

./CAFQnLh1JaTP2XpB0Fg5GQ9Gjeo7wVzR3gTnT5KtCdvqZMWZsiQ@mail.gmail.com.mbx.txt
Tue Nov 12 15:15:08 2024 1

From mboxrd@z Thu Jan 1 00:00:00 1970

Return-Path: <users-return-57565-archive-asf-public=cust-asf.ponee.io@activemq.apache.org>

X-Original-To: archive-asf-public@cust-asf.ponee.io

Delivered-To: archive-asf-public@cust-asf.ponee.io

Received: from mxout1-he-de.apache.org (mxout1-he-de.apache.org [95.216.194.37])

by mx-eu-03.ponee.io (Postfix) with ESMTPS id CA6143E817

for <archive-asf-public@cust-asf.ponee.io>; Tue, 22 Oct 2024 16:27:38 +0000 (UTC)

Received: from mail.apache.org (mailgw-he-de.apache.org [IPv6:2a01:4f8:c2c:d4aa::1])

(using TLSv1.3 with cipher TLS_AES_256_GCM_SHA384 (256/256 bits)

key-exchange X25519 server-signature RSA-PSS (4096 bits) server-digest SHA256)

(No client certificate requested)

by mxout1-he-de.apache.org (ASF Mail Server at mxout1-he-de.apache.org) with ESMTPS id B7081633ED

for <archive-asf-public@cust-asf.ponee.io>; Tue, 22 Oct 2024 16:27:38 +0000 (UTC)

C)

Received: (qmail 600277 invoked by uid 998); 22 Oct 2024 16:27:37 -0000

Mailing-List: contact users-help@activemq.apache.org; run by ezmlm

Precedence: bulk

List-Help: <mailto:users-help@activemq.apache.org>

List-Unsubscribe: <mailto:users-unsubscribe@activemq.apache.org>

List-Post: <mailto:users@activemq.apache.org>

List-Id: <users.activemq.apache.org>

Reply-To: users@activemq.apache.org

Delivered-To: mailing list users@activemq.apache.org

Received: (qmail 600214 invoked by uid 116); 22 Oct 2024 16:27:36 -0000

Received: from spamproc1-he-fi.apache.org (HELO spamproc1-he-fi.apache.org) (95.217.134.168)

by apache.org (qpsmtpd/0.94) with ESMTTP; Tue, 22 Oct 2024 16:27:36 +0000

Authentication-Results: apache.org; auth=none

Received: from localhost (localhost [127.0.0.1])

by spamproc1-he-fi.apache.org (ASF Mail Server at spamproc1-he-fi.apache.org) with ESMTTP id A3ADDC22DC

for <users@activemq.apache.org>; Tue, 22 Oct 2024 16:27:36 +0000 (UTC)

X-Virus-Scanned: Debian amavisd-new at spamproc1-he-fi.apache.org

X-Spam-Flag: NO

X-Spam-Score: 0.001

X-Spam-Level:

X-Spam-Status: No, score=0.001 tagged_above=-999 required=6.31

tests=[DKIM_SIGNED=0.1, DKIM_VALID=-0.1, DKIM_VALID_AU=-0.1, DKIM_VALID_EF=-0.1, HTML_MESSAGE=0.2, NUMERIC_HTTP_ADDR=0.001, SPF_PASS=-0.001, WEIRD_PORT=0.001] autolearn=disabled

Authentication-Results: spamproc1-he-fi.apache.org (amavisd-new);

dkim=pass (2048-bit key) header.d=gmail.com

Received: from mx1-he-de.apache.org ([116.203.227.195])

by localhost (spamproc1-he-fi.apache.org [95.217.134.168]) (amavisd-new, port 10024)

with ESMTTP id HgtGHtkql6VA for <users@activemq.apache.org>;

Tue, 22 Oct 2024 16:27:35 +0000 (UTC)

Received-SPF: Pass (mailfrom) identity=mailfrom; client-ip=2607:f8b0:4864:20::534; helo=mail-pg1-x534.google.com; envelope-from=milovidoff@gmail.com; receiver=<UNKNOWN>

