

./CAF+kE_Qo5Jr5x05ooAYorFd_TQp2Z+wcH0fWKKFOJY3e8y8iwg@mail.gmail.com.mbx.txt
Tue Nov 12 15:15:10 2024 1

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

Return-Path: <users-return-57575-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 68E0E3E6DE

for <archive-asf-public@cust-asf.ponee.io>; Thu, 24 Oct 2024 17:41:05 +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 72B4E68588

for <archive-asf-public@cust-asf.ponee.io>; Thu, 24 Oct 2024 17:40:41 +0000 (UTC)

C)

Received: (qmail 2073206 invoked by uid 998); 24 Oct 2024 17:40:40 -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 2073188 invoked by uid 116); 24 Oct 2024 17:40:40 -0000

Received: from mailrelay1-he-de.apache.org (HELO mailrelay1-he-de.apache.org) (116.203.21.61)

by apache.org (qpsmtpd/0.94) with ESMTP; Thu, 24 Oct 2024 17:40:40 +0000

Authentication-Results: apache.org; auth=none

Received: from mail-ed1-f53.google.com (mail-ed1-f53.google.com [209.85.208.53])

by mailrelay1-he-de.apache.org (ASF Mail Server at mailrelay1-he-de.apache.org) with ESMTPSA id 252AC3EBFE

for <users@activemq.apache.org>; Thu, 24 Oct 2024 17:40:40 +0000 (UTC)

Received: by mail-ed1-f53.google.com with SMTP id 4fb4d7f45d1cf-5c94b0b466cso1447845a12.0

for <users@activemq.apache.org>; Thu, 24 Oct 2024 10:40:40 -0700 (PDT)

X-Gm-Message-State: AOJu0YxgTOz1jbKS9CZYmhq1D+r3xH/oRFsfjnJAHgAOHJjecPJR3/xAf
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4fb4d7f45d1cf-5cba2453e2fmr1894546a12.11.1729791639785; Thu, 24 Oct 2024

10:40:39 -0700 (PDT)

MIME-Version: 1.0

References: <BN1P110MB08992544B955138039D248CBC24EA@BN1P110MB0899.NAMP110.PROD.OUTLOOK.COM>

In-Reply-To: <BN1P110MB08992544B955138039D248CBC24EA@BN1P110MB0899.NAMP110.PROD.OUTLOOK.COM>

From: Justin Bertram <jbertram@apache.org>

Date: Thu, 24 Oct 2024 12:40:13 -0500

X-Gmail-Original-Message-ID: <CAF+kE=Qo5Jr5x05ooAYorFd_TQp2Z+wcH0fWKKFOJY3e8y8iwg@mail.gmail.com>

Message-ID: <CAF+kE=Qo5Jr5x05ooAYorFd_TQp2Z+wcH0fWKKFOJY3e8y8iwg@mail.gmail.com>

Subject: Re: EXTERNAL: Re: Artemis MQ 2.36.0 Load Balancing questions

To: users@activemq.apache.org

Content-Type: multipart/alternative; boundary="00000000000039f66706253c8097"

--00000000000039f66706253c8097

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

Content-Transfer-Encoding: quoted-printable

./CAF+kE_Qo5Jr5x05ooAYorFd_TQp2Z+wcH0fWKKFOJY3e8y8iwg@mail.gmail.com.mbx.txt
Tue Nov 12 15:15:10 2024 2

I looked on page 2 of the ArtemisMQ_Cluster_Oct172024.pptx in the archive which you attached to your original email, but I found no questions. However, I see that you've added them in your response.

I find the questions and the configuration confusing.

First, automatic discovery (e.g. via UDP) or static connectors can be used to form a cluster. You cannot, as far as I'm aware, use both simultaneously. Therefore, please choose one or the other. It's not clear why you would even try to use both.

Second, you say that messages are not forwarded, but you don't describe the details of the use-case. For example, you make no mention of where messages are sent, where consumers are created, etc.

