

Akamai True-Client-IP Header Persistence

Use Case:

Akamai's True-Client-IP header is the best way to recognize actual Client IP for all traffic routed through Akamai regional servers. Akamai inserts this header in each request with a value of the original user's IP address. This header can be used to define persistence for real client with the same backend server.

F5 iRules:

```
when HTTP_REQUEST {
    set True_Client_IP [HTTP::header "True-Client-IP"]
    if { $True_Client_IP ne "" } {
        persist uie $True_Client_IP
        log local0. "[IP::client_addr]:[TCP::client_port]: True-Client-IP: [HTTP::header value True-Client-IP], persist record: [persist lookup uie $True_Client_IP]"
    }
}
```

NetScaler Solution:

```
set lb vserver MyApp -PersistenceType RULE -rule "HTTP.REQ.HEADER(!"True-Client-IP")"
```

This is a very simple 1 line configuration on the vserver defined in NetScaler. Rule based persistency configuration enables a vserver to dynamically look for the content defined by the policy expression and use it for decision making.