Received: from mail-pg1-x534.google.com (mail-pg1-x534.google.com [IPv6:2607:f8b0:4864:20::534])

by mx1-he-de.apache.org (ASF Mail Server at mx1-he-de.apache.org) with ESMTPS id 836C1816B6

for <users@activemq.apache.org>; Tue, 22 Oct 2024 16:27:35 +0000 (UTC)

Received: by mail-pg1-x534.google.com with SMTP id 41be03b00d2f7-7ea7e250c54so4006721a12.0

for <users@activemq.apache.org>; Tue, 22 Oct 2024 09:27:35 -0700 (PDT)

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;

d=gmail.com; s=20230601; t=1729614447; x=1730219247; darn=activemq.apache.org;

h=to:subject:message-id:date:from:in-reply-to:references:mime-version

./CAFQnLh1JaTP2XpB0Fg5GQ9Gje07wVzR3gTnT5KtCdvqZMWZsiQ@mail.gmail.com.mbx.txt
Tue Nov 12 15:15:08 2024 2

:from:to:cc:subject:date:message-id:reply-to;
bh=+AVfgOibbZp5Ig4p5HGAMJxpMKnRZslKj9JLlB29lU=;
b=K9OCKRCUU7Qsi8nxIrbpSzx7zJP44d88NT95lkbJlaSDY6I5LM0UDP0SgAlfmzKmyb
EiiRBS+TNYcyXI8NrDqZ9dG2AqOYpN2FX9WS9+SoDjhmFd5y0abW8k0nOUsx4omuLbf
FIQK9SgGVuevgmESIS0+axhYGl5ysRn42NvtEJkkyzvZroNsueCqHP7gr2BoIn/X8nfk
lvpjBkvngrUY2gpIcThyvOpsm0kWUjNNMbtSztfulgWkC29MZhtdpiiBMS+YwsnUcCVU
i8i6wfmIjIzwAwReagDZoc9LS2b1QuNjiHXaHqlc2tmJNQ8lmYeZpKdTAZB980CSz3LI
DKlw==

X-Google-DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;
d=1e100.net; s=20230601; t=1729614447; x=1730219247;
h=to:subject:message-id:date:from:in-reply-to:references:mime-version
:x-gm-message-state:from:to:cc:subject:date:message-id:reply-to;
bh=+AVfgOibbZp5Ig4p5HGAMJxpMKnRZslKj9JLlB29lU=;
b=JjdmyE0fJWIkYtZ7xrd9e5g9K3//EwXomLmY9nCngHcN425hSd22YedkprSYUUhJe
t6KRV37VFH3k6+fojTifJFXq6QG7woPDvCO5zdoB9+wJDtuS60bYew8iTEH+b7HhxulF
y5/c7Zkr3cod0zd/PDs06NTVuxGxIaBa4bqKmZYOCoa5+ogErZc7d/Uy7mdqUPVUz1Gh
S4qNMuE8CB00v2ZE9zvSlaIr6ejR0IMmWWks7/W5Z8n6ZugfM2LV4NicLnKmgw60eceu
5kUjAP1QETQYypWWSrZc4FhYR72UZJHaQN9QE66S7k4P9ZW6re9sbW9thzg2uohqvPG
y9+g==

X-Gm-Message-State: AOJu0Yxxx4mgqZJZdbmtG2OEpZBN5vAJTLaOngZoPF8vkWySQKA3xnFH
U9ZazUUXEtOSH1tLS+pLGbF5aN7EN7DEkO+8UgGCcsLzHFg0dgWvyfSaWE43fhOwkuoB2Ep9UnJ
pKL6dfm6vkeQW+6kY/CJqP8m33p093I8r

X-Google-Smtp-Source: AGHT+IG4yKgD5SnrtFNV/iOPV/LIEWyNJkqTackZmVqAINGhIqrjxr88K4/LY4RZ
VNjC30SRCPz3xxLPIpoR7J4L7M=

X-Received: by 2002:a05:6a20:d527:b0:1d5:10c1:49c1 with SMTP id
adf61e73a8af0-1d9775af67emr165317637.9.1729614447280; Tue, 22 Oct 2024
09:27:27 -0700 (PDT)

