XEP-0064: XPath Filtering

Robert Norris
mailto:rob@cataclysm.cx
xmpp:rob@cataclysm.cx

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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) \(^1\) 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

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

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

```xml
<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.