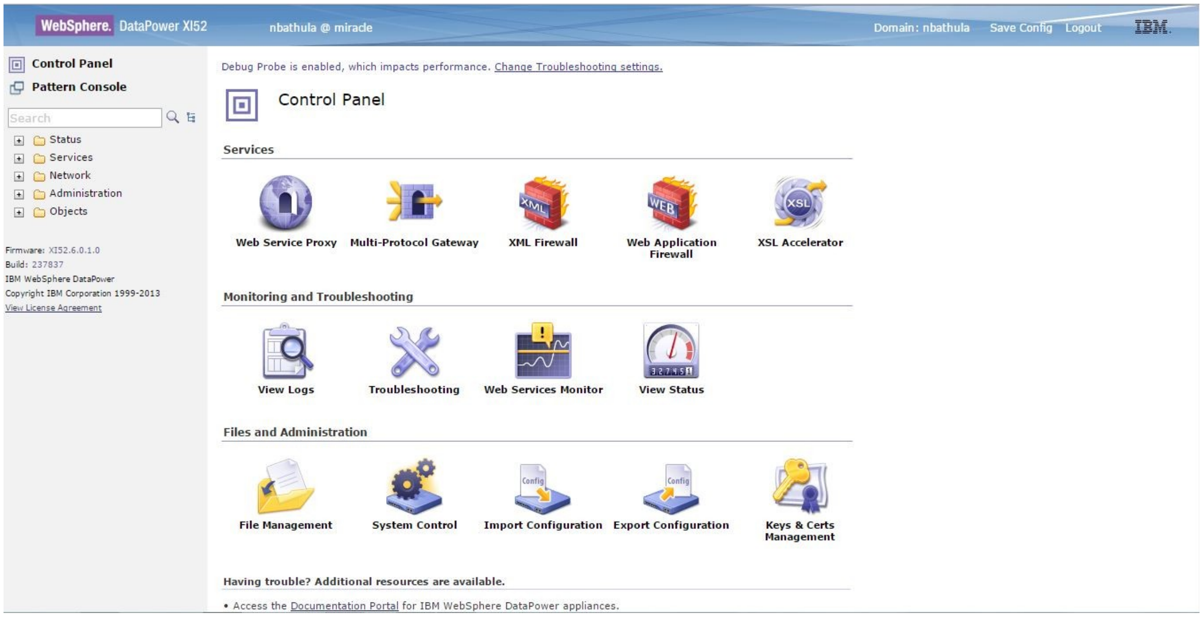
XML FIREWALL STATIC BACKEND

1. Click on XML FIREWALL



Firmware: XI52.6.0.1.0
Build: 237837
IBM WebSphere DataPower
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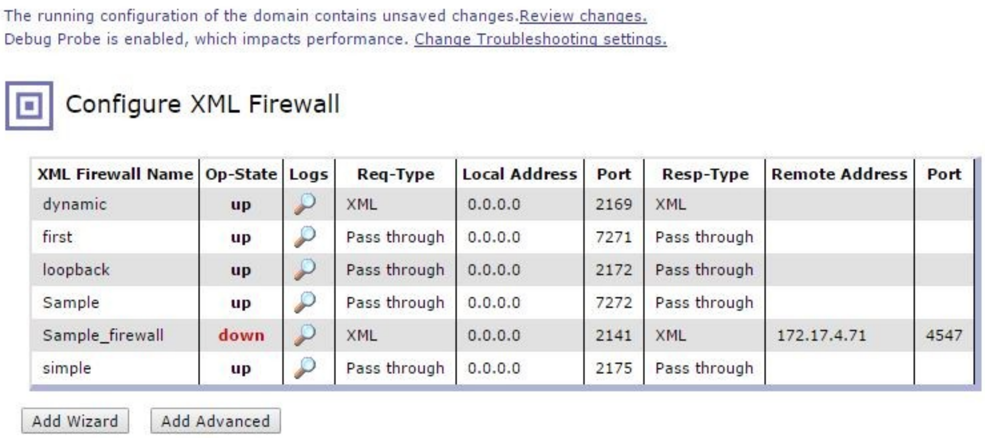
Debug Probe is enabled, which impacts performance. Change Troubleshooting settings.

Having trouble? Additional resources are available.

- Access the Documentation Portal for IBM WebSphere DataPower appliances.

