

X-Forwarded-For Header Insert

Use Case:

When HTTP request contains X-Forwarded-For header, the values will be replaced with single Client IP address. If there is no X-Forwarded header, it will be added and assigned with the Client IP address.

F5 iRules:

```
when HTTP_REQUEST {
    if {[HTTP::header exists X-Forwarded-For]}{
        HTTP::header replace X-Forwarded-For "[HTTP::header X-Forwarded-For], [IP::client_addr]"
    } else {
        HTTP::header insert X-Forwarded-For [IP::client_addr]
    }
}
```

NetScaler Solution:

```
add rewrite action xforward replace HTTP.REQ.HEADER("X-Forwarded-For")
CLIENT.IP.SRC
add rewrite policy xforward_check_pol "HTTP.REQ.HEADER("X-FORWARDED-
FOR").EXISTS"
```

Bind the above policy to Global or vServer level bind point.

```
add rewrite action xforward_add insert_http_header X-FORWARDED-FOR CLIENT.IP.SRC
add rewrite policy xforward_add_pol "HTTP.REQ.HEADER("X-FORWARDED-
FOR").EXISTS.NOT" xforward_add
```

Bind the above policy to Global or vServer level bind point.