Virtual address: 1383 TLB: 0 Physical address: 103 Value: 89

Virtual address: 9158 TLB: 1 Physical address: 454 Value: 8

Virtual address: 6249 TLB: 2 Physical address: 617 Value: 0

Virtual address: 2163 TLB: 3 Physical address: 883 Value: 28

Virtual address: 7249 TLB: 4 Physical address: 1105 Value: 0

Virtual address: 7423 TLB: 4 Physical address: 1279 Value: 63

Virtual address: 5194 TLB: 5 Physical address: 1354 Value: 5

Virtual address: 6380 TLB: 2 Physical address: 748 Value: 0

Virtual address: 7977 TLB: 6 Physical address: 1577 Value: 0

Virtual address: 15565 TLB: 7 Physical address: 1997 Value: 0

Virtual address: 6330 TLB: 2 Physical address: 698 Value: 6

Virtual address: 6059 TLB: 8 Physical address: 2219 Value: -22

Virtual address: 498 TLB: 9 Physical address: 2546 Value: 0

Virtual address: 7931 TLB: 10 Physical address: 2811 Value: -66

Virtual address: 10723 TLB: 11 Physical address: 3043 Value: 120

Virtual address: 8518 TLB: 12 Physical address: 3142 Value: 8

Virtual address: 124 TLB: 13 Physical address: 3452 Value: 0

Virtual address: 8898 TLB: 14 Physical address: 3778 Value: 8

Virtual address: 2132 TLB: 3 Physical address: 852 Value: 0

Virtual address: 10232 TLB: 15 Physical address: 4088 Value: 0

Virtual address: 8987 TLB: 1 Physical address: 283 Value: -58

Virtual address: 10728 TLB: 11 Physical address: 3048 Value: 0

Virtual address: 3559 TLB: 0 Physical address: 4327 Value: 121

Virtual address: 909 TLB: 1 Physical address: 4493 Value: 0

Virtual address: 3958 TLB: 2 Physical address: 4726 Value: 3

Virtual address: 9562 TLB: 3 Physical address: 4954 Value: 9

Virtual address: 14638 TLB: 4 Physical address: 5166 Value: 14

Virtual address: 12899 TLB: 5 Physical address: 5475 Value: -104

Virtual address: 563 TLB: 6 Physical address: 5683 Value: -116

Virtual address: 6047 TLB: 8 Physical address: 2207 Value: -25

Virtual address: 1225 TLB: 7 Physical address: 6089 Value: 0

Virtual address: 1946 TLB: 8 Physical address: 6298 Value: 1

Virtual address: 15206 TLB: 9 Physical address: 6502 Value: 14

Virtual address: 7474 TLB: 10 Physical address: 6706 Value: 7

Virtual address: 4109 TLB: 11 Physical address: 6925 Value: 0

Virtual address: 6071 TLB: 12 Physical address: 2231 Value: -19

Virtual address: 14897 TLB: 13 Physical address: 7217 Value: 0

Virtual address: 9304 TLB: 14 Physical address: 7512 Value: 0

Virtual address: 12451 TLB: 15 Physical address: 7843 Value: 40

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Virtual address: 2397 TLB: 2 Physical address: 8285 Value: 0

Virtual address: 12549 TLB: 3 Physical address: 8453 Value: 0

Virtual address: 8983 TLB: 4 Physical address: 279 Value: -59

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Virtual address: 6889 TLB: 6 Physical address: 9193 Value: 0

Virtual address: 1118 TLB: 7 Physical address: 5982 Value: 1

Virtual address: 10452 TLB: 5 Physical address: 8916 Value: 0

Virtual address: 15787 TLB: 7 Physical address: 9387 Value: 106

Virtual address: 3250 TLB: 8 Physical address: 9650 Value: 3

Virtual address: 4301 TLB: 11 Physical address: 7117 Value: 0

Virtual address: 8390 TLB: 9 Physical address: 9926 Value: 8

Virtual address: 13979 TLB: 10 Physical address: 10139 Value: -90

Virtual address: 7860 TLB: 11 Physical address: 2740 Value: 0

Virtual address: 9300 TLB: 14 Physical address: 7508 Value: 0

Virtual address: 1553 TLB: 12 Physical address: 10257 Value: 0

Virtual address: 1038 TLB: 13 Physical address: 5902 Value: 1

Virtual address: 7554 TLB: 14 Physical address: 6786 Value: 7

Virtual address: 14452 TLB: 15 Physical address: 10612 Value: 0

Virtual address: 1601 TLB: 12 Physical address: 10305 Value: 0

Virtual address: 13601 TLB: 0 Physical address: 10785 Value: 0

Virtual address: 15677 TLB: 7 Physical address: 9277 Value: 0

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Virtual address: 12423 TLB: 2 Physical address: 7815 Value: 33

Virtual address: 6768 TLB: 6 Physical address: 9072 Value: 0

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Virtual address: 14204 TLB: 8 Physical address: 12156 Value: 0

