

HTTP Inspection – STEP 2

In addition, HTTP inspection policy map has special parameters option for specifying action to take if HTTP protocol violation occurs.

To enter into **parameters configuration** mode in inspection policy map:

```
ciscoasa(config-pmap) # parameters
ciscoasa(config-pmap-p) #
```

To **configure** action for **HTTP protocol violation**, enter the command:

```
ciscoasa(config-pmap-p) # protocol-violation {action
[drop-connection / reset / log]}
```

17

HTTP Inspection – STEP 1 & 2

To summarise, here is an example of HTTP inspection class map and inspection policy map.

```
ciscoasa(config)# regex uri_example example\.com
ciscoasa(config)# regex uri_example2 examples\.com
ciscoasa(config)# class-map type regex match-any ULLs
ciscoasa(config-cmap)# match uri uri_example
ciscoasa(config-cmap)# match uri uri_example2
ciscoasa(config)# class-map type inspect http-match-all http-traffic
ciscoasa(config-cmap)# match uri uri_example match
ciscoasa(config-cmap)# match request body length gt 1000
ciscoasa(config-cmap)# match not request uri regex class ULLs
ciscoasa(config)# policy-map type inspect http http-map1
ciscoasa(config-pmap)# class http-traffic
ciscoasa(config-pmap-c)# drop-connection log
ciscoasa(config-pmap-c)# match log-req content-type mismatch
ciscoasa(config-pmap-c)# reset log
ciscoasa(config-pmap) # parameters
ciscoasa(config-pmap-p) # protocol-violation action log
```

18

HTTP Inspection – STEP 3

```
ciscoasa(config)# policy-map test
ciscoasa(config-pmap) # class test
ciscoasa(config-pmap-c) # inspect http http-map1
ciscoasa(config) # service-policy test interface outside
```

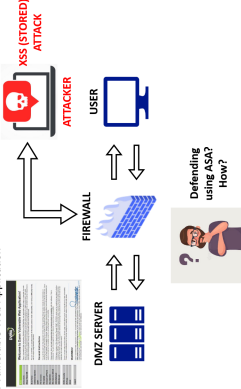
Note: If you modify an in-use HTTP inspection policy map, you must remove and reapply it for the changes to take effect.

```
ciscoasa(config)# policy-map test
ciscoasa(config-pmap) # class http
ciscoasa(config-pmap-c) # inspect http http-map1
ciscoasa(config-pmap-c) # inspect http http-map1
ciscoasa(config-pmap-c) # inspect http http-map1
```

19

LAB 6.2: What To Do in the LAB?

DAMN Vulnerable Web Application



20