MIME-Version: 1.0

References: <CAFQnLh2M7RNsArgARrFtHntfufG5JMpZ8rNSmG-B0qE7KNAA6A@mail.gmail.com>
<CAF+kE=TcxVKY5Hw+POw6j2jxzYyt3K_z92PPmQDGOSsi6QOzag@mail.gmail.com>
In-Reply-To: <CAF+kE=TcxVKY5Hw+POw6j2jxzYyt3K_z92PPmQDGOSsi6QOzag@mail.gmail.com>
From: Alexander Milovidov <milovidoff@gmail.com>

Date: Tue, 22 Oct 2024 19:27:15 +0300

Message-ID: <CAFQnLh1JaTP2XpB0Fg5GQ9Gje07wVzR3gTnT5KtCdvqZMWZsiQ@mail.gmail.com>

Subject: Re: Artemis message audit logs

To: users@activemq.apache.org

Content-Type: multipart/alternative; boundary="000000000000ba87c30625133e18"

--000000000000ba87c30625133e18

Content-Type: text/plain; charset="UTF-8"

Content-Transfer-Encoding: quoted-printable

Audit logging of message send and consume events. For example, I'm
inspecting headers and properties which are included in the square braces
after CoreMessage.

(there also can be LargeServerMessage, Reference and PagedReferenceImpl
with some additional details and variations)

AMQ601500: User admin(amq)@127.0.0.1:54659 sent a message
CoreMessage[messageID=3D1028, durable=3Dtrue,
userID=3D7a8579ef-9091-11ef-a78b-207bd234bec6, priority=3D4, timestamp=3DTu=
e Oct
22 16:19:57 UTC 2024, expiration=3D0, durable=3Dtrue, address=3DTEST, size=
=3D372,
properties=3DTypedProperties[___AMQ_CID=3D791483e5-9091-11ef-a78b-207bd234be=
c6,
count=3D999, ThreadSent=3DProducer ActiveMQQueue[TEST], thread=3D0,
_AMQ_ROUTING_TYPE=3D1]]@394224803, context: RoutingContextImpl(Address=3DTE=
ST,
routingType=3DANYCAST, PreviousAddress=3DTEST previousRoute:ANYCAST,
reusable=3Dtrue, version=3D-2147483644)

.....
***** durable queues TEST:

./CAFQnLh1JaTP2XpB0Fg5GQ9Gjeo7wVzR3gTnT5KtCdvqZMWZsiQ@mail.gmail.com.mbx.txt
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- queueID=3D26 address:TEST name:TEST filter:null
***** non durable for TEST:
.....
, transaction: null

I've found that this part of the event is generated by the toString()
method of the Message object, but did not find its definition.

=D0=B2=D1=82, 22 =D0=BE=D0=BA=D1=82. 2024=E2=80=AF=D0=B3. =D0=B2 18:58, Jus=
tin Bertram <jbertram@apache.org>:

> What specific logging code is in the audit message you're inspecting?
>
>
> Justin
>
> On Tue, Oct 22, 2024 at 10:25=E2=80=AFAM Alexander Milovidov <milovidoff@=
gmail.com
> >
> wrote:
>
> > Hi All,
> >
> > Recently I tried to parse Artemis audit logs to get information about
> > message size. It is needed to gather information about client
> applications
> > that cause the most of the message broker load.
> > I mentioned that message headers in the audit log usually include
> duplicate
> > "durable" property. Is it the same property of the message, or properti=
es
> > of two different objects?
> >
> > For example:
> > messageID=3D123, durable=3Dtrue, userID=3Dsome_uuid, priority=3D4, time=
stamp=3Dsome
> > timestamp, expiration=3Dsome expiration date, durable=3Dtrue, address=
=3DTEST,
> > size=3D309, properties=3DTypedProperties[...]
> >
> > I also mentioned that message size is not logged in the large message
> > header, but it can be extracted from _AMQ_LARGE_SIZE message property.
> > And some headers are separated using comma and space, some with comma
> only.
> >
> > By the way, is there a possibility to add metrics with sent/received
> bytes
> > to each address or queue?
> > Is it complicated to implement or may cause significant overhead?
> >
> > --
> > Regards,
> > Alexander
> >
>