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Virtual address: 13839 TLB: 0 Physical address: 9999 Value: -125

Virtual address: 149 TLB: 2 Physical address: 3477 Value: 0

Virtual address: 6065 TLB: 3 Physical address: 2225 Value: 0

Virtual address: 13803 TLB: 4 Physical address: 10987 Value: 122

Virtual address: 9457 TLB: 5 Physical address: 7665 Value: 0

Virtual address: 4275 TLB: 6 Physical address: 7091 Value: 44

Virtual address: 15877 TLB: 7 Physical address: 13829 Value: 0

Virtual address: 7663 TLB: 8 Physical address: 6895 Value: 123

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Virtual address: 10913 TLB: 12 Physical address: 11425 Value: 0

Virtual address: 570 TLB: 13 Physical address: 5690 Value: 0

Virtual address: 2789 TLB: 14 Physical address: 11749 Value: 0

Virtual address: 4042 TLB: 15 Physical address: 4810 Value: 3

Virtual address: 12299 TLB: 0 Physical address: 7691 Value: 2

Virtual address: 2763 TLB: 14 Physical address: 11723 Value: -78

Virtual address: 16336 TLB: 10 Physical address: 13008 Value: 0

Virtual address: 12616 TLB: 1 Physical address: 8520 Value: 0

Virtual address: 583 TLB: 13 Physical address: 5703 Value: -111

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Virtual address: 8362 TLB: 6 Physical address: 9898 Value: 8

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Virtual address: 6572 TLB: 5 Physical address: 8108 Value: 0

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Virtual address: 7707 TLB: 8 Physical address: 2587 Value: -122

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Virtual address: 15923 TLB: 11 Physical address: 13875 Value: -116

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Virtual address: 3811 TLB: 12 Physical address: 12515 Value: -72

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Virtual address: 5191 TLB: 15 Physical address: 1351 Value: 17

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Virtual address: 1058 TLB: 3 Physical address: 5922 Value: 1

Virtual address: 281 TLB: 1 Physical address: 2329 Value: 0

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Virtual address: 21144 TLB: 5 Physical address: 18072 Value: 0

Virtual address: 30258 TLB: 6 Physical address: 18226 Value: 29

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Virtual address: 26848 TLB: 8 Physical address: 18912 Value: 0

Virtual address: 19065 TLB: 9 Physical address: 19065 Value: 0

Virtual address: 23629 TLB: 10 Physical address: 19277 Value: 0

Virtual address: 27197 TLB: 2 Physical address: 17213 Value: 0

Virtual address: 23092 TLB: 11 Physical address: 19508 Value: 0

Virtual address: 23996 TLB: 12 Physical address: 19900 Value: 0

Virtual address: 28255 TLB: 13 Physical address: 20063 Value: -105

Virtual address: 23374 TLB: 14 Physical address: 20302 Value: 22

Virtual address: 17015 TLB: 15 Physical address: 16503 Value: -99

Virtual address: 17914 TLB: 15 Physical address: 20730 Value: 17

Virtual address: 19403 TLB: 0 Physical address: 20939 Value: -14

Virtual address: 26732 TLB: 8 Physical address: 18796 Value: 0

Virtual address: 32005 TLB: 1 Physical address: 20997 Value: 0

Virtual address: 27308 TLB: 2 Physical address: 17324 Value: 0

Virtual address: 21638 TLB: 2 Physical address: 21382 Value: 21

Virtual address: 32289 TLB: 3 Physical address: 21537 Value: 0

Virtual address: 31275 TLB: 4 Physical address: 21803 Value: -118

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Virtual address: 11609 TLB: 11 Physical address: 11097 Value: 0

