

- JBoss EAP 7 TCP clustering** ..... 3
- TCPPING*** ..... 3
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# JBoss EAP 7 TCP clustering

```

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

```

## TCPPING

- JBoss EAP 7.2.x

JBOSS-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_SOCK: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](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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