

# Check network port is open or not on CentOS 7

To check listening port on CentOS 7, you can do it by "netstat" simply, or you can try it by "ss". I was easily able to check which port is open or not on CentOS 7.

```
# netstat -tulnp
```

The above shows its result like below:

```
# netstat -tulnp
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name
tcp        0      0 0.0.0.0:25             0.0.0.0:*               LISTEN      2755/master
tcp        0      0 127.0.0.1:6379         0.0.0.0:*               LISTEN      2104/redis-server 1
tcp        0      0 0.0.0.0:11211          0.0.0.0:*               LISTEN      2086/memcached
tcp        0      0 0.0.0.0:22             0.0.0.0:*               LISTEN      2088/sshd
tcp6       0      0 :::25                  :::*                     LISTEN      2755/master
tcp6       0      0 :::8090                 :::*                     LISTEN      29399/java
tcp6       0      0 :::28090                 :::*                     LISTEN      4248/java
tcp6       0      0 :::443                  :::*                     LISTEN      25560/httpd
tcp6       0      0 :::28091                 :::*                     LISTEN      4766/java
tcp6       0      0 127.0.0.1:8000         :::*                     LISTEN      29399/java
tcp6       0      0 127.0.0.1:28000        :::*                     LISTEN      4248/java
tcp6       0      0 127.0.0.1:28105        :::*                     LISTEN      2806/java
tcp6       0      0 :::3306                  :::*                     LISTEN      2651/mysqld
tcp6       0      0 :::11211                 :::*                     LISTEN      2086/memcached
tcp6       0      0 :::80                    :::*                     LISTEN      25560/httpd
tcp6       0      0 :::28180                 :::*                     LISTEN      2806/java
tcp6       0      0 :::22                    :::*                     LISTEN      2088/sshd
udp        0      0 127.0.0.1:323          0.0.0.0:*               LISTEN      1807/chronyd
udp        0      0 0.0.0.0:11211          0.0.0.0:*               LISTEN      2086/memcached
udp6       0      0 :::1:323                :::*                     LISTEN      1807/chronyd
udp6       0      0 :::11211                 :::*                     LISTEN      2086/memcached
```

```
# ss -nutltp
```

The above shows its result like below:

```
# ss -nutltp
Netid State      Recv-Q Send-Q               Local Address:
Port                Peer Address:Port
udp UNCONN    0      0                127.0.0.1:
323                  *: *              users:
(( "chronyd",pid=1807,fd=1))
udp UNCONN    0      0                *:
11211                 *: *              users:
(( "memcached",pid=2086,fd=28))
udp UNCONN    0      0                :::1:
323                  :::*              users:
(( "chronyd",pid=1807,fd=2))
udp UNCONN    0      0                :::
11211                 :::*              users:
(( "memcached",pid=2086,fd=29))
tcp LISTEN    0      100                *:
25                   *: *              users:
(( "master",pid=2755,fd=13))
tcp LISTEN    0      128                127.0.0.1:
6379                 *: *              users:
(( "redis-server",pid=2104,fd=4))
tcp LISTEN    0      128                *:
11211                 *: *              users:
(( "memcached",pid=2086,fd=26))
tcp LISTEN    0      128                *:
```

22			*	:	*	users:
(( "sshd",pid=2088,fd=3))						
tcp LISTEN	0	100			:::	
25					:::	users:
(( "master",pid=2755,fd=14))						
tcp LISTEN	0	32			:::	
8090					:::	users:
(( "java",pid=29399,fd=43))						
tcp LISTEN	0	10			:::	
28090					:::	users:
(( "java",pid=4248,fd=22))						
tcp LISTEN	0	128			:::	
443					:::	users:
(( "httpd",pid=30042,fd=6), ("httpd",pid=30041,fd=6), ("httpd",pid=30034,fd=6), ("httpd",pid=29707,fd=6), ("httpd",pid=29698,fd=6), ("httpd",pid=29695,fd=6), ("httpd",pid=29647,fd=6), ("httpd",pid=29642,fd=6), ("httpd",pid=29049,fd=6), ("httpd",pid=28993,fd=6), ("httpd",pid=28802,fd=6), ("httpd",pid=25560,fd=6))						
tcp LISTEN	0	128			:::	
28091					:::	users:
(( "java",pid=4766,fd=65))						
tcp LISTEN	0	1			::ffff:127.0.0.1:	
8000					:::	users:
(( "java",pid=29399,fd=75))						
tcp LISTEN	0	1			::ffff:127.0.0.1:	
28000					:::	users:
(( "java",pid=4248,fd=80))						
tcp LISTEN	0	1			::ffff:127.0.0.1:	
28105					:::	users:
(( "java",pid=2806,fd=336))						
tcp LISTEN	0	128			:::	
3306					:::	users:
(( "mysqld",pid=2651,fd=15))						
tcp LISTEN	0	128			:::	
11211					:::	users:
(( "memcached",pid=2086,fd=27))						
tcp LISTEN	0	128			:::	
80					:::	users:
(( "httpd",pid=30042,fd=4), ("httpd",pid=30041,fd=4), ("httpd",pid=30034,fd=4), ("httpd",pid=29707,fd=4), ("httpd",pid=29698,fd=4), ("httpd",pid=29695,fd=4), ("httpd",pid=29647,fd=4), ("httpd",pid=29642,fd=4), ("httpd",pid=29049,fd=4), ("httpd",pid=28993,fd=4), ("httpd",pid=28802,fd=4), ("httpd",pid=25560,fd=4))						
tcp LISTEN	0	100			:::	
28180					:::	users:
(( "java",pid=2806,fd=264))						
tcp LISTEN	0	128			:::	
22					:::	users:
(( "sshd",pid=2088,fd=4))						