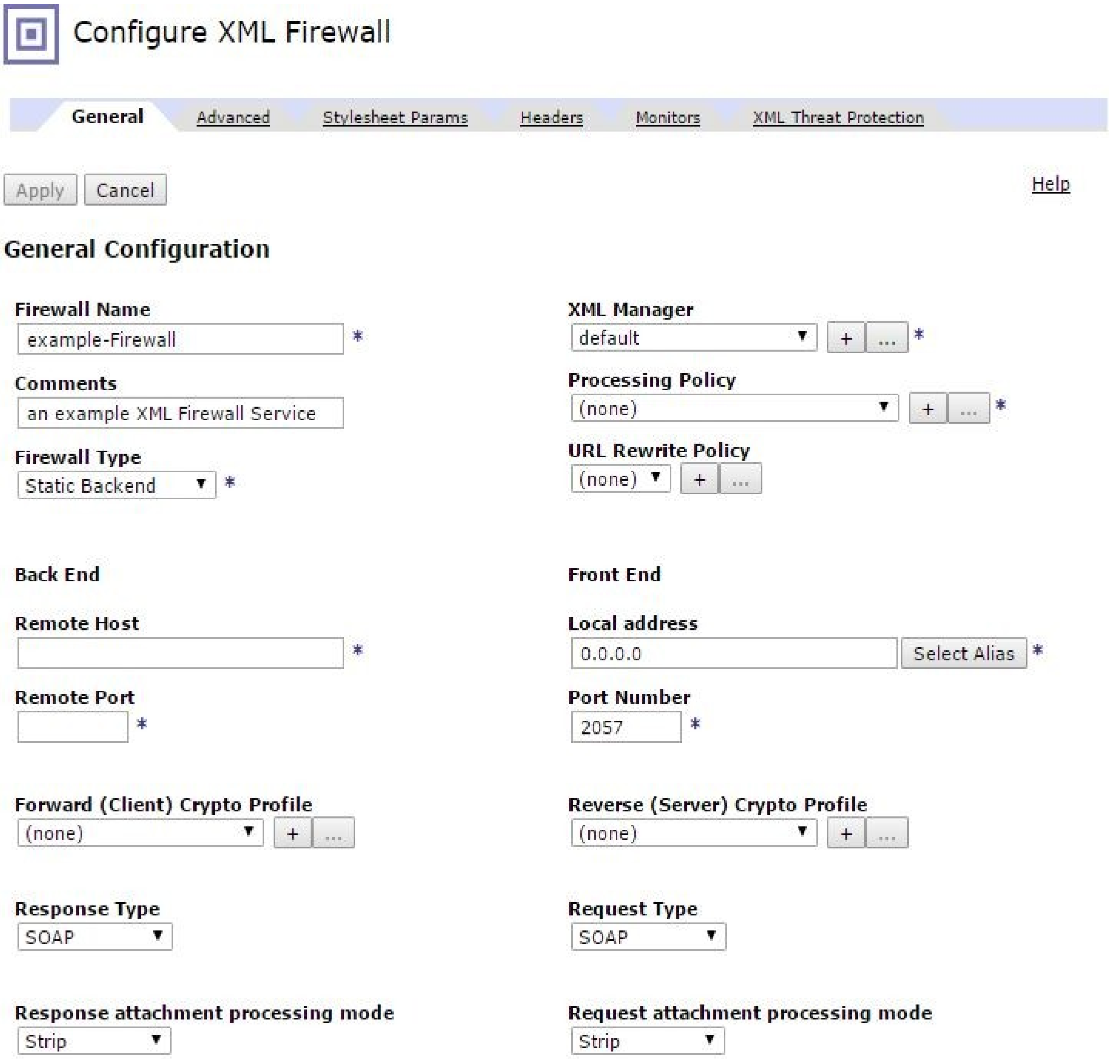
2. Click on 'Add Advanced' button


The running configuration of the domain contains unsaved changes.Review changes.
Debug Probe is enabled, which impacts performance. Change Troubleshooting settings.