--000000000000ba87c30625133e18--
From mboxrd@z Thu Jan 1 00:00:00 1970
Return-Path: <users-return-57564-archive-asf-public=cust-asf.ponee.io@activemq.apache.o
rg>
X-Original-To: archive-asf-public@cust-asf.ponee.io
Delivered-To: archive-asf-public@cust-asf.ponee.io

./CAFQnLh1JaTP2XpB0Fg5GQ9Gje07wVzR3gTnT5KtCdvqZMWZsiQ@mail.gmail.com.mbx.txt
Tue Nov 12 15:15:08 2024 4

Received: from mxout1-he-de.apache.org (mxout1-he-de.apache.org [95.216.194.37])
by mx-eu-03.ponee.io (Postfix) with ESMTPS id D98333E817
for <archive-asf-public@cust-asf.ponee.io>; Tue, 22 Oct 2024 15:57:24 +0000 (UTC)

Received: from mail.apache.org (mailgw-he-de.apache.org [IPv6:2a01:4f8:c2c:d4aa::1])
(using TLSv1.3 with cipher TLS_AES_256_GCM_SHA384 (256/256 bits)
key-exchange X25519 server-signature RSA-PSS (4096 bits) server-digest SHA256)
(No client certificate requested)
by mxout1-he-de.apache.org (ASF Mail Server at mxout1-he-de.apache.org) with ESMTPS id A3021644BF
for <archive-asf-public@cust-asf.ponee.io>; Tue, 22 Oct 2024 15:57:23 +0000 (UTC)

Received: (qmail 517967 invoked by uid 998); 22 Oct 2024 15:57:15 -0000

Mailing-List: contact users-help@activemq.apache.org; run by ezmlm

Precedence: bulk

List-Help: <mailto:users-help@activemq.apache.org>

List-Unsubscribe: <mailto:users-unsubscribe@activemq.apache.org>

List-Post: <mailto:users@activemq.apache.org>

List-Id: <users.activemq.apache.org>

Reply-To: users@activemq.apache.org

Delivered-To: mailing list users@activemq.apache.org

Received: (qmail 517909 invoked by uid 116); 22 Oct 2024 15:57:15 -0000

Received: from ec2-52-204-25-47.compute-1.amazonaws.com (HELO mailrelay1-ec2-va.apache.org) (52.204.25.47)

by apache.org (qpsmtpd/0.94) with ESMTP; Tue, 22 Oct 2024 15:57:15 +0000

Authentication-Results: apache.org; auth=none

Received: from mail-ed1-f45.google.com (mail-ed1-f45.google.com [209.85.208.45])

by mailrelay1-ec2-va.apache.org (ASF Mail Server at mailrelay1-ec2-va.apache.org) with ESMTPSA id 003AE3FCCF

for <users@activemq.apache.org>; Tue, 22 Oct 2024 15:57:14 +0000 (UTC)

Received: by mail-ed1-f45.google.com with SMTP id 4fb4d7f45d1cf-5c9552d02e6so7402354a12.2

for <users@activemq.apache.org>; Tue, 22 Oct 2024 08:57:14 -0700 (PDT)

X-Gm-Message-State: AOJu0YzfveE+oT1+lGFC2CO4s/fLcND8ieFivBmNuEng5AZZXXp2Fc5P
wWKLb81lMPq8yeiIyALkvzJl2yQxgx00l6Scdp/XIk7duPB63x2zGkC7l4edBM58dHJH0s+a2zT
ip3aHv9Xu3A36EsRfgJ4Y7pZea2OgADR9rbxL8w==

X-Google-Smtp-Source: AGHT+IEulQL+oGGU8Jqux6s74xRKHCq285dsKD1/Pk7OztF4mhc5whSatZUP5Ifh9
rK/5zgP0T5hHc6ZRH51no4/0Ts=