Virtual address: 9683 TLB: 12 Physical address: 5075 Value: 116

Virtual address: 8273 TLB: 13 Physical address: 9809 Value: 0

Virtual address: 15789 TLB: 14 Physical address: 9389 Value: 0

Virtual address: 12204 TLB: 15 Physical address: 13740 Value: 0

Virtual address: 6022 TLB: 0 Physical address: 2182 Value: 5

Virtual address: 12949 TLB: 1 Physical address: 5525 Value: 0

Virtual address: 11392 TLB: 1 Physical address: 15744 Value: 0

Virtual address: 2284 TLB: 2 Physical address: 1004 Value: 0

Virtual address: 15639 TLB: 14 Physical address: 9239 Value: 69

Virtual address: 16356 TLB: 3 Physical address: 13028 Value: 0

Virtual address: 14469 TLB: 4 Physical address: 10629 Value: 0

Virtual address: 14065 TLB: 5 Physical address: 10225 Value: 0

Virtual address: 11148 TLB: 6 Physical address: 15244 Value: 0

Virtual address: 4876 TLB: 7 Physical address: 11788 Value: 0

Virtual address: 9574 TLB: 12 Physical address: 4966 Value: 9

Virtual address: 7665 TLB: 8 Physical address: 6897 Value: 0

Virtual address: 15228 TLB: 9 Physical address: 6524 Value: 0

Virtual address: 6080 TLB: 0 Physical address: 2240 Value: 0

Virtual address: 1660 TLB: 10 Physical address: 10364 Value: 0

Virtual address: 12987 TLB: 11 Physical address: 5563 Value: -82

Virtual address: 3106 TLB: 12 Physical address: 9506 Value: 3

Virtual address: 15612 TLB: 13 Physical address: 2044 Value: 0

Virtual address: 1508 TLB: 14 Physical address: 228 Value: 0

Virtual address: 15462 TLB: 13 Physical address: 1894 Value: 15

Virtual address: 8154 TLB: 15 Physical address: 1754 Value: 7

Virtual address: 6753 TLB: 0 Physical address: 9057 Value: 0

Virtual address: 7179 TLB: 1 Physical address: 1035 Value: 2

Virtual address: 8291 TLB: 2 Physical address: 9827 Value: 24

Virtual address: 431 TLB: 3 Physical address: 2479 Value: 107

Virtual address: 1634 TLB: 10 Physical address: 10338 Value: 1

Virtual address: 3516 TLB: 4 Physical address: 4284 Value: 0

Virtual address: 10115 TLB: 5 Physical address: 3971 Value: -32

Virtual address: 9908 TLB: 6 Physical address: 13236 Value: 0

Virtual address: 2921 TLB: 7 Physical address: 14185 Value: 0

Virtual address: 5935 TLB: 8 Physical address: 2095 Value: -53

Virtual address: 15930 TLB: 9 Physical address: 13882 Value: 15

Virtual address: 15871 TLB: 10 Physical address: 9471 Value: 127

Virtual address: 943 TLB: 11 Physical address: 4527 Value: -21

Virtual address: 1831 TLB: 12 Physical address: 6183 Value: -55

Virtual address: 15126 TLB: 13 Physical address: 6422 Value: 14

Virtual address: 915 TLB: 11 Physical address: 4499 Value: -28

Virtual address: 16300 TLB: 14 Physical address: 12972 Value: 0

Virtual address: 12807 TLB: 15 Physical address: 5383 Value: -127

Virtual address: 12063 TLB: 0 Physical address: 13599 Value: -57

Virtual address: 4792 TLB: 1 Physical address: 14776 Value: 0

Virtual address: 5997 TLB: 8 Physical address: 2157 Value: 0

Virtual address: 3345 TLB: 4 Physical address: 4113 Value: 0

Virtual address: 3636 TLB: 2 Physical address: 12340 Value: 0

Virtual address: 12077 TLB: 0 Physical address: 13613 Value: 0

Virtual address: 5005 TLB: 3 Physical address: 11917 Value: 0

Virtual address: 239 TLB: 4 Physical address: 3567 Value: 59

Virtual address: 15183 TLB: 13 Physical address: 6479 Value: -45

Virtual address: 4233 TLB: 5 Physical address: 7049 Value: 0

Virtual address: 1748 TLB: 6 Physical address: 10452 Value: 0

Virtual address: 14262 TLB: 7 Physical address: 12214 Value: 13

Virtual address: 12387 TLB: 8 Physical address: 7779 Value: 24

Virtual address: 8501 TLB: 9 Physical address: 3125 Value: 0

Virtual address: 5057 TLB: 3 Physical address: 11969 Value: 0

Virtual address: 4295 TLB: 5 Physical address: 7111 Value: 49

Virtual address: 8932 TLB: 10 Physical address: 3812 Value: 0

Virtual address: 6692 TLB: 11 Physical address: 8996 Value: 0

Virtual address: 7811 TLB: 12 Physical address: 2691 Value: -96

Virtual address: 2663 TLB: 13 Physical address: 11623 Value: -103

Virtual address: 216 TLB: 4 Physical address: 3544 Value: 0

Virtual address: 10733 TLB: 14 Physical address: 3053 Value: 0

Virtual address: 8598 TLB: 9 Physical address: 3222 Value: 8

Virtual address: 16146 TLB: 15 Physical address: 12818 Value: 15

Virtual address: 10220 TLB: 0 Physical address: 4076 Value: 0

Virtual address: 9541 TLB: 1 Physical address: 4933 Value: 0

Virtual address: 1593 TLB: 6 Physical address: 10297 Value: 0

Virtual address: 8962 TLB: 2 Physical address: 258 Value: 8

Virtual address: 10456 TLB: 3 Physical address: 8920 Value: 0

Virtual address: 1509 TLB: 4 Physical address: 229 Value: 0