Configure XML Firewall

XML Firewall Name	Op-State	Logs	Req-Type	Local Address	Port	Resp-Type	Remote Address	Port
dynamic	up	🔍	XML	0.0.0.0	2169	XML		
first	up	🔍	Pass through	0.0.0.0	7271	Pass through		
loopback	up	🔍	Pass through	0.0.0.0	2172	Pass through		
Sample	up	🔍	Pass through	0.0.0.0	7272	Pass through		
Sample_firewall	down	🔍	XML	0.0.0.0	2141	XML	172.17.4.71	4547
simple	up	🔍	Pass through	0.0.0.0	2175	Pass through		

3. Now select 'Firewall Type' as Static Bakend and to add new policy click on '+' button in Processing Policy field.



General Configuration

Firewall Name: example-Firewall *

Comments: an example XML Firewall Service

Firewall Type: Static Backend *

XML Manager: default + ... *

Processing Policy: (none) + ... *

URL Rewrite Policy: (none) + ...

Back End

Remote Host: *

Remote Port: *

Front End

Local address: 0.0.0.0 Select Alias *

Port Number: 2057 *

Forward (Client) Crypto Profile: (none) + ...

Reverse (Server) Crypto Profile: (none) + ...

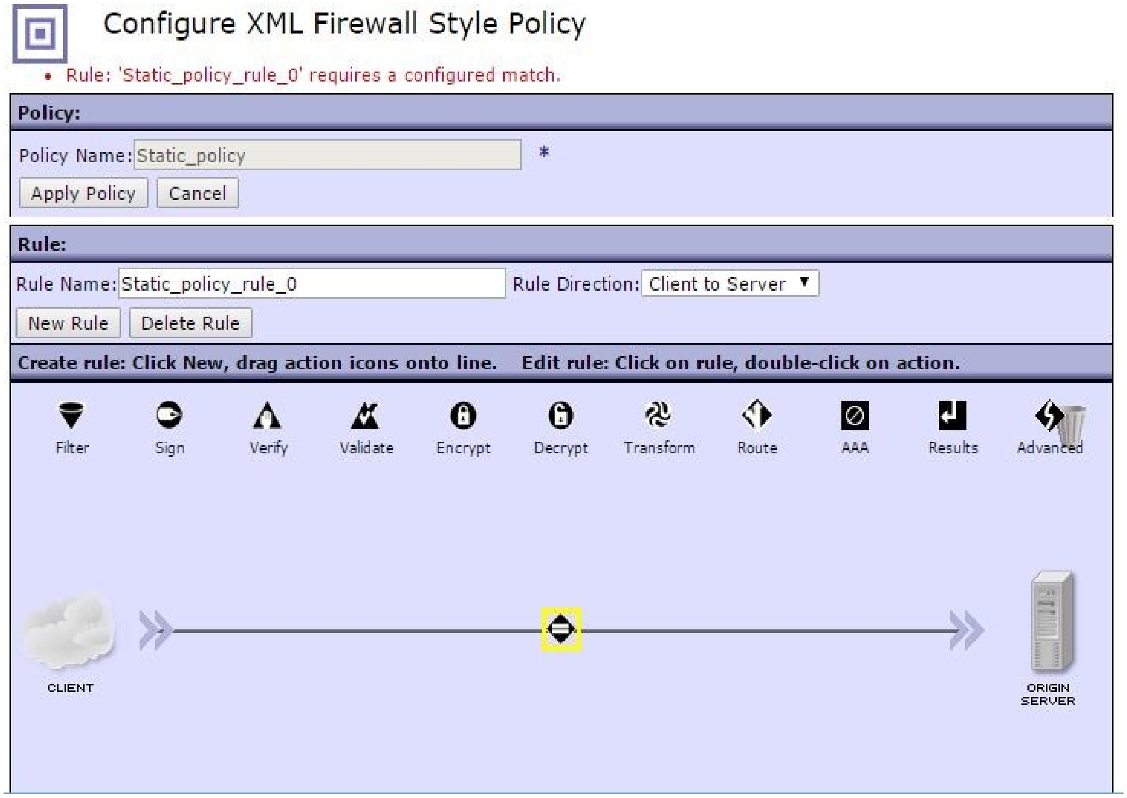
Response Type: SOAP

Request Type: SOAP

Response attachment processing mode: Strip

Request attachment processing mode: Strip

4. Give Policy Name and click on 'New Rule' for new rule and select direction as 'Client to Server'. Now double click on action and configure it.



Configure XML Firewall Style Policy

- Rule: 'Static_policy_rule_0' requires a configured match.