X-Received: by 2002:a17:907:7b8e:b0:a9a:6752:ba80 with SMTP id
a640c23a62f3a-a9a69774585mr1587089766b.5.1729612634163; Tue, 22 Oct 2024
08:57:14 -0700 (PDT)

MIME-Version: 1.0

References: <CAFQnLh2M7RNsArgARrFtHNTfufG5JMpZ8rNSmG-B0qE7KNAA6A@mail.gmail.com>

In-Reply-To: <CAFQnLh2M7RNsArgARrFtHNTfufG5JMpZ8rNSmG-B0qE7KNAA6A@mail.gmail.com>

From: Justin Bertram <jbertram@apache.org>

Date: Tue, 22 Oct 2024 10:56:47 -0500

X-Gmail-Original-Message-ID: <CAF+kE=TcxVKY5Hw+POw6j2jxzYyt3K_z92PPmQDGOSsi6QOzag@mail.gmail.com>

Message-ID: <CAF+kE=TcxVKY5Hw+POw6j2jxzYyt3K_z92PPmQDGOSsi6QOzag@mail.gmail.com>

Subject: Re: Artemis message audit logs

To: users@activemq.apache.org

Content-Type: multipart/alternative; boundary="000000000000a8af61062512d24b"

--000000000000a8af61062512d24b

Content-Type: text/plain; charset="UTF-8"

Content-Transfer-Encoding: quoted-printable

What specific logging code is in the audit message you're inspecting?

Justin

On Tue, Oct 22, 2024 at 10:25=E2=80=AFAM Alexander Milovidov <milovidoff@gm=

./CAFQnLh1JaTP2XpB0Fg5GQ9Gjeo7wVzR3gTnT5KtCdvqZMWZsiQ@mail.gmail.com.mbx.txt
Tue Nov 12 15:15:08 2024 5

ail.com>
wrote:

> Hi All,
>
> Recently I tried to parse Artemis audit logs to get information about
> message size. It is needed to gather information about client application=
> s
> that cause the most of the message broker load.
> I mentioned that message headers in the audit log usually include duplica=
> te
> "durable" property. Is it the same property of the message, or properties
> of two different objects?
>
> For example:
> messageID=3D123, durable=3Dtrue, userID=3Dsome_uuid, priority=3D4, timest=
> amp=3Dsome
> timestamp, expiration=3Dsome expiration date, durable=3Dtrue, address=3DT=
> EST,
> size=3D309, properties=3DTypedProperties[...]
>
> I also mentioned that message size is not logged in the large message
> header, but it can be extracted from AMQ_LARGE_SIZE message property.
> And some headers are separated using comma and space, some with comma onl=
> y.
>
> By the way, is there a possibility to add metrics with sent/received byte=
> s
> to each address or queue?
> Is it complicated to implement or may cause significant overhead?
>
> --
> Regards,
> Alexander
>

--0000000000000a8af61062512d24b--
From mboxrd@z Thu Jan 1 00:00:00 1970
Return-Path: <users-return-57562-archive-asf-public=cust-asf.ponee.io@activemq.apache.org>
X-Original-To: archive-asf-public@cust-asf.ponee.io
Delivered-To: archive-asf-public@cust-asf.ponee.io
Received: from mxout1-he-de.apache.org (mxout1-he-de.apache.org [95.216.194.37])
by mx-eu-03.ponee.io (Postfix) with ESMTPS id B45BF3E817
for <archive-asf-public@cust-asf.ponee.io>; Tue, 22 Oct 2024 15:26:19 +0000 (UTC)
Received: from mail.apache.org (mailgw-he-de.apache.org [IPv6:2a01:4f8:c2c:d4aa::1])
(using TLSv1.3 with cipher TLS_AES_256_GCM_SHA384 (256/256 bits)
key-exchange X25519 server-signature RSA-PSS (4096 bits) server-digest SHA256)
(No client certificate requested)
by mxout1-he-de.apache.org (ASF Mail Server at mxout1-he-de.apache.org) with ESMTPS id 108EE6360F
for <archive-asf-public@cust-asf.ponee.io>; Tue, 22 Oct 2024 15:24:21 +0000 (UTC)
Received: (qmail 420180 invoked by uid 998); 22 Oct 2024 15:24:20 -0000
Mailing-List: contact users-help@activemq.apache.org; run by ezmlm
Precedence: bulk
List-Help: <mailto:users-help@activemq.apache.org>
List-Unsubscribe: <mailto:users-unsubscribe@activemq.apache.org>
List-Post: <mailto:users@activemq.apache.org>
List-Id: <users.activemq.apache.org>
Reply-To: users@activemq.apache.org
Delivered-To: mailing list users@activemq.apache.org

