

Rewrite in Stream mode

Use Case:

Doing Rewrite in streaming mode for text operations on the response received from the server.

F5 iRules:

```
when HTTP_REQUEST {
  # Disable the stream filter for client requests as we are only interested in the server response
  STREAM::disable
}

when HTTP_RESPONSE {
  # Disable the stream filter for all server responses
  STREAM::disable
  # except for valid text responses only then enable the stream filter
  if {[HTTP::header value Content-Type] contains "text"}{
    # Replace old text with javascript, find title tag and replace it with the title tag and the adrum
    call
    STREAM::expression {@</title>@</title><script>>window['adrum-start-time'] = new
Date().getTime();</script><script type="text/javascript" src="
https://onecuatcdn.cognizant.com/Scripts/adrum_942.js?_=1457005793296 "></script>@}
    # Enable the stream filter for this response only
    STREAM::enable
  }
}
```

NetScaler Solution:

```
add rewrite action act1 replace_all HTTP.RES.BODY(HTTP.RES.CONTENT_LENGTH)
q{"</title><script>window['adrum-start-time'] = new Date().getTime();</script><script
type=\"text/javascript\" src=\"
https://onecuatcdn.cognizant.com/Scripts/adrum_942.js_ =1457005793296 \"></script>} -search
text("</title>")
```

```
add rewrite policy pol1 HTTP.RES.HEADER("Content-Type").CONTAINS("text") act1
```

Bind the policy to vserver or global bind point in the response side.