Policy:

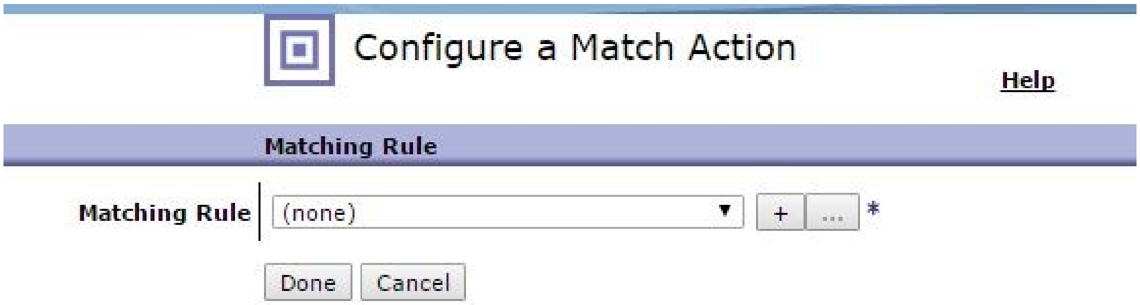
Policy Name: Static_policy *

Rule:

Rule Name: Static_policy_rule_0 Rule Direction: Client to Server

Create rule: Click New, drag action icons onto line. Edit rule: Click on rule, double-click on action.

5. Click on '+' to create new Macting rule



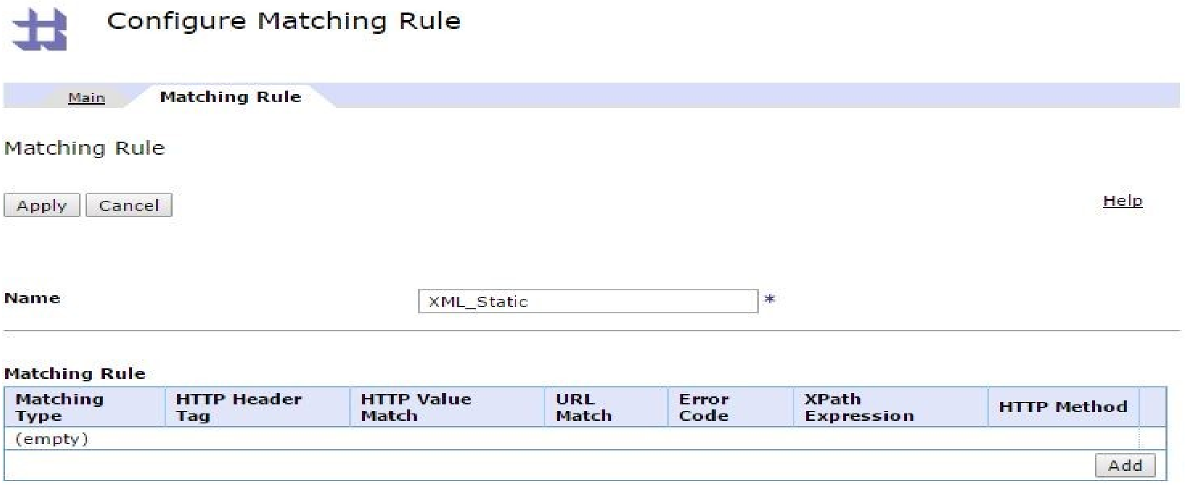
Configure a Match Action

Matching Rule

Matching Rule (none) *

6.