./CAFQnLh1JaTP2XpB0Fg5GQ9Gje07wVzR3gTnT5KtCdvqZMWZsiQ@mail.gmail.com.mbx.txt
Tue Nov 12 15:15:08 2024 6

Received: (qmail 420161 invoked by uid 116); 22 Oct 2024 15:24:19 -0000
Received: from spamproc1-he-de.apache.org (HELO spamproc1-he-de.apache.org) (116.203.196.100)
by apache.org (qpsmtpd/0.94) with ESMTP; Tue, 22 Oct 2024 15:24:19 +0000
Authentication-Results: apache.org; auth=none
Received: from localhost (localhost [127.0.0.1])
by spamproc1-he-de.apache.org (ASF Mail Server at spamproc1-he-de.apache.org) with ESMTP id 354F12000E1
for <users@activemq.apache.org>; Tue, 22 Oct 2024 15:24:19 +0000 (UTC)
X-Virus-Scanned: Debian amavisd-new at spamproc1-he-de.apache.org
X-Spam-Flag: NO
X-Spam-Score: 0
X-Spam-Level:
X-Spam-Status: No, score=0 tagged_above=-999 required=6.31
tests=[DKIM_SIGNED=0.1, DKIM_VALID=-0.1, DKIM_VALID_AU=-0.1, DKIM_VALID_EF=-0.1, HTML_MESSAGE=0.2, RCVD_IN_DNSWL_BLOCKED=0.001, SPF_PASS=-0.001] autolearn=disabled
Authentication-Results: spamproc1-he-de.apache.org (amavisd-new); dkim=pass (2048-bit key) header.d=gmail.com
Received: from mx1-he-de.apache.org ([116.203.227.195])
by localhost (spamproc1-he-de.apache.org [116.203.196.100]) (amavisd-new, port 10024)
with ESMTP id s9_hP23XUfTX for <users@activemq.apache.org>; Tue, 22 Oct 2024 15:24:18 +0000 (UTC)
Received-SPF: Pass (mailfrom) identity=mailfrom; client-ip=2607:f8b0:4864:20::433; helo=mail-pf1-x433.google.com; envelope-from=milovidoff@gmail.com; receiver=<UNKNOWN>
Received: from mail-pf1-x433.google.com (mail-pf1-x433.google.com [IPv6:2607:f8b0:4864:20::433])
by mx1-he-de.apache.org (ASF Mail Server at mx1-he-de.apache.org) with ESMTPS id 8F68A816B3
for <users@activemq.apache.org>; Tue, 22 Oct 2024 15:24:18 +0000 (UTC)
Received: by mail-pf1-x433.google.com with SMTP id d2ela72fcc58-71e74900866so3869499b3a.1
for <users@activemq.apache.org>; Tue, 22 Oct 2024 08:24:18 -0700 (PDT)
DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed; d=gmail.com; s=20230601; t=1729610656; x=1730215456; darn=activemq.apache.org; h=to:subject:message-id:date:from:mime-version:from:to:cc:subject: date:message-id:reply-to; bh=rwCldVZMrsUoC7cFRlWIIuAfEGc2Maucn/DNHJyS0lU=; b=WIADWpsY/IWGS1FrN4cV8AHlUxLS0xIK/rE2zC4uBtVJEC69s+WgckOvAzL3rdFER8co54084VxFgr0sWUgShoRXTpN4qL1gpZ62tdB9mRpUDl7TiN1o37mqtzqV3FlUyCZU5TFRYM0wnpWxP7OeUWwBMjoEl7QXrETDdxgkClry4xQkwdEg6khU3XMTiC4iGWuQCgqXN uLQLNesUDJ9FjTDamvBmajoNj/FH9zArBo26Ox0IMK+68pQVJw4PEqR1+CgVr+N+AS+A lsnP546JVI/jlNYs7fhx7LJKFQvgk0m2M1SC5j1DBW6Ei+4MOwMAA1lQGmd+M0v/5iEm WfBa==
X-Google-DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed; d=1e100.net; s=20230601; t=1729610656; x=1730215456; h=to:subject:message-id:date:from:mime-version:x-gm-message-state :from:to:cc:subject:date:message-id:reply-to; bh=rwCldVZMrsUoC7cFRlWIIuAfEGc2Maucn/DNHJyS0lU=; b=o7Q+4bePE2jMLHJ1j6qrFp8uBHkwrBodtc/AEX9Bmbx8EsPj+Vpbr6zktqWtb7bHP2k7cqjp5x+kXk/ViV44gKP5sffPGmG+O5rL4uUbMi/IfBGyQZr4fDwlepgGVd7JuLu2f6j3CbX/BTotVDlJBEEHu9EySlqU7gJUGE70BGjMeRaFawvptnkgXQHViNwtKBkWfebrbiCdq0i8GK686850UrL2fzb3cwX0OYTgzYr185ZNd+IGwrcr90L9kalSI+DwdzJXXYTP8GYMYp9AZ3AVZkdIoJAoNB4s5vihzAR4VZPSQspa+smmFOXRZ7lZATrt0Fueh481cnw40G2hQ==
X-Gm-Message-State: AOJu0Yy5lttj/rCltwLsQXU6Qq8Ay/PNnAYXZsy2sttIT3ss1PiDgAZ4BBMStQNNCYHhPty5NP/mNXxjlkixJSODgI/cba/NJo0M6VVoaaN7omEwMuOwtK0HmUXfk+PcLO SU2HBSmzl wobX3OSrQEIgQlH1JtlfDjWD
X-Google-Smtp-Source: AGHT+IHh+TPbowUX7tutZhstNLwycThH/jz0Xm3gZTW2OsuDX1qWXS6Bo+ObN9MUK8RjgIPYLI2lDZhm2+z1J01CldI=
X-Received: by 2002:a05:6a00:194a:b0:71e:786c:3fa9 with SMTP id d2ela72fcc58-71ea3085322mr22849236b3a.0.1729610656331; Tue, 22 Oct 2024

