trouble Shooting Commands



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Chapter 1 Trouble Shooting Commands

1.1 show buffer

[Function]

Show the buffer information of the port.

[Command Format]

show buffer [*port* <1-26>]

[Parameter]

port <1-26>: specify the port number (optional).

[Command Modes]

Privileged EXEC; privileged user

[Executing Command Instruction]

If the port number is not specified, show all the port driver pool information.

[Example]

Raisecom(config)# **show buffer** *port* 2

Port 2

```

-----
Total mBlks: 500      Free mBlks: 500      DATA: 0

HEADER:  0      SOCKET:  0      PCB:      0

RTABLE:  0      HTABLE:  0      ATABLE:  0

SONAME:  0      ZOMBIE:  0      SOOPTS:  0

FTABLE:  0      RIGHTS:  0      IFADDR:  0

CONTROL: 0      OOBDATA: 0      IPMOPTS: 0

IPMADDR: 0      IFMADDR: 0      MRTABLE: 0

```

1.2 show diags

[Function]

Show port diagnose information.

[Command Format]

show diags *link-flap*

[Parameter]

link-flap: show UP/DOWN times and their speed(number of UP/DOWN at the last minute).

[Command Modes]

Privileged EXEC; privileged user.

[Example]

Raisecom#**show diags 1**

<i>Port</i>	<i>Total</i>	<i>Last Min</i>

19	2	0
21	2	2

1.3 show memory

[Function]

Show memory information.

[Command Format]

show memory

[Command Mode]

Privileged EXEC; privileged user.

[Example]

Raisecom#**show memory**

FREE LIST:

<i>num</i>	<i>addr</i>	<i>size</i>

1	0x27db148	9120
2	0x3483100	16904
3	0x27ddd50	160
4	0x916220	32017512
5	0x3e00000	2077144

SUMMARY:

<i>status</i>	<i>bytes</i>	<i>blocks</i>	<i>avg block</i>	<i>max block</i>

<i>current</i>				

```

      free  34120840      5    6824168  32017512
      alloc 23460160    62554      375      -
cumulative
      alloc 23591248    64754      364      -

```

1.4 show process

[Function]

Show the status and stack information of the process.

[Command Format]

show processes

[Command Modes]

Privileged EXEC, privileged user

[Example]

Raisecom#**show processes**

Task Information :

total time elapse is 0(ticks) 0 m 0 ms

Task STATUS: RDY- ready ; SUP- suspended; POS-pend on sem;

TSD- task delay;DTS-dead task

<i>taskid</i>	<i>task Name</i>	<i>stk(B)</i>	<i>prio</i>	<i>status</i>	<i>Ecode</i>	<i>Rtime(sws /ticks%)</i>
3bfe9e0	tExcTask	7744	0	POS	3d0001	(0 / 0.0%)
3bfc058	tLogTask	4760	0	POS	0	(0 / 0.0%)
348bd78	tWdbTask	7656	3	POS	0	(0 / 0.0%)
2c71c38	tED	8024	20	POS	3d0002	(0 / 0.0%)
2a055c0	tSch	8056	30	TSD	0	(0 / 0.0%)
29e5188	tRmonTm	1896	30	TSD	0	(0 / 0.0%)
2a4aa00	tStpRecv	4832	35	POS	0	(0 / 0.0%)
34e22d0	tNetTask	9792	50	POS	3d	(4 / 0.0%)
2e7d9d8	tDPC	15928	50	POS	0	(0 / 0.0%)
2e2a988	tARL.0	15928	50	POS	0	(0 / 0.0%)
2da6710	tLINK.0	15912	50		3d0004	(3 / 0.0%)
2db3bd0	tCOUNTER.0	15896	50		3d0004	(3 / 0.0%)
27d9500	tScrnbG_0	13888	50	RDY	30067	(28 / 0.0%)
27d1c78	tScrnbG_1	16192	50	POS	0	(0 / 0.0%)
27ca4e0	tScrnbG_2	16192	50	POS	0	(0 / 0.0%)
27c2d48	tScrnbG_3	16192	50	POS	0	(0 / 0.0%)
27bb5b0	tScrnbG_4	16192	50	POS	0	(0 / 0.0%)