6. Give a name and click on 'Add' button.



Configure Matching Rule

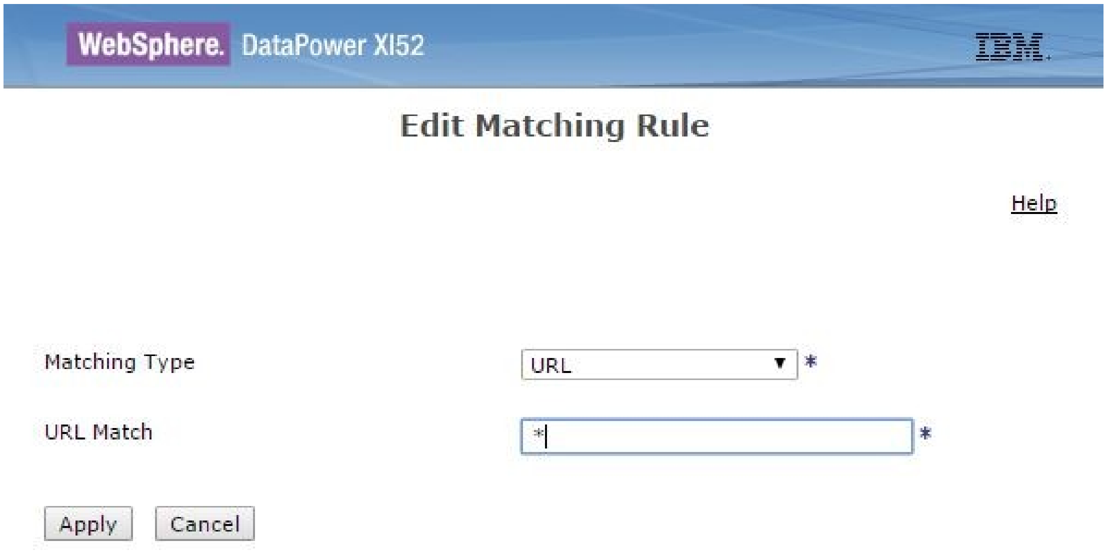
Matching Rule

Name: XML_Static *

Matching Rule

Matching Type	HTTP Header Tag	HTTP Value Match	URL Match	Error Code	XPath Expression	HTTP Method
(empty)						

7. Give '*' in URL Match and click on done.



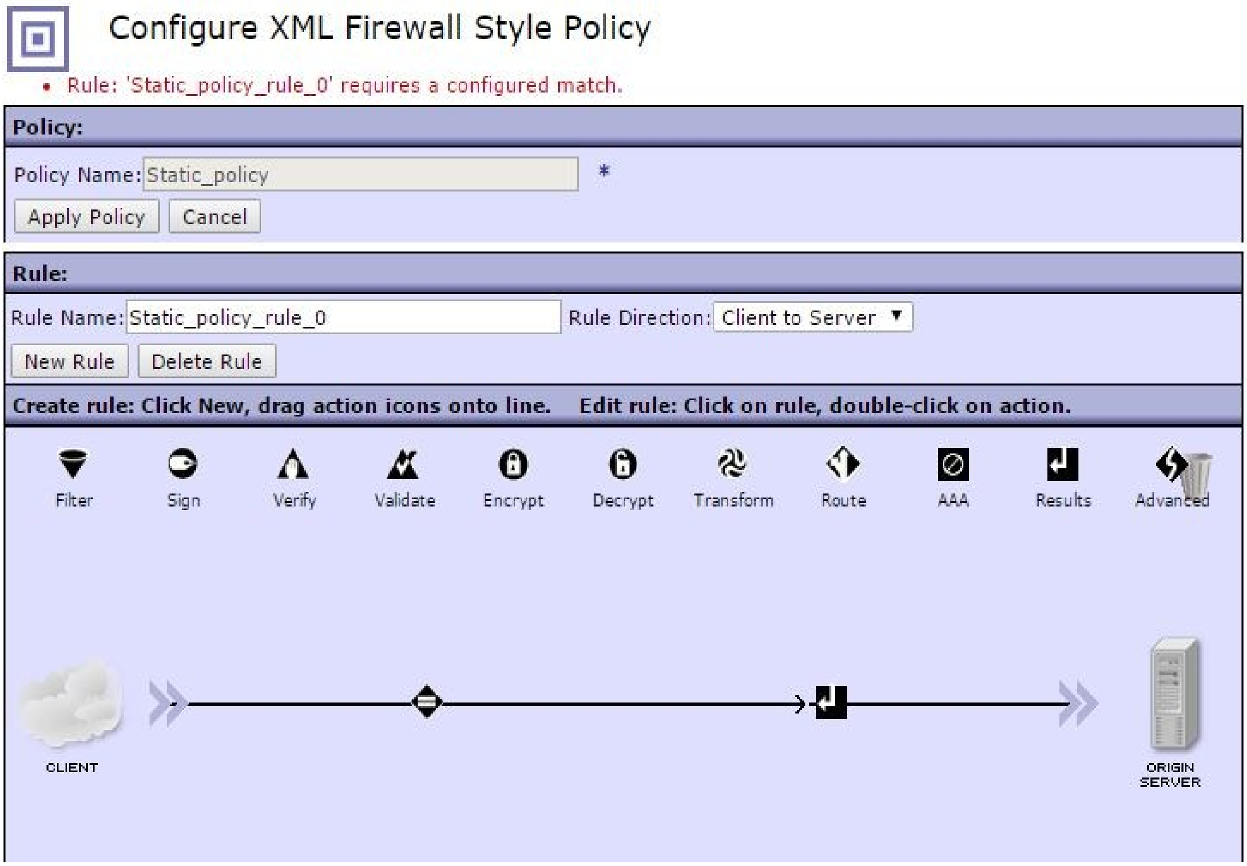
Edit Matching Rule

Matching Type: URL *

URL Match: * *

8.