./CAFQnLh1JaTP2XpB0Fg5GQ9Gjeo7wVzR3gTnT5KtCdvqZMWZsiQ@mail.gmail.com.mbx.txt
Tue Nov 12 15:15:08 2024 7

08:24:16 -0700 (PDT)
MIME-Version: 1.0
From: Alexander Milovidov <milovidoff@gmail.com>
Date: Tue, 22 Oct 2024 18:24:05 +0300
Message-ID: <CAFQnLh2M7RNsArgARrFtHNTfufG5JMpZ8rNSmG-B0qE7KNAA6A@mail.gmail.com>
Subject: Artemis message audit logs
To: users@activemq.apache.org
Content-Type: multipart/alternative; boundary="000000000000c543940625125c2a"

--000000000000c543940625125c2a
Content-Type: text/plain; charset="UTF-8"

Hi All,

Recently I tried to parse Artemis audit logs to get information about message size. It is needed to gather information about client applications that cause the most of the message broker load. I mentioned that message headers in the audit log usually include duplicate "durable" property. Is it the same property of the message, or properties of two different objects?

For example:
messageID=123, durable=true, userID=some_uuid, priority=4, timestamp=some timestamp, expiration=some expiration date, durable=true, address=TEST, size=309, properties=TypedProperties[...]

I also mentioned that message size is not logged in the large message header, but it can be extracted from _AMQ_LARGE_SIZE message property. And some headers are separated using comma and space, some with comma only.

By the way, is there a possibility to add metrics with sent/received bytes to each address or queue?
Is it complicated to implement or may cause significant overhead?

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Regards,
Alexander

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