

Last login: Tue Feb 28 12:43:33 on console  
laura-spencers-MacBook-Pro:~ shlaura3\$  
laura-spencers-MacBook-Pro:~ shlaura3\$ ssh srlab@128.95.149.26  
srlab@128.95.149.26's password:  
Welcome to Ubuntu 16.04.1 LTS (GNU/Linux 4.4.0-57-generic x86\_64)

\* Documentation: <https://help.ubuntu.com>  
\* Management: <https://landscape.canonical.com>  
\* Support: <https://ubuntu.com/advantage>

56 packages can be updated.  
0 updates are security updates.

Last login: Mon Feb 27 18:49:28 2017 from 97.113.147.111  
srlab@emu:~\$ top

top - 20:54:21 up 5 days, 10:20, 3 users, load average: 14.84, 14.34, 14.15  
Tasks: 482 total, 15 running, 467 sleeping, 0 stopped, 0 zombie  
%Cpu(s): 87.3 us, 0.3 sy, 0.0 ni, 12.2 id, 0.1 wa, 0.0 hi, 0.2 si, 0.0 st  
KiB Mem : 49451584 total, 23271932 free, 25105324 used, 1074328 buff/cache  
KiB Swap: 12572668 total, 11091068 free, 1481600 used. 23765344 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
8692	srlab	20	0	5872112	4.836g	11500	R	100.0	10.3	56:53.88	python
8851	srlab	20	0	5952764	4.906g	11608	R	100.0	10.4	53:09.28	python
9428	srlab	20	0	1269896	647592	11124	R	100.0	1.3	39:12.42	python
9455	srlab	20	0	1264588	637600	11200	R	100.0	1.3	38:57.50	python
9791	srlab	20	0	896288	276764	11124	R	100.0	0.6	22:15.25	python
9990	srlab	20	0	783492	165728	11104	R	100.0	0.3	12:02.49	python
8917	srlab	20	0	5957100	4.922g	11444	R	99.5	10.4	49:55.60	python
9358	srlab	20	0	6075140	4.656g	11396	R	99.5	9.9	43:26.46	python
9509	srlab	20	0	1271112	648904	11220	R	99.5	1.3	37:42.76	python
9705	srlab	20	0	955340	337936	11132	R	99.5	0.7	26:44.91	python
9842	srlab	20	0	878556	260992	11092	R	99.5	0.5	20:30.57	python
9941	srlab	20	0	809512	189968	11248	R	99.5	0.4	14:01.94	python
10046	srlab	20	0	747504	126076	11212	R	99.1	0.3	9:03.04	python
10171	srlab	20	0	705836	86328	11200	R	99.1	0.2	5:18.97	python
1252	root	20	0	328044	39392	17500	S	0.9	0.1	11:31.88	Xorg
3480	root	20	0	328376	21096	14088	S	0.9	0.0	131:47.90	Xorg
10376	srlab	20	0	42072	3948	3040	R	0.9	0.0	0:00.24	top

srlab@emu:~\$ qstat -f

queue	name	qtype	resv/used/tot.	load_avg	arch	state
s						

-----

```

-
mainqueue@localhost      BIP    0/14/14      -NA-      -NA-      a
527 0.25000 pecan_x6eb srlab      r      03/01/2017 19:57:17      1 12
527 0.25000 pecan_x6eb srlab      r      03/01/2017 20:01:02      1 13
527 0.25000 pecan_x6eb srlab      r      03/01/2017 20:04:17      1 14
527 0.25000 pecan_x6eb srlab      r      03/01/2017 20:10:47      1 15
527 0.25000 pecan_x6eb srlab      r      03/01/2017 20:15:02      1 16
527 0.25000 pecan_x6eb srlab      r      03/01/2017 20:15:17      1 17
527 0.25000 pecan_x6eb srlab      r      03/01/2017 20:16:32      1 18
527 0.25000 pecan_x6eb srlab      r      03/01/2017 20:27:32      1 19
527 0.25000 pecan_x6eb srlab      r      03/01/2017 20:32:02      1 20
527 0.25000 pecan_x6eb srlab      r      03/01/2017 20:33:47      1 21
527 0.25000 pecan_x6eb srlab      r      03/01/2017 20:40:17      1 22
527 0.25000 pecan_x6eb srlab      r      03/01/2017 20:42:17      1 23
527 0.25000 pecan_x6eb srlab      r      03/01/2017 20:45:17      1 24
527 0.25000 pecan_x6eb srlab      r      03/01/2017 20:49:02      1 25