8. Drag and Drop Results action.



Configure XML Firewall Style Policy

- Rule: 'Static_policy_rule_0' requires a configured match.

Policy:

Policy Name: Static_policy *

Apply Policy | Cancel

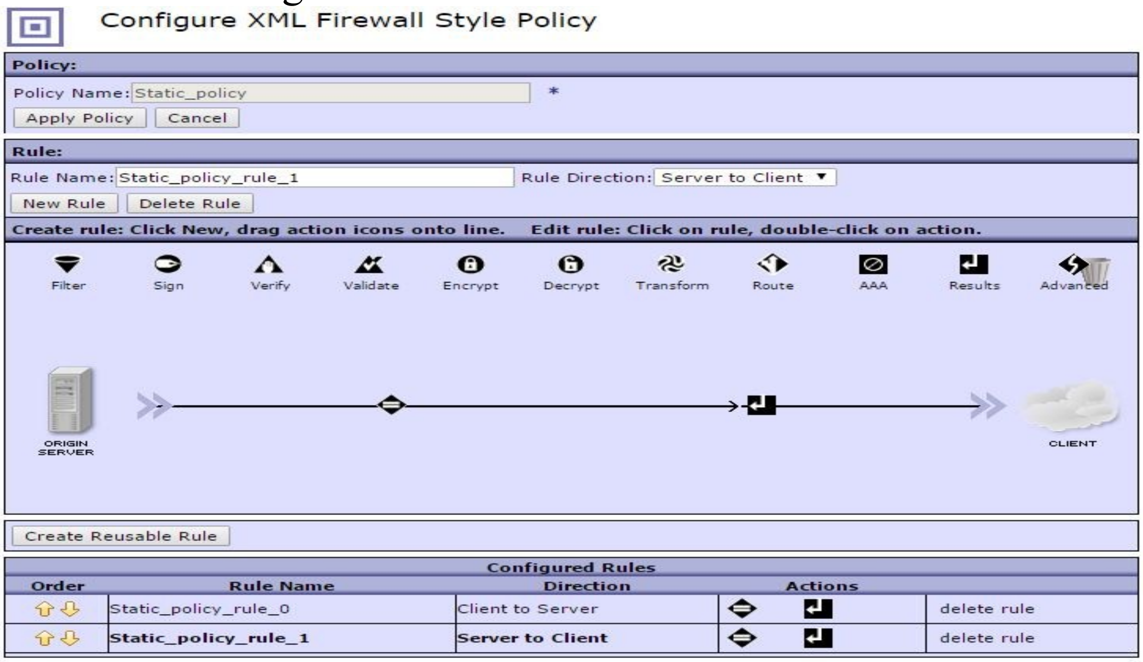
Rule:

Rule Name: Static_policy_rule_0 Rule Direction: Client to Server ▼

New Rule | Delete Rule

Create rule: Click New, drag action icons onto line. Edit rule: Click on rule, double-click on action.

9. Do same thing for 'Server to Client' and take new rule.



Configure XML Firewall Style Policy

Policy:

Policy Name: Static_policy *

Apply Policy | Cancel

Rule:

