



# Lightning Talk: New Auditing Features

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## Example Configuration Stanza (Current)

```
"plugin_specific_configuration": {  
  "amqp_location": "ANONYMOUS@localhost:5672",  
  "amqp_topic": "audit_messages",  
  "pep_regex_to_match": "pep_(api|resource)_.*"  
}
```

| Configuration Option | Description                                                                         |
|----------------------|-------------------------------------------------------------------------------------|
| amqp_location        | Endpoint with which to establish AMQP 1.0 connection                                |
| amqp_topic           | Path on AMQP endpoint to which to send messages                                     |
| pep_regex_to_match   | Filter defining which PEPs to generate messages for (EMCAScript regular expression) |

## Example Configuration Stanza (NEW)

```
"plugin_specific_configuration": {
  "failsafe_mode": "BLOCK_OPERATION",
  "pep_regex_to_match": "pep_(api|resource)_.*",
  "amqp_endpoints": [
    {
      "scheme": "amqp",
      "host": "localhost",
      "port": 5672
    }
  ],
  "amqp_user": "USERNAME",
  "amqp_password": "PASSWORD",
  "amqp_path": "queues/audit_messages",
  "amqp_sasl": {
    "enable": true,
    "mechanisms": [
      "PLAIN",
      "ANONYMOUS"
    ],
    "allow_insecure": true
  },
  "amqp_connection_open_timeout": 30000,
  "amqp_sender": {
    "delivery_mode": "AT_LEAST_ONCE",
    "target": {
      "durability_mode": "UNSETTLED_STATE"
    }
  },
  "amqp_durable_messages": true,
  "amqp_message_send_timeout": 30000
}
```

## Example Configuration Stanza (NEW)

| Configuration Option            | Description                                                                         |
|---------------------------------|-------------------------------------------------------------------------------------|
| <code>failsafe_mode</code>      | Whether or not to allow operations to continue in the event of an auditing failure  |
| <code>pep_regex_to_match</code> | Filter defining which PEPs to generate messages for (EMCAScript regular expression) |
| <code>amqp_endpoints</code>     | Array of AMQP endpoints with which to establish AMQP 1.0 connection                 |
| <code>amqp_user</code>          | Username with which to authenticate with the AMQP endpoints                         |
| <code>amqp_password</code>      | Password with which to authenticate with the AMQP endpoints                         |
| <code>amqp_path</code>          | Path on AMQP endpoints to which to send messages                                    |

We now expose most of the Qpid Proton settings as configuration options prefixed with `amqp_`. Many of these configuration options have a one-to-one relationship with a Qpid Proton setting.

A more complete description of all configuration options can be found in [the plugin's README](#).