

KB 091 : PowerConnect Java : Advanced PI filter configuration

The following table describes the xml element names and valid values for advanced PI filtering:

Element Name	Valid Values	Description	Example
direction	INBOUND,OUTBOUND	filter on direction of pi message	INBOUND
interfacename	any string	filter on interface name of pi message	testinterface
namespace	any string	filter on namespace of pi message	testnamespace
messagetype	any string	filter on type of pi message	send
onlyfaultymessages	false,true	track only pi messages that experience an error	
receivername	any string	filter on receiver name of pi message	testreceiver
receiverparty	any string	filter on receiver party of pi message	testparty
sendername	any string	filter on sender name of pi message	testsender
senderparty	any string	filter on sender party of pi message	testparty
status	success,toBeDelivered,waiting,holding,delivering,systemError,canceled	filter on status of pi message	systemError
payload	false,true	collect staged payload of pi message	
logs	false,true	collect audit logs for pi message	
payloadversion	all,latest,comma separated list of versions	collect specific version(s) of staged pi message payload	1,4
payloadlog	false,true	collect logged payload of pi message	
payloadlogversion	comma separated list of versions	collect specific version(s) of logged pi message payload	0,1

Here is an example XML:

```
<PIFilters>
  <PIFilter>
    <direction/>
    <interfacename>TestData_out</interfacename>
    <namespace/>
    <messagetype/>
    <onlyfaultymessages>>false</onlyfaultymessages>
    <receivername/>
    <receiverparty/>
    <sendername/>
    <senderparty/>
    <status/>
    <payload>>true</payload>
    <logs>>true</logs>
    <payloadversion>all</payloadversion>
    <payloadlog>>false</payloadlog>
    <payloadlogversion>0</payloadlogversion>
  </PIFilter>
  <PIFilter>
    <direction/>
    <interfacename>TestData_in</interfacename>
    <namespace/>
    <messagetype/>
    <onlyfaultymessages>>false</onlyfaultymessages>
    <receivername/>
    <receiverparty/>
    <sendername/>
    <senderparty/>
    <status/>
    <payload>>true</payload>
    <logs>>true</logs>
    <payloadversion>all</payloadversion>
    <payloadlog>>false</payloadlog>
    <payloadlogversion>0</payloadlogversion>
  </PIFilter>
  <PIFilter>
    <direction/>
    <interfacename>myinboundservice</interfacename>
    <namespace/>
    <messagetype/>
    <onlyfaultymessages>>false</onlyfaultymessages>
    <receivername/>
    <receiverparty/>
    <sendername/>
    <senderparty/>
    <status/>
    <payload>>false</payload>
    <logs>>false</logs>
    <payloadversion>latest</payloadversion>
    <payloadlog>>true</payloadlog>
    <payloadlogversion>0</payloadlogversion>
  </PIFilter>
  <PIFilter>
    <direction/>
    <interfacename>myoutboundservice</interfacename>
    <namespace/>
    <messagetype/>
    <onlyfaultymessages>>false</onlyfaultymessages>
    <receivername/>
    <receiverparty/>
    <sendername/>
    <senderparty/>
    <status/>
    <payload>>false</payload>
    <logs>>false</logs>
    <payloadversion>latest</payloadversion>
    <payloadlog>>true</payloadlog>
    <payloadlogversion>0,1</payloadlogversion>
  </PIFilter>
</PIFilters>
```