

Conditional Rewrite based on Hostname

Use Case:

This is general use case for redirecting HTTP based requests to HTTPS with exception to certain domains. The exceptions should be processed by the vserver where the request lands.

F5 iRules:

```
when CLIENT_ACCEPTED {
    # Save the name of the VS default pool
    set default_pool [LB::server pool]
}
when HTTP_REQUEST {
    switch [string tolower [HTTP::host]] {
        "www.domain-a.de" -
        "www.domain-b.de" -
        "www.domain-c.de" {
            # send these to default pool
            pool $default_pool
        }
        default { HTTP::redirect "https://[HTTP::host][HTTP::uri]" }
    }
}
```

URL: <https://devcentral.f5.com/questions/referencing-the-vs-default-pool-as-destination-in-irule>

NetScaler Solution:

```
add patset allowed_hosts
bind patset allowed_hosts www.domain-a.de
bind patset allowed_hosts www.domain-b.de
bind patset allowed_hosts www.domain-c.de
add responder action act_redirect_others redirect
'"https://" + HTTP.REQ.HEADER("Host") + HTTP.REQ.URL'
add responder policy pol_redirect_others
HTTP.REQ.HEADER("Host").EQUALS_ANY("allowed_hosts").NOT
```

act_redirect_others

Bind Responder policy to specific VSERVER or to Global responder bind point. Here we are creating the exception list using patset and any of the requests with matching Host header will be allowed to be processed on specific vserver. While all other requests will be redirected with protocol changed to https.