XEP-0089: Generic Alerts

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Deferred	Standards Track	Not yet assigned

A protocol for generic alerts (similar to .NET Alerts service).

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1 Introduction

Generic Alerts is a way to extend headlines to allow functionality similar to .NET Alerts.

2 Requirements

The motivations for this document are:

- To allow services to send alerts to users, e.g. like an auction notifying you when you are outbid or that you have won

3 Use Cases

3.1 Generic Alert message

Generic Alerts extend headline messages to specify such things as a logo (32x32 png) and url to goto when the alert is clicked:

Listing 1: Generic alert message

```
<message to='user@domain.com' from='domain.com' type='headline' id='
    alert1'>
  <subject>Auction Alert</subject>
  <body>You have been outbid!</body>
  <alert xmlns='http://jabber.org/protocol/alert'>
    <logo>http://www.auction.com/alert.png</logo>
    <url>http://www.auction.com/item?1292192</url>
  </alert>
</message>
```

4 Implementation Notes

The following guidelines may assist client developers.

- The existance of an alert element of the namespace 'http://jabber.org/protocol/alert' means this is an alert and not a normal headline.
- Alerts should be displayed differently, possibly in toast popups.
- The logo is an optional graphic to display representing the service being alerted on, e.g. ebay logo.
- When clicked on the users web browser will be opened to the specified url.

5 Security Considerations

None.

6 IANA Considerations

No IANA interaction required.

7 XMPP Registrar Considerations

The XMPP Registrar [1] will need to register the new namespace of "http://jabber.org/protocol/alert".

[1] The XMPP Registrar maintains a list of reserved protocol namespaces as well as registries of parameters used in the context of XMPP extension protocols approved by the XMPP Standards Foundation. For further information, see <http://xmpp.org/registrar/>.