Virtual address: 5386 TLB: 5 Physical address: 13322 Value: 5

Virtual address: 6136 TLB: 6 Physical address: 2296 Value: 0

Virtual address: 6301 TLB: 7 Physical address: 669 Value: 0

Virtual address: 11383 TLB: 8 Physical address: 15735 Value: 29

Virtual address: 9481 TLB: 1 Physical address: 4873 Value: 0

Virtual address: 9937 TLB: 9 Physical address: 13265 Value: 0

Virtual address: 7077 TLB: 10 Physical address: 12709 Value: 0

Virtual address: 14486 TLB: 11 Physical address: 10646 Value: 14

Virtual address: 10177 TLB: 0 Physical address: 4033 Value: 0

Virtual address: 5876 TLB: 12 Physical address: 14580 Value: 0

Virtual address: 2335 TLB: 13 Physical address: 8223 Value: 71

Virtual address: 11925 TLB: 14 Physical address: 14997 Value: 0

Virtual address: 3754 TLB: 15 Physical address: 12458 Value: 3

Virtual address: 14722 TLB: 0 Physical address: 5250 Value: 14

Virtual address: 4042 TLB: 1 Physical address: 4810 Value: 3

Virtual address: 8812 TLB: 2 Physical address: 3692 Value: 0

Virtual address: 2633 TLB: 3 Physical address: 11593 Value: 0

Virtual address: 12974 TLB: 4 Physical address: 5550 Value: 12

Virtual address: 15504 TLB: 5 Physical address: 1936 Value: 0

Virtual address: 10445 TLB: 6 Physical address: 8909 Value: 0

Virtual address: 15638 TLB: 7 Physical address: 9238 Value: 15

Virtual address: 15720 TLB: 7 Physical address: 9320 Value: 0

Virtual address: 4794 TLB: 8 Physical address: 14778 Value: 4

Virtual address: 7852 TLB: 9 Physical address: 2732 Value: 0

Virtual address: 15482 TLB: 5 Physical address: 1914 Value: 15

Virtual address: 15014 TLB: 10 Physical address: 7334 Value: 14

Virtual address: 1010 TLB: 11 Physical address: 4594 Value: 0

Virtual address: 692 TLB: 12 Physical address: 5812 Value: 0

Virtual address: 7592 TLB: 13 Physical address: 6824 Value: 0

Virtual address: 11466 TLB: 14 Physical address: 15818 Value: 11

Virtual address: 2201 TLB: 15 Physical address: 921 Value: 0

Virtual address: 12978 TLB: 4 Physical address: 5554 Value: 12

Virtual address: 1218 TLB: 0 Physical address: 6082 Value: 1

Virtual address: 8503 TLB: 1 Physical address: 3127 Value: 77

Virtual address: 7978 TLB: 2 Physical address: 1578 Value: 7

Virtual address: 10699 TLB: 3 Physical address: 3019 Value: 114

Virtual address: 2056 TLB: 15 Physical address: 776 Value: 0

Virtual address: 15055 TLB: 10 Physical address: 7375 Value: -77

Virtual address: 8801 TLB: 4 Physical address: 3681 Value: 0

Virtual address: 12233 TLB: 5 Physical address: 13769 Value: 0

Virtual address: 4547 TLB: 6 Physical address: 15555 Value: 112

Virtual address: 11136 TLB: 7 Physical address: 15232 Value: 0

Virtual address: 7774 TLB: 9 Physical address: 2654 Value: 7

Virtual address: 8302 TLB: 8 Physical address: 9838 Value: 8

Virtual address: 9475 TLB: 9 Physical address: 4867 Value: 64

Virtual address: 11816 TLB: 10 Physical address: 14888 Value: 0

Virtual address: 730 TLB: 12 Physical address: 5850 Value: 0

Virtual address: 12108 TLB: 5 Physical address: 13644 Value: 0

Virtual address: 8407 TLB: 8 Physical address: 9943 Value: 53

Virtual address: 16234 TLB: 11 Physical address: 12906 Value: 15

Virtual address: 6169 TLB: 12 Physical address: 537 Value: 0

Virtual address: 7661 TLB: 13 Physical address: 6893 Value: 0

Virtual address: 15570 TLB: 13 Physical address: 2002 Value: 15

Virtual address: 10963 TLB: 14 Physical address: 11475 Value: -76

Virtual address: 15513 TLB: 13 Physical address: 1945 Value: 0

Virtual address: 14668 TLB: 15 Physical address: 5196 Value: 0

Virtual address: 9593 TLB: 9 Physical address: 4985 Value: 0

Virtual address: 139 TLB: 0 Physical address: 3467 Value: 34

Virtual address: 15360 TLB: 13 Physical address: 1792 Value: 0

Virtual address: 802 TLB: 1 Physical address: 4386 Value: 0

Virtual address: 11606 TLB: 2 Physical address: 11094 Value: 11

Virtual address: 1178 TLB: 3 Physical address: 6042 Value: 1

Virtual address: 13780 TLB: 4 Physical address: 10964 Value: 0

Virtual address: 12824 TLB: 5 Physical address: 5400 Value: 0

Virtual address: 9681 TLB: 9 Physical address: 5073 Value: 0

Virtual address: 5374 TLB: 6 Physical address: 1534 Value: 5

Virtual address: 7140 TLB: 7 Physical address: 12772 Value: 0

Virtual address: 11737 TLB: 2 Physical address: 11225 Value: 0

Virtual address: 4045 TLB: 8 Physical address: 4813 Value: 0

Virtual address: 15941 TLB: 9 Physical address: 13893 Value: 0

Virtual address: 7587 TLB: 10 Physical address: 6819 Value: 104

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Virtual address: 10694 TLB: 12 Physical address: 3014 Value: 10