27b3e18	tScrnBg_5	16192	50	POS	0 (0 / 0.0%)
2a6ba58	tRndpRecv	7944	51	POS	0 (0 / 0.0%)
2a632d0	tRtdpRecv	7912	51	POS	0 (1 / 0.0%)
2907680	tCcomTm	840	55	TSD	0 (2 / 0.0%)
348df68	tSntpS	4344	56	POS	0 (0 / 0.0%)
2a7c008	tDhcpS	19464	56		0 (0 / 0.0%)
2a6f480	tLoopD	3944	60	TSD	0 (10 / 0.0%)
2906408	tCcom	3848	60	POS	0 (2 / 0.0%)
2a1e7f0	tRmon	32632	75	TSD	81000c (15 / 0.0%)
2a11358	tPortStats	3632	75	TSD	0 (6 / 0.0%)
2a0aeb8	tLinkTrap	8040	75	TSD	0 (2 / 0.0%)
2a06868	tColdTrap	3944	75	TSD	0 (1 / 0.0%)
2a23a38	tIcmpTm	2848	100	TSD	0 (0 / 0.0%)
2a22c20	tIcmpSnoop	3816	100	POS	0 (0 / 0.0%)
2a21a08	tSnmp	11816	100	POS	0 (0 / 0.0%)
2a16590	tIpBind	3904	100	TSD	81000c (1 / 0.0%)
2a08b78	tEndStat	7832	100		3d0004 (0 / 0.0%)
29e2558	tRmonAlrm	7976	100	POS	0 (2 / 0.0%)
27aea90	tTelnetdOut0	3336	100	POS	0 (0 / 0.0%)
27ad878	tTelnetdIn0	3384	100	POS	0 (0 / 0.0%)
27ac610	tTelnetdOut1	3336	100	POS	0 (0 / 0.0%)
27ab3f8	tTelnetdIn1	3384	100	POS	0 (0 / 0.0%)
27aa190	tTelnetdOut2	3336	100	POS	0 (0 / 0.0%)
27a8f78	tTelnetdIn2	3384	100	POS	0 (0 / 0.0%)
27a7d10	tTelnetdOut3	3336	100	POS	0 (0 / 0.0%)
27a6af8	tTelnetdIn3	3384	100	POS	0 (0 / 0.0%)
27a5890	tTelnetdOut4	3336	100	POS	0 (0 / 0.0%)
27a4678	tTelnetdIn4	3384	100	POS	0 (0 / 0.0%)
27a3460	tTelnetd	3640	100	POS	0 (0 / 0.0%)
3489320	tSyslog	7968	105	POS	0 (0 / 0.0%)
2daaac8	tx_cb	15912	110	POS	0 (0 / 0.0%)
348f558	tSntpCLsn	4760	150	TSD	0 (1 / 0.0%)
2a52d20	tRelay	3880	151	POS	0 (0 / 0.0%)
2da0958	rx0	15888	200		3d0004 (29 / 0.0%)
2cc1c98	tArlAging	1896	200	TSD	0 (0 / 0.0%)
2b38248	tSnmpTm	3856	200	POS	0 (0 / 0.0%)
2c25d60	tRosInit	5912	250	POS	81000e (0 / 0.0%)
2a730d0	tStpTm	3808	250	TSD	0 (6 / 0.0%)

27af260 tIdle 568 251 RDY 0 (281 / 0.0%)

1.5 show tech-support

[Function]

Show technical support information, all the information about trouble shooting.

[Command Format]

show tech-support

[Command Modes]

Privileged EXEC; privileged user.

[Example]

Raisecom#**show tech-support**



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