```

```

#####

```

```

- PENDING JOBS - PENDING JOBS - PENDING JOBS - PENDING JOBS - PENDING JOBS

```

```

#####

```

```

527 0.25000 pecan_x6eb srlab      qw      02/24/2017 12:55:01      1 26-80:1
529 0.25000 pecan_x766 srlab      qw      02/24/2017 12:55:01      1 1-80:1
531 0.25000 pecan_x169 srlab      qw      02/24/2017 12:55:01      1 1-80:1
533 0.25000 pecan_x202 srlab      qw      02/24/2017 12:55:01      1 1-80:1
535 0.25000 pecan_x520 srlab      qw      02/24/2017 12:55:01      1 1-80:1
537 0.25000 pecan_x2fd srlab      qw      02/24/2017 12:55:01      1 1-80:1
539 0.25000 pecan_x141 srlab      qw      02/24/2017 12:55:01      1 1-80:1
541 0.25000 pecan_x403 srlab      qw      02/24/2017 12:55:01      1 1-80:1
543 0.25000 pecan_x46a srlab      qw      02/24/2017 12:55:01      1 1-80:1
545 0.25000 pecan_x21b srlab      qw      02/24/2017 12:55:01      1 1-80:1
547 0.25000 pecan_x791 srlab      qw      02/24/2017 12:55:01      1 1-80:1
549 0.25000 pecan_x694 srlab      qw      02/24/2017 12:55:01      1 1-80:1
551 0.25000 pecan_x136 srlab      qw      02/24/2017 12:55:01      1 1-80:1
553 0.25000 pecan_x6b3 srlab      qw      02/24/2017 12:55:01      1 1-80:1
555 0.25000 pecan_x182 srlab      qw      02/24/2017 12:55:01      1 1-80:1
557 0.25000 pecan_x6e2 srlab      qw      02/24/2017 12:55:01      1 1-80:1
559 0.25000 pecan_x68c srlab      qw      02/24/2017 12:55:01      1 1-80:1
561 0.25000 pecan_x18f srlab      qw      02/24/2017 12:55:01      1 1-80:1
563 0.25000 pecan_x495 srlab      qw      02/24/2017 12:55:01      1 1-80:1
565 0.25000 pecan_x316 srlab      qw      02/24/2017 12:55:01      1 1-80:1
567 0.25000 pecan_x428 srlab      qw      02/24/2017 12:55:01      1 1-80:1
569 0.25000 pecan_x16d srlab      qw      02/24/2017 12:55:01      1 1-80:1
571 0.25000 pecan_x5ff srlab      qw      02/24/2017 12:55:01      1 1-80:1
573 0.25000 pecan_x6eb srlab      qw      02/24/2017 12:55:01      1 1-80:1
575 0.25000 pecan_x283 srlab      qw      02/24/2017 12:55:01      1 1-80:1
577 0.25000 pecan_x7d0 srlab      qw      02/24/2017 12:55:01      1 1-80:1
528 0.00000 prcltr_x6e srlab      hqw      02/24/2017 12:55:01      1
530 0.00000 prcltr_x76 srlab      hqw      02/24/2017 12:55:01      1
532 0.00000 prcltr_x16 srlab      hqw      02/24/2017 12:55:01      1
534 0.00000 prcltr_x20 srlab      hqw      02/24/2017 12:55:01      1
536 0.00000 prcltr_x52 srlab      hqw      02/24/2017 12:55:01      1
538 0.00000 prcltr_x2f srlab      hqw      02/24/2017 12:55:01      1

```

540	0.00000	prcltr_x14	srlab	hqw	02/24/2017	12:55:01	1
542	0.00000	prcltr_x40	srlab	hqw	02/24/2017	12:55:01	1
544	0.00000	prcltr_x46	srlab	hqw	02/24/2017	12:55:01	1
546	0.00000	prcltr_x21	srlab	hqw	02/24/2017	12:55:01	1
548	0.00000	prcltr_x79	srlab	hqw	02/24/2017	12:55:01	1
550	0.00000	prcltr_x69	srlab	hqw	02/24/2017	12:55:01	1
552	0.00000	prcltr_x13	srlab	hqw	02/24/2017	12:55:01	1
554	0.00000	prcltr_x6b	srlab	hqw	02/24/2017	12:55:01	1
556	0.00000	prcltr_x18	srlab	hqw	02/24/2017	12:55:01	1
558	0.00000	prcltr_x6e	srlab	hqw	02/24/2017	12:55:01	1
560	0.00000	prcltr_x68	srlab	hqw	02/24/2017	12:55:01	1
562	0.00000	prcltr_x18	srlab	hqw	02/24/2017	12:55:01	1
564	0.00000	prcltr_x49	srlab	hqw	02/24/2017	12:55:01	1
566	0.00000	prcltr_x31	srlab	hqw	02/24/2017	12:55:01	1
568	0.00000	prcltr_x42	srlab	hqw	02/24/2017	12:55:01	1
570	0.00000	prcltr_x16	srlab	hqw	02/24/2017	12:55:01	1
572	0.00000	prcltr_x5f	srlab	hqw	02/24/2017	12:55:01	1
574	0.00000	prcltr_x6e	srlab	hqw	02/24/2017	12:55:01	1
576	0.00000	prcltr_x28	srlab	hqw	02/24/2017	12:55:01	1
578	0.00000	prcltr_x7d	srlab	hqw	02/24/2017	12:55:01	1
579	0.00000	pecan2blib	srlab	hqw	02/24/2017	12:55:01	1

srlab@emu:~\$ ^C

srlab@emu:~\$