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Virtual address: 10794 TLB: 15 Physical address: 11306 Value: 10

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Virtual address: 15893 TLB: 9 Physical address: 13845 Value: 0

Virtual address: 2817 TLB: 0 Physical address: 14081 Value: 0

Virtual address: 1091 TLB: 3 Physical address: 5955 Value: 16

Virtual address: 5679 TLB: 1 Physical address: 14383 Value: -117

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Virtual address: 9607 TLB: 3 Physical address: 4999 Value: 97

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Virtual address: 9852 TLB: 5 Physical address: 13180 Value: 0

Virtual address: 9747 TLB: 5 Physical address: 13075 Value: -124

Virtual address: 13922 TLB: 6 Physical address: 10082 Value: 13

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Virtual address: 4969 TLB: 7 Physical address: 11881 Value: 0

Virtual address: 15100 TLB: 4 Physical address: 7420 Value: 0

Virtual address: 8050 TLB: 8 Physical address: 1650 Value: 7

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Virtual address: 8397 TLB: 10 Physical address: 9933 Value: 0

Virtual address: 13425 TLB: 11 Physical address: 31601 Value: 0

Virtual address: 8549 TLB: 12 Physical address: 3173 Value: 0

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Virtual address: 40875 TLB: 14 Physical address: 32171 Value: -22

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Virtual address: 42447 TLB: 0 Physical address: 32719 Value: 115

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Virtual address: 43083 TLB: 2 Physical address: 331 Value: 18

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Virtual address: 41819 TLB: 11 Physical address: 6491 Value: -42

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Virtual address: 36866 TLB: 13 Physical address: 6914 Value: 36

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Virtual address: 33005 TLB: 14 Physical address: 7405 Value: 0

Virtual address: 36978 TLB: 13 Physical address: 7026 Value: 36

Virtual address: 38934 TLB: 15 Physical address: 790 Value: 38

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Virtual address: 48663 TLB: 11 Physical address: 4375 Value: -123

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Virtual address: 33707 TLB: 6 Physical address: 9387 Value: -22

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Virtual address: 37889 TLB: 15 Physical address: 8705 Value: 0

Virtual address: 43222 TLB: 10 Physical address: 470 Value: 42

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Virtual address: 44426 TLB: 10 Physical address: 2698 Value: 43

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Virtual address: 47326 TLB: 14 Physical address: 11486 Value: 46

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Virtual address: 45202 TLB: 15 Physical address: 1938 Value: 44

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Virtual address: 42849 TLB: 3 Physical address: 609 Value: 0

Virtual address: 34005 TLB: 4 Physical address: 31957 Value: 0

Virtual address: 41557 TLB: 5 Physical address: 3669 Value: 0

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Virtual address: 36260 TLB: 5 Physical address: 5028 Value: 0

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Virtual address: 48264 TLB: 12 Physical address: 11656 Value: 0

Virtual address: 36636 TLB: 7 Physical address: 7964 Value: 0

Virtual address: 35411 TLB: 13 Physical address: 13651 Value: -108

Virtual address: 44314 TLB: 8 Physical address: 2586 Value: 43

Virtual address: 47086 TLB: 9 Physical address: 10734 Value: 45

Virtual address: 44011 TLB: 10 Physical address: 3051 Value: -6

Virtual address: 33894 TLB: 11 Physical address: 31846 Value: 33

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Virtual address: 40179 TLB: 5 Physical address: 12531 Value: 60

Virtual address: 38488 TLB: 6 Physical address: 1368 Value: 0

Virtual address: 33862 TLB: 11 Physical address: 31814 Value: 33

Virtual address: 45830 TLB: 7 Physical address: 12038 Value: 44

Virtual address: 38471 TLB: 6 Physical address: 1351 Value: -111

Virtual address: 38955 TLB: 8 Physical address: 811 Value: 10

Virtual address: 34342 TLB: 14 Physical address: 2086 Value: 33

Virtual address: 38926 TLB: 8 Physical address: 782 Value: 38

Virtual address: 36109 TLB: 9 Physical address: 4877 Value: 0

Virtual address: 35794 TLB: 10 Physical address: 14546 Value: 34

Virtual address: 38379 TLB: 11 Physical address: 5355 Value: 122

Virtual address: 39602 TLB: 12 Physical address: 11954 Value: 38

Virtual address: 42527 TLB: 13 Physical address: 8223 Value: -121

Virtual address: 45164 TLB: 14 Physical address: 1900 Value: 0

Virtual address: 38714 TLB: 15 Physical address: 10042 Value: 37

Virtual address: 46395 TLB: 0 Physical address: 5947 Value: 78

Virtual address: 47808 TLB: 1 Physical address: 10432 Value: 0

Virtual address: 33876 TLB: 2 Physical address: 31828 Value: 0

Virtual address: 44330 TLB: 3 Physical address: 2602 Value: 43

Virtual address: 42667 TLB: 13 Physical address: 8363 Value: -86

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Virtual address: 47608 TLB: 6 Physical address: 5624 Value: 0

