

- JBoss EAP 7 TCP clustering** 3
- TCPPING*** 3
- 4

JBoss EAP 7 TCP clustering

```

UDP multicast가 가
TCP
web.xml <distributed/>
TCP

```

TCPPING

- JBoss EAP 7.2.x

JBOS-CLI

```

# Delete previous settings
/subsystem=jgroups/channel=ee:write-attribute(name=stack,value=udp)
/subsystem=jgroups/stack=tcpping:remove
/socket-binding-group=standard-sockets/remote-destination-outbound-socket-
binding=jgroups-host-b:remove
/socket-binding-group=standard-sockets/remote-destination-outbound-socket-
binding=jgroups-host-a:remove

# Define the socket bindings
#
. port-offset
. ( 7600)
/socket-binding-group=standard-sockets/remote-destination-outbound-socket-
binding=jgroups-host-a:add(host=10.61.151.153,port=7600)
/socket-binding-group=standard-sockets/remote-destination-outbound-socket-
binding=jgroups-host-b:add(host=10.61.151.154,port=7600)

batch
# Add the tcpping stack
/subsystem=jgroups/stack=tcpping:add
/subsystem=jgroups/stack=tcpping/transport=TCP:add(socket-binding=jgroups-
tcp)
#
/subsystem=jgroups/stack=tcpping/protocol=TCPPING:add(socket-
bindings=[jgroups-host-a,jgroups-host-b])
/subsystem=jgroups/stack=tcpping/protocol=MERGE3:add
/subsystem=jgroups/stack=tcpping/protocol=FD_SOCKET:add
/subsystem=jgroups/stack=tcpping/protocol=FD_ALL:add
/subsystem=jgroups/stack=tcpping/protocol=VERIFY_SUSPECT:add
/subsystem=jgroups/stack=tcpping/protocol=pbcast.NAKACK2:add
/subsystem=jgroups/stack=tcpping/protocol=UNICAST3:add
/subsystem=jgroups/stack=tcpping/protocol=pbcast.STABLE:add
/subsystem=jgroups/stack=tcpping/protocol=pbcast.GMS:add
/subsystem=jgroups/stack=tcpping/protocol=MFC:add
/subsystem=jgroups/stack=tcpping/protocol=FRAG2:add

```

```
# Set tcpping as the stack for the ee channel
/subsystem=jgroups/channel=ee:write-attribute(name=stack,value=tcpping)
run-batch
reload
```

XML

JBoss EAP 7.0

7.2

.

```
<stack name="tcpping">
  <transport type="TCP" socket-binding="jgroups-tcp"/>
  <socket-discovery-protocol type="TCPPING" socket-
bindings="jgroups-host-a jgroups-host-b"/>
  <protocol type="MERGE3"/>
  <protocol type="FD_SOCK"/>
  <protocol type="FD_ALL"/>
  <protocol type="VERIFY_SUSPECT"/>
  <protocol type="pbcast.NAKACK2"/>
  <protocol type="UNICAST3"/>
  <protocol type="pbcast.STABLE"/>
  <protocol type="pbcast.GMS"/>
  <protocol type="MFC"/>
  <protocol type="FRAG2"/>
</stack>
...

<outbound-socket-binding name="jgroups-host-a">
  <remote-destination host="10.61.151.153" port="7700"/> <!--
port-offset 가 -->
</outbound-socket-binding>
<outbound-socket-binding name="jgroups-host-b">
  <remote-destination host="10.61.151.154" port="7700"/> <!--
port-offset 가 -->
</outbound-socket-binding>
</socket-binding-group>
```

- <https://access.redhat.com/solutions/3021711>
- https://access.redhat.com/documentation/en-us/red_hat_jboss_enterprise_application_platform/7.0/html/configuration_guide/configuring_high_availability#configure_tcpping_stack

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