



# XMPP

## XEP-0064: XPath Filtering

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Deferred	Informational	Not yet assigned

A module that provides an XPath matching condition for packet filtering.

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## 1 Introduction

This document defines a module for [Packet Filtering \(XEP-0062\)](#)<sup>1</sup> that provides an XPath matching condition for packet filtering.

This module operates in the "http://jabber.org/protocol/filter/xpath" namespace.

## 2 Conditions

This module defines the following conditions:

- `<xpath/>` - true if the XPath expression contained in the CDATA of this element, when applied to the packet, returns one or more nodes.

Listing 1: Matches all messages with that have a subject element

```
<xpath xmlns='http://jabber.org/protocol/filter/xpath'>/message/  
subject</xpath>
```

Listing 2: Matches all presence packets that have an x:delay stamp

```
<xpath xmlns='http://jabber.org/protocol/filter/xpath'>/presence/x[  
namespace-uri()='jabber:x:delay']</xpath>
```

## 3 Security Considerations

There are no security features or concerns related to this proposal.

## 4 IANA Considerations

This document requires no interaction with the IANA.

## 5 JANA Considerations

No namespaces or parameters need to be registered with JANA as a result of this document.

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<sup>1</sup>XEP-0062: Packet Filtering <<https://xmpp.org/extensions/xep-0062.html>>.