Virtual address: 37366 TLB: 5 Physical address: 3574 Value: 36

Virtual address: 38855 TLB: 15 Physical address: 10183 Value: -15

Virtual address: 39958 TLB: 7 Physical address: 12310 Value: 39

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Virtual address: 2570 TLB: 12 Physical address: 15370 Value: 2

Virtual address: 3751 TLB: 13 Physical address: 15783 Value: -87

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Virtual address: 4145 TLB: 15 Physical address: 16177 Value: 0

Virtual address: 9909 TLB: 0 Physical address: 16565 Value: 0

Virtual address: 7259 TLB: 1 Physical address: 16731 Value: 22

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Virtual address: 15520 TLB: 2 Physical address: 17056 Value: 0

Virtual address: 14093 TLB: 11 Physical address: 15117 Value: 0

Virtual address: 546 TLB: 3 Physical address: 17186 Value: 0

Virtual address: 11533 TLB: 4 Physical address: 17421 Value: 0

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Virtual address: 13781 TLB: 9 Physical address: 18901 Value: 0

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Virtual address: 11596 TLB: 4 Physical address: 17484 Value: 0

Virtual address: 3484 TLB: 11 Physical address: 19356 Value: 0

Virtual address: 9350 TLB: 7 Physical address: 18310 Value: 9

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Virtual address: 1807 TLB: 12 Physical address: 19471 Value: -61

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Virtual address: 16295 TLB: 2 Physical address: 20903 Value: -23

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Virtual address: 5058 TLB: 9 Physical address: 21954 Value: 4

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Virtual address: 8713 TLB: 12 Physical address: 22281 Value: 0

Virtual address: 9562 TLB: 13 Physical address: 22618 Value: 9

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Virtual address: 13477 TLB: 14 Physical address: 31653 Value: 0

