

Rewrite HTTP Redirect Port

Use Case:

Location header carries the URL where the client needs to connect to. Many times the Apps would append a pre-defined port number with the URL which may not be needed or would cause connectivity issues. Thus ADC is required to remove the Server port number from the Location header of http response.

F5 iRule:

```
when HTTP_RESPONSE {

    # Check if server response is a redirect
    if { [HTTP::header is_redirect]} {

        # Log original and updated values
        log local0. "Original Location header value: [HTTP::header value Location],\
            updated: [string map ":[TCP::remote_port]/ /" [HTTP::header value Location]]"

        # Do the update, replacing :8080/ with / (where 8080 is the pool member's port)
        HTTP::header replace Location [string map ":[TCP::remote_port]/ /" [HTTP::header value Location]]
    }
}

# Note: You could replace the current mapping, ":[TCP::remote_port]/ /" , with the VIP port if the virtual server is on a non-standard port:

# Replace selected pool member's port with the VIP port
HTTP::header replace Location [string map ":[LB::server port]/ :[client side {TCP::local_port}]/" [HTTP::header value Location]]
```

Netscaler Solution:

```
add rewrite action act1 replace_all HTTP.RES.HEADER("Location") ""/" -pattern  
""+SERVER.TCP.DSTPORT+"/"
```

```
add rewrite policy pol1 HTTP.RES.HEADER("Location").EXISTS act1
```

Bind the policy to vserver or Global bind point on Response side flow.