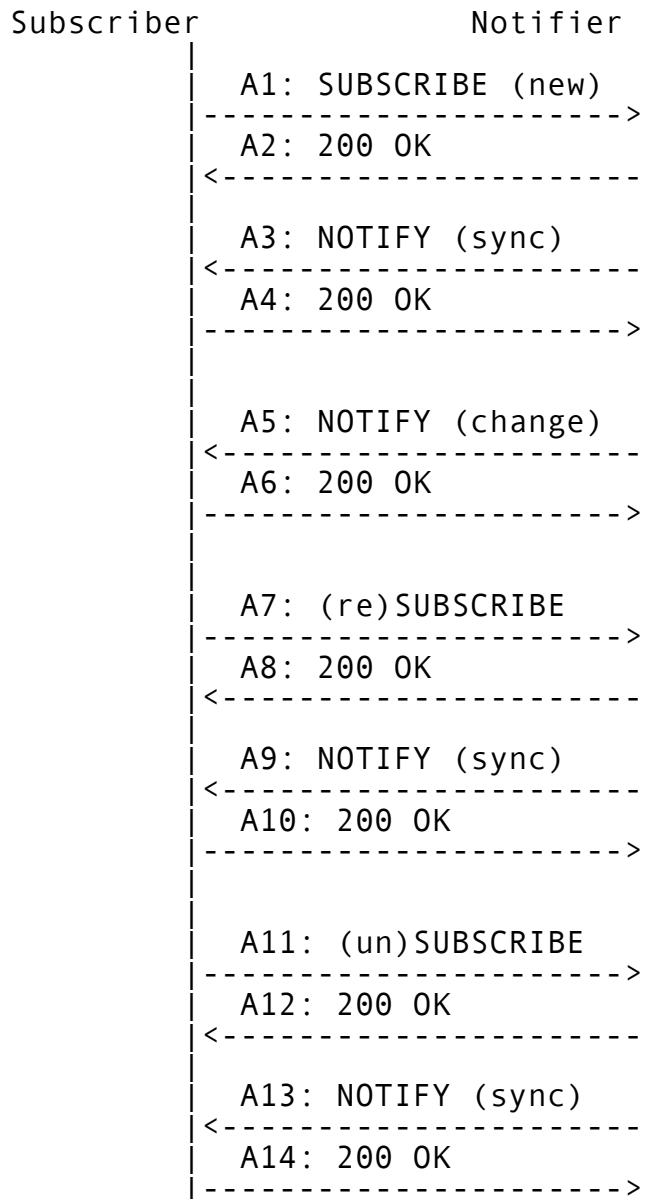


Message Waiting for SIP

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Message Flow from RFC 3842

- Uses general purpose SIP Events framework defined in RFC3265
 - has an explicit subscription synchronization and lifetime model (robust but chatty)
- A PUBLISH method is also defined but generally used only from endpoint-style user agents to “big servers”
 - PUBLISH uses ETags

Existing notification MIME type

Messages-Waiting: yes

Message-Account: sip:alice@vmail.example.com

Voice-Message: 4/8 (1/2)

Fax-Message: 1/1 (0/0)

Proposed extensions to RFC3842 for Sieve

- Use existing package name in Event header
 - Event: message-summary
 - Event: message-summary;version=4588
- Include sieve filter in most SUBSCRIBEs
 - Content-Type: application/sieve
- Use existing content negotiation to say how you want notification content:
 - Accept: application/sieve-notification+xml
 - Accept: application/simple-message-summary

Message Formats

```
=== SUBSCRIBE Body ===  
require ["enotify"];
```

```
if header :contains "from" "example.com" {  
    notify :message "Reminder to call about project foobar"  
           :options "headerlist" "From,Subject";  
}
```

```
=== NOTIFY Body ===  
<?xml version="1.0"?>  
<sieve-notifications notify-counter="4589">  
  <notification>  
    <header name="From">alice@example.com</header>  
    <header name="Subject">Foobar status report</header>  
    <message>Reminder to call about project foobar</message>  
  </notification>  
</sieve-notifications>
```


SIP Proxy



Messaging Server



Notifications