Virtual address: 2530 TLB: 15 Physical address: 23010 Value: 2

Virtual address: 9635 TLB: 13 Physical address: 22691 Value: 104

Virtual address: 4091 TLB: 4 Physical address: 16123 Value: -2

Virtual address: 16311 TLB: 2 Physical address: 20919 Value: -19

Virtual address: 11795 TLB: 0 Physical address: 23059 Value: -124

Virtual address: 15687 TLB: 1 Physical address: 23367 Value: 81

Virtual address: 3412 TLB: 2 Physical address: 19284 Value: 0

Virtual address: 4762 TLB: 3 Physical address: 18074 Value: 4

Virtual address: 13105 TLB: 4 Physical address: 23601 Value: 0

Virtual address: 5219 TLB: 5 Physical address: 23907 Value: 24

Virtual address: 12594 TLB: 6 Physical address: 20530 Value: 12

Virtual address: 2851 TLB: 7 Physical address: 24099 Value: -56

Virtual address: 3662 TLB: 8 Physical address: 15694 Value: 3

Virtual address: 9934 TLB: 9 Physical address: 16590 Value: 9

Virtual address: 7030 TLB: 10 Physical address: 18550 Value: 6

Virtual address: 16219 TLB: 11 Physical address: 20827 Value: -42

Virtual address: 9845 TLB: 9 Physical address: 16501 Value: 0

Virtual address: 14961 TLB: 12 Physical address: 24433 Value: 0

Virtual address: 16310 TLB: 11 Physical address: 20918 Value: 15

Virtual address: 13901 TLB: 13 Physical address: 24653 Value: 0

Virtual address: 33 TLB: 14 Physical address: 21025 Value: 0

Virtual address: 7275 TLB: 15 Physical address: 16747 Value: 26

Virtual address: 8744 TLB: 0 Physical address: 22312 Value: 0

Virtual address: 625 TLB: 1 Physical address: 17265 Value: 0

Virtual address: 12334 TLB: 2 Physical address: 24878 Value: 12

Virtual address: 4133 TLB: 3 Physical address: 16165 Value: 0

Virtual address: 12751 TLB: 6 Physical address: 20687 Value: 115

Virtual address: 4663 TLB: 4 Physical address: 17975 Value: -115

Virtual address: 13696 TLB: 5 Physical address: 18816 Value: 0

Virtual address: 2297 TLB: 6 Physical address: 19193 Value: 0

Virtual address: 1756 TLB: 7 Physical address: 25308 Value: 0

Virtual address: 16226 TLB: 11 Physical address: 20834 Value: 15

Virtual address: 11932 TLB: 8 Physical address: 23196 Value: 0

Virtual address: 5847 TLB: 9 Physical address: 25559 Value: -75

Virtual address: 16153 TLB: 11 Physical address: 20761 Value: 0

Virtual address: 7344 TLB: 15 Physical address: 16816 Value: 0

Virtual address: 5150 TLB: 10 Physical address: 23838 Value: 5

Virtual address: 3181 TLB: 11 Physical address: 25709 Value: 0

Virtual address: 12106 TLB: 12 Physical address: 22090 Value: 11

Virtual address: 1871 TLB: 13 Physical address: 19535 Value: -45

Virtual address: 8401 TLB: 14 Physical address: 26065 Value: 0

Virtual address: 8316 TLB: 14 Physical address: 25980 Value: 0

Virtual address: 4723 TLB: 4 Physical address: 18035 Value: -100

Virtual address: 12063 TLB: 12 Physical address: 22047 Value: -57

Virtual address: 1866 TLB: 13 Physical address: 19530 Value: 1

Virtual address: 11753 TLB: 15 Physical address: 17641 Value: 0

Virtual address: 11899 TLB: 8 Physical address: 23163 Value: -98

Virtual address: 11712 TLB: 15 Physical address: 17600 Value: 0

Virtual address: 10330 TLB: 0 Physical address: 26202 Value: 10

Virtual address: 11825 TLB: 8 Physical address: 23089 Value: 0

Virtual address: 9229 TLB: 1 Physical address: 18189 Value: 0

Virtual address: 10363 TLB: 0 Physical address: 26235 Value: 30

Virtual address: 2716 TLB: 2 Physical address: 15516 Value: 0

Virtual address: 1590 TLB: 7 Physical address: 25142 Value: 1

Virtual address: 10989 TLB: 3 Physical address: 26605 Value: 0

Virtual address: 15050 TLB: 4 Physical address: 24522 Value: 14

Virtual address: 5723 TLB: 9 Physical address: 25435 Value: -106

Virtual address: 7356 TLB: 5 Physical address: 16828 Value: 0

Virtual address: 3330 TLB: 6 Physical address: 19202 Value: 3

Virtual address: 3035 TLB: 7 Physical address: 24283 Value: -10

Virtual address: 9653 TLB: 8 Physical address: 22709 Value: 0

Virtual address: 5086 TLB: 9 Physical address: 21982 Value: 4

Virtual address: 2877 TLB: 7 Physical address: 24125 Value: 0

Virtual address: 5202 TLB: 10 Physical address: 23890 Value: 5

Virtual address: 10934 TLB: 3 Physical address: 26550 Value: 10

Virtual address: 2647 TLB: 2 Physical address: 15447 Value: -107

Virtual address: 12546 TLB: 10 Physical address: 20482 Value: 12

Virtual address: 16084 TLB: 11 Physical address: 26836 Value: 0

Virtual address: 5828 TLB: 12 Physical address: 25540 Value: 0

Virtual address: 8268 TLB: 14 Physical address: 25932 Value: 0

Virtual address: 1572 TLB: 13 Physical address: 25124 Value: 0

Virtual address: 14229 TLB: 14 Physical address: 15253 Value: 0

Virtual address: 200 TLB: 15 Physical address: 21192 Value: 0

Virtual address: 6295 TLB: 0 Physical address: 27031 Value: 37

Virtual address: 9909 TLB: 1 Physical address: 16565 Value: 0

Virtual address: 2066 TLB: 2 Physical address: 18962 Value: 2

Virtual address: 1664 TLB: 13 Physical address: 25216 Value: 0

