

```

xiao Zhang — -bash — 80x24
2020-12-03T19:32:07.965-0800 [INFO] agent.router.manager: shutting down
2020-12-03T19:32:07.966-0800 [DEBUG] agent.server.autopilot: autopilot is no
w stopped
2020-12-03T19:32:07.966-0800 [INFO] agent: consul server down
2020-12-03T19:32:07.966-0800 [INFO] agent: shutdown complete
2020-12-03T19:32:07.966-0800 [DEBUG] agent.http: Request finished: method=PU
T url=/v1/agent/leave from=127.0.0.1:52742 latency=11.005000971s
2020-12-03T19:32:07.966-0800 [INFO] agent: Stopping server: protocol=DNS ad
dress=127.0.0.1:8600 network=tcp
2020-12-03T19:32:07.966-0800 [DEBUG] agent.http: Request finished: method=GE
T url=/v1/internal/ui/services?dc=dc1&index=18 from=127.0.0.1:52556 latency=33.3
02797397s
2020-12-03T19:32:07.966-0800 [DEBUG] agent.http: Request finished: method=GE
T url=/v1/internal/ui/services?dc=dc1&index=18 from=127.0.0.1:52552 latency=36.2
5747042s
2020-12-03T19:32:07.966-0800 [INFO] agent: Stopping server: protocol=DNS ad
dress=127.0.0.1:8600 network=udp
2020-12-03T19:32:07.966-0800 [INFO] agent: Stopping server: address=127.0.0
.1:8500 network=tcp protocol=http
2020-12-03T19:32:08.470-0800 [INFO] agent: Waiting for endpoints to shut do
wn
2020-12-03T19:32:08.470-0800 [INFO] agent: Endpoints down
2020-12-03T19:32:08.470-0800 [INFO] agent: Exit code: code=0
xiaodembp:~ xiaozhang$
xiaodembp:phase1 xiaozhang$ python3 server_consumer.py
Starting a server at:2000...
Server_port=2000:key=key-0,value=value-0
Server_port=2000:key=key-1,value=value-1
Server_port=2000:key=key-2,value=value-2
Server_port=2000:key=key-3,value=value-3
Server_port=2000:key=key-4,value=value-4
Server_port=2000:key=key-5,value=value-5
Starting...
Creating a server connection to tcp://127.0.0.1:2000...
Sending data:{'key': 'key-0', 'value': 'value-0'}
Sending data:{'key': 'key-1', 'value': 'value-1'}
Sending data:{'key': 'key-2', 'value': 'value-2'}
Sending data:{'key': 'key-3', 'value': 'value-3'}
Sending data:{'key': 'key-4', 'value': 'value-4'}
Sending data:{'key': 'key-5', 'value': 'value-5'}
Sending data:{'key': 'key-6', 'value': 'value-6'}
Sending data:{'key': 'key-7', 'value': 'value-7'}
Sending data:{'key': 'key-8', 'value': 'value-8'}
Sending data:{'key': 'key-9', 'value': 'value-9'}
Done

```

Services 1 total

Search	Health Status	Service Type
consul		
1 Instance		

```
xiaodembp:phase2 xiaozhang$ python3 server.py 4
Starting a server at:2000...
Starting a server at:2001...
Starting a server at:2002...
Starting a server at:2003...
```

Services 5 total

Search	Health Status	Service Type
consul		
1 Instance		
server-2000		
1 Instance		
server-2001		
1 Instance		
server-2002		
1 Instance		
server-2003		
1 Instance		