Last, generally speaking it's best to start simple and add complexity once the desired functionality has been validated. In this case you're testing message load-balancing which requires multiple primary servers. It doesn't require any backups. It would be useful to simplify your configuration to eliminate any complexity that isn't absolutely required to reproduce the problem. In this case, you can drop your backups and simply focus on the two clustered primary servers.

Justin

On Thu, Oct 24, 2024 at 9:42=E2=80=AFAM tin.m.lai@lmco.com <tin.m.lai@lmco.com> wrote:

> Hi,
>
> Thanks for the name correction.
>
> The questions are on page 2 of the ArtemisMQ_Cluster_Oct172024.pptx, which describes the configuration and the questions. They are listed here:
>
> -----
> Issue 1:
> - UDN node and VM node all use Dynamic discovery
> - Cluster connections were established
> - Messages either were not forwarded by UDN node, or were not received by VM node
> - Succeeded ONLY after restarting the UDN Primary Server
>
> QUESTION 1: How to configure so that UDN node server would forward messages to VM node server upon startup when all are using Dynamic discovery?
>
> -----
> Issue 2:
> UDN node uses Dynamic discovery , VM uses Static Connectors:
> Added address name=3D"PositionReport=E2=80=9C, as shown below in attempt to forward
> only PositionReport to VM node =E2=80=93 but all messages still got forwarded
> <address name=3D"PositionReport">
> <anycast/>
> </address>
>
> QUESTION 2: How to configure so that UDN node server would only forward

./CAF+kE_Qo5Jr5x05ooAYorFd_TQp2Z+wcH0fWKKFOJY3e8y8iwg@mail.gmail.com.mbx.txt
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> certain message, such as PositionReport, to VM node server?
>
>
> Regards,
> Tin (Tien) Lai
>
>
>
> -----Original Message-----
> From: Justin Bertram <jbertram@apache.org>
> Sent: Thursday, October 24, 2024 8:30 AM
> To: users@activemq.apache.org
> Subject: EXTERNAL: Re: Artemis MQ 2.36.0 Load Balancing questions
>
> Where are the actual questions?
>
> Also, the broker is named "ActiveMQ Artemis," not "ArtemisMQ."
>
>
> Justin
>
> On Wed, Oct 23, 2024 at 3:01=E2=80=AFPM tin.m.lai@lmco.com <tin.m.lai@lmc=
o.com>
> wrote:
>
> > Hi,
> >
> >
> >
> > Attached is a zip file describing the configuration and the questions
> > I have with Load Balancing. Let me know if I need to provide any
> > additional information.
> >
> >
> >
> > Regards,
> >
> > Tin (Tien) Lai
> >
> >
> > -----
> > To unsubscribe, e-mail: users-unsubscribe@activemq.apache.org
> > For additional commands, e-mail: users-help@activemq.apache.org For
> > further information, visit: <https://activemq.apache.org/contact>
> >
> >
> > -----
> > To unsubscribe, e-mail: users-unsubscribe@activemq.apache.org
> > For additional commands, e-mail: users-help@activemq.apache.org
> > For further information, visit: <https://activemq.apache.org/contact>
> >
> >

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From mboxrd@z Thu Jan 1 00:00:00 1970
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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 50B503E680
for <archive-asf-public@cust-asf.ponee.io>; Thu, 24 Oct 2024 14:42:10 +0000 (UT