Virtual address: 5424 TLB: 3 Physical address: 27184 Value: 0

Virtual address: 13778 TLB: 4 Physical address: 18898 Value: 13

Virtual address: 11995 TLB: 5 Physical address: 23259 Value: -74

Virtual address: 865 TLB: 6 Physical address: 27489 Value: 0

Virtual address: 6624 TLB: 7 Physical address: 27872 Value: 0

Virtual address: 5974 TLB: 8 Physical address: 20054 Value: 5

Virtual address: 3581 TLB: 9 Physical address: 19453 Value: 0

Virtual address: 8214 TLB: 10 Physical address: 25878 Value: 8

Virtual address: 579 TLB: 11 Physical address: 17219 Value: -112

Virtual address: 2248 TLB: 2 Physical address: 19144 Value: 0

Virtual address: 13937 TLB: 12 Physical address: 24689 Value: 0

Virtual address: 7935 TLB: 13 Physical address: 19967 Value: -65

Virtual address: 5578 TLB: 3 Physical address: 27338 Value: 5

Virtual address: 589 TLB: 11 Physical address: 17229 Value: 0

Virtual address: 1205 TLB: 14 Physical address: 28085 Value: 0

Virtual address: 10664 TLB: 15 Physical address: 28328 Value: 0

Virtual address: 3466 TLB: 9 Physical address: 19338 Value: 3

Virtual address: 6407 TLB: 7 Physical address: 27655 Value: 65

Virtual address: 5214 TLB: 0 Physical address: 23902 Value: 5

Virtual address: 6113 TLB: 8 Physical address: 20193 Value: 0

Virtual address: 2569 TLB: 1 Physical address: 15369 Value: 0

Virtual address: 4915 TLB: 2 Physical address: 21811 Value: -52

Virtual address: 11942 TLB: 5 Physical address: 23206 Value: 11

Virtual address: 10837 TLB: 3 Physical address: 26453 Value: 0

Virtual address: 6487 TLB: 7 Physical address: 27735 Value: 85

Virtual address: 9787 TLB: 4 Physical address: 16443 Value: -114

Virtual address: 11037 TLB: 5 Physical address: 21533 Value: 0

Virtual address: 12782 TLB: 6 Physical address: 20718 Value: 12

Virtual address: 3312 TLB: 7 Physical address: 25840 Value: 0

Virtual address: 13103 TLB: 8 Physical address: 23599 Value: -53

Virtual address: 14446 TLB: 9 Physical address: 14958 Value: 14

Virtual address: 8736 TLB: 10 Physical address: 22304 Value: 0

Virtual address: 10498 TLB: 15 Physical address: 28162 Value: 10

Virtual address: 10057 TLB: 11 Physical address: 17737 Value: 0

Virtual address: 9601 TLB: 12 Physical address: 22657 Value: 0

Virtual address: 738 TLB: 13 Physical address: 17378 Value: 0

Virtual address: 16032 TLB: 14 Physical address: 26784 Value: 0

Virtual address: 13183 TLB: 8 Physical address: 23679 Value: -33

Virtual address: 8952 TLB: 10 Physical address: 22520 Value: 0

Virtual address: 227 TLB: 15 Physical address: 21219 Value: 56

Virtual address: 15431 TLB: 0 Physical address: 16967 Value: 17

Virtual address: 6505 TLB: 1 Physical address: 27753 Value: 0

Virtual address: 8163 TLB: 2 Physical address: 28643 Value: -8

Virtual address: 4625 TLB: 3 Physical address: 17937 Value: 0

Virtual address: 7094 TLB: 4 Physical address: 18614 Value: 6

Virtual address: 9368 TLB: 5 Physical address: 18328 Value: 0

Virtual address: 15289 TLB: 6 Physical address: 28857 Value: 0

Virtual address: 10561 TLB: 7 Physical address: 28225 Value: 0

Virtual address: 15775 TLB: 8 Physical address: 23455 Value: 103

Virtual address: 4120 TLB: 9 Physical address: 16152 Value: 0

Virtual address: 290 TLB: 10 Physical address: 28962 Value: 0

Virtual address: 1960 TLB: 11 Physical address: 19624 Value: 0

Virtual address: 9035 TLB: 12 Physical address: 29259 Value: -46

Virtual address: 12232 TLB: 13 Physical address: 22216 Value: 0

Virtual address: 12797 TLB: 14 Physical address: 20733 Value: 0

Virtual address: 15522 TLB: 0 Physical address: 17058 Value: 15

Virtual address: 5636 TLB: 15 Physical address: 25348 Value: 0

Virtual address: 7450 TLB: 0 Physical address: 29466 Value: 7

Virtual address: 11920 TLB: 1 Physical address: 23184 Value: 0

Virtual address: 8948 TLB: 2 Physical address: 22516 Value: 0

Virtual address: 4169 TLB: 9 Physical address: 16201 Value: 0

Virtual address: 9982 TLB: 3 Physical address: 16638 Value: 9

Virtual address: 1301 TLB: 4 Physical address: 21269 Value: 0

Virtual address: 14667 TLB: 5 Physical address: 20299 Value: 82

Virtual address: 3656 TLB: 6 Physical address: 15688 Value: 0

Virtual address: 10902 TLB: 7 Physical address: 26518 Value: 10

Virtual address: 15405 TLB: 8 Physical address: 16941 Value: 0

Virtual address: 3304 TLB: 9 Physical address: 25832 Value: 0

Virtual address: 7701 TLB: 10 Physical address: 19733 Value: 0

Virtual address: 7973 TLB: 11 Physical address: 28453 Value: 0

Virtual address: 3531 TLB: 12 Physical address: 19403 Value: 114

Virtual address: 6748 TLB: 13 Physical address: 29788 Value: 0

Virtual address: 14479 TLB: 14 Physical address: 14991 Value: 35

Virtual address: 11694 TLB: 15 Physical address: 17582 Value: 11

Virtual address: 11373 TLB: 0 Physical address: 30061 Value: 0

Number of Translated Addresses = 1000

Page Faults = 246

Page Fault Rate = 0.246

TLB Hits = 231

TLB Hit Rate = 0.231