Rule Name: Static_policy_rule_1 Rule Direction: Server to Client ▼

New Rule | Delete Rule

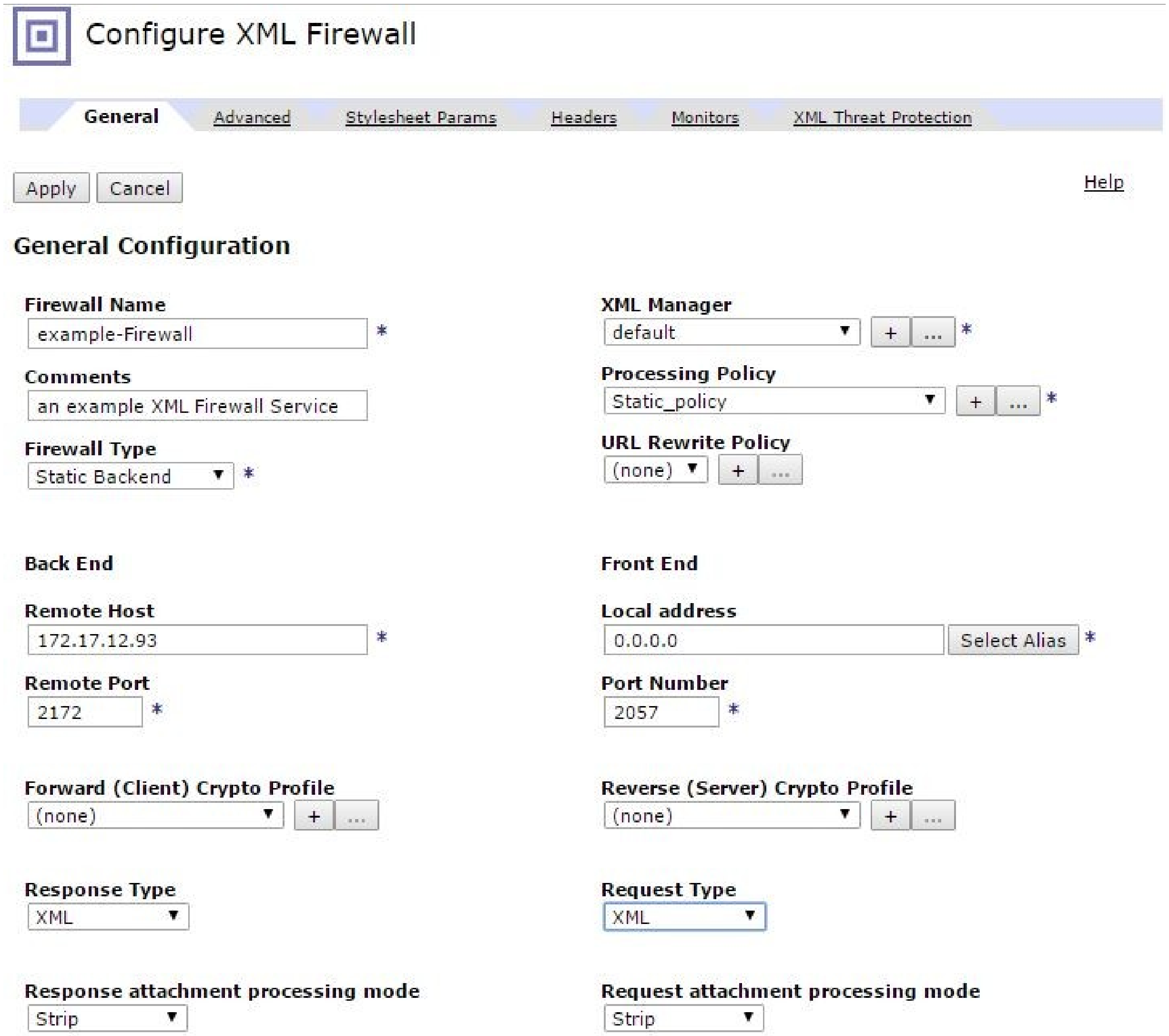
Create rule: Click New, drag action icons onto line. Edit rule: Click on rule, double-click on action.

Create Reusable Rule

Configured Rules

Order	Rule Name	Direction	Actions		
⇧ ⇩	Static_policy_rule_0	Client to Server	◆	↵	delete rule
⇧ ⇩	**Static_policy_rule_1**	**Server to Client**	◆	↵	delete rule

11. Give Remote Host and Remote Port number. Click on 'Apply' and save config.



Configure XML Firewall

General Configuration

Firewall Name: example-Firewall *

Comments: an example XML Firewall Service

Firewall Type: Static Backend *

XML Manager: default *

Processing Policy: Static_policy *

URL Rewrite Policy: (none)

Back End

Remote Host: 172.17.12.93 *

Remote Port: 2172 *

Front End

Local address: 0.0.0.0 Select Alias *

Port Number: 2057 *

Forward (Client) Crypto Profile: (none)

Reverse (Server) Crypto Profile: (none)

Response Type: XML

Request Type: XML

Response attachment processing mode: Strip

Request attachment processing mode: Strip

13. Test service by clicking on show Probe.