

## Blocking Specific SMTP Users

### Use Case:

Customer needs the ability to reset specific SMTP users.

### Info about below iRules:

EHLO is HELO but indicates that the user will use Extended SMTP command and the customer wants to reset if a specific User wants to connect via EHLO. Below iRules parses the client data and if it starts with EHLO testuser it resets the connection.

### F5 iRules:

```
ltm rule FixUP-SMTP {
when SERVER_CONNECTED {
peer { TCP::collect 4 }
}
when CLIENT_DATA {
if { [TCP::payload] starts_with "EHLO testuser" } {
# TCP::respond "500 5.3.3 Unrecognized command\r\n"
# TCP::payload replace 0 [TCP::payload length] ""
reject
}
TCP::release
}
}
```

### NetScaler Solution:

```
add responder policy fixsmtpreset10 "client.tcp.payload(5).contains(\"EHLO \").NOT" NOOP
add responder policy fixsmtpreset11 "client.tcp.payload(6).contains(\"EHLO t\").NOT" NOOP
add responder policy fixsmtpreset12 "client.tcp.payload(7).contains(\"EHLO te\").NOT" NOOP
add responder policy fixsmtpreset13 "client.tcp.payload(8).contains(\"EHLO tes\").NOT" NOOP
add responder policy fixsmtpreset14 "client.tcp.payload(9).contains(\"EHLO test\").NOT" NOOP
add responder policy fixsmtpreset15 "client.tcp.payload(10).contains(\"EHLO testu\").NOT" NOOP
add responder policy fixsmtpreset16 "client.tcp.payload(11).contains(\"EHLO testus\").NOT" NOOP
add responder policy fixsmtpreset17 "client.tcp.payload(12).contains(\"EHLO testuse\")" RESET
RESET
add responder policy fixsmtpreset18 "client.tcp.payload(13).contains(\"EHLO testuser\")" RESET
RESET
```

```
bind lb vserver smtpfrontend -policyName fixsmtpreset10 -priority 1 -gotoPriorityExpression END -
type REQUEST
bind lb vserver smtpfrontend -policyName fixsmtpreset11 -priority 2 -gotoPriorityExpression END -
type REQUEST
bind lb vserver smtpfrontend -policyName fixsmtpreset12 -priority 3 -gotoPriorityExpression END -
type REQUEST
bind lb vserver smtpfrontend -policyName fixsmtpreset13 -priority 4 -gotoPriorityExpression END -
type REQUEST
```

```
bind lb vserver smtpfrontend -policyName fixsmtpreset14 -priority 5 -gotoPriorityExpression END -  
type REQUEST  
bind lb vserver smtpfrontend -policyName fixsmtpreset15 -priority 6 -gotoPriorityExpression END -  
type REQUEST  
bind lb vserver smtpfrontend -policyName fixsmtpreset16 -priority 7 -gotoPriorityExpression END -  
type REQUEST  
bind lb vserver smtpfrontend -policyName fixsmtpreset17 -priority 8 -gotoPriorityExpression END -  
type REQUEST  
bind lb vserver smtpfrontend -policyName fixsmtpreset18 -priority 8 -gotoPriorityExpression END -  
type REQUEST
```