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Tue Nov 12 15:15:10 2024 4

C)
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 ES
MTPS id 38C8C67B62
 for <archive-asf-public@cust-asf.ponee.io>; Thu, 24 Oct 2024 14:42:10 +0000 (UT
C)
Received: (qmail 1654686 invoked by uid 998); 24 Oct 2024 14:42:09 -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 1654592 invoked by uid 116); 24 Oct 2024 14:42:07 -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 ESMTP; Thu, 24 Oct 2024 14:42:07 +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) w
ith ESMTP id DAC98C2307
 for <users@activemq.apache.org>; Thu, 24 Oct 2024 14:42:06 +0000 (UTC)
X-Virus-Scanned: Debian amavisd-new at spamproc1-he-fi.apache.org
X-Spam-Flag: NO
X-Spam-Score: -0.198
X-Spam-Level:
X-Spam-Status: No, score=-0.198 tagged_above=-999 required=6.31
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 DKIM_VALID_EF=-0.1, RCVD_IN_VALIDITY_RPBL_BLOCKED=0.001,
 RCVD_IN_VALIDITY_SAFE_BLOCKED=0.001, SPF_PASS=-0.001,
 URIBL_BLOCKED=0.001] autolearn=disabled
Authentication-Results: spamproc1-he-fi.apache.org (amavisd-new);
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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 1
0024)
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Received-SPF: Pass (mailfrom) identity=mailfrom; client-ip=192.30.247.12; helo=mailfo03
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 by mx1-he-de.apache.org (ASF Mail Server at mx1-he-de.apache.org) with ESMTPS i
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 for <users@activemq.apache.org>; Thu, 24 Oct 2024 14:42:05 +0000 (UTC)
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Received: from LMXPDEND13W03.us.lmco.com ([172.23.20.93])
 by mailfo03.lmco.com (8.17.1.19/8.17.1.19) with ESMTP id 49OEcPiV160965
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Received: from LMXPDEND13W06.us.lmco.com (172.23.20.96) by

./CAF+kE_Qo5Jr5x05ooAYorFd_TQp2Z+wcH0fWKKFOJY3e8y8iwg@mail.gmail.com.mbx.txt
Tue Nov 12 15:15:10 2024 5

LMXPDEND13W03.us.lmco.com (172.23.20.93) with Microsoft SMTP Server
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15.2.1118.37; Thu, 24 Oct 2024 08:41:45 -0600
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by LMXPDEND13W06.us.lmco.com (172.23.20.96) with Microsoft SMTP Server id
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s=arcselector5401;
h=From:Date:Subject:Message-ID:Content-Type:MIME-Version:X-MS-Exchange-AntiSpam-Messag
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ARC-Authentication-Results: i=1; mx.microsoft.com 1; spf=pass
smtp.mailfrom=lmco.com; dmarc=pass action=none header.from=lmco.com;
dkim=pass header.d=lmco.com; arc=none
Received: from BN1P110MB0899.NAMP110.PROD.OUTLOOK.COM (2001:489a:200:132::31)
by BN1P110MB0882.NAMP110.PROD.OUTLOOK.COM (2001:489a:200:132::19) with
Microsoft SMTP Server (version=TLS1_2,
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2024 14:41:51 +0000
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([fe80::e44b:eac1:91a0:d382%4]) with mapi id 15.20.8048.020; Thu, 24 Oct 2024
14:41:51 +0000
From: "tin.m.lai@lmco.com" <tin.m.lai@lmco.com>
To: "users@activemq.apache.org" <users@activemq.apache.org>
Subject: RE: EXTERNAL: Re: Artemis MQ 2.36.0 Load Balancing questions
Thread-Index: AdslhNHXCTR27xNPSNO5axrTDnWM8gAlAouAAAIUZAA=
Date: Thu, 24 Oct 2024 14:41:51 +0000
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Accept-Language: en-US
Content-Language: en-US
X-MS-Has-Attach:
X-MS-TNEF-Correlator:
msip_labels: MSIP_Label_502bc7c3-f152-4da1-98bd-f7a1bebd7f52_ActionId=41081b87-77cd-4be
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41Z;MSIP_Label_502bc7c3-f152-4da1-98bd-f7a1bebd7f52_SiteId=b18f006c-b0fc-467d-b23a-a35b
5695b5dc;
x-ms-publictraffictype: Email
x-ms-traffictypediagnostic: BN1P110MB0899:EE_|BN1P110MB0882:EE_
x-ms-office365-filtering-correlation-id: 691853ce-7681-4ea2-d257-08dcf439ff9b
x-ms-exchange-senderadcheck: 1
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