

./BN1P110MB08992544B955138039D248CBC24EA@BN1P110MB0899.NAMP110.PROD.OUTLOOK.COM.mbx.txt
Tue Nov 12 15:15:09 2024 1

From mboxrd@z Thu Jan 1 00:00:00 1970
Return-Path: <users-return-57574-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 50B503E680
for <archive-asf-public@cust-asf.ponee.io>; Thu, 24 Oct 2024 14:42:10 +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 38C8C67B62
for <archive-asf-public@cust-asf.ponee.io>; Thu, 24 Oct 2024 14:42:10 +0000 (UTC)

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 ESMTTP; 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) with ESMTTP 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
tests=[DKIM_SIGNED=0.1, DKIM_VALID=-0.1, DKIM_VALID_AU=-0.1, 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); dkim=pass (2048-bit key) header.d=lmco.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 ZapCaDpaww6o for <users@activemq.apache.org>;
Thu, 24 Oct 2024 14:42:06 +0000 (UTC)

Received-SPF: Pass (mailfrom) identity=mailfrom; client-ip=192.30.247.12; helo=mailfo03.lmco.com; envelope-from=tin.m.lai@lmco.com; receiver=<UNKNOWN>
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by mx1-he-de.apache.org (ASF Mail Server at mx1-he-de.apache.org) with ESMTPS id B1E9D816E4
for <users@activemq.apache.org>; Thu, 24 Oct 2024 14:42:05 +0000 (UTC)

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Tue Nov 12 15:15:09 2024 2

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Subject: RE: EXTERNAL: Re: Artemis MQ 2.36.0 Load Balancing questions
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Tue Nov 12 15:15:09 2024                                4

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(UTC)

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Tue Nov 12 15:15:09 2024 6

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

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

./BN1P110MB08992544B955138039D248CBC24EA@BN1P110MB0899.NAMP110.PROD.OUTLOOK.COM.mbx.txt
Tue Nov 12 15:15:09 2024 7

```
> 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 forwa=
rded
> <address name=3D"PositionReport">
>     <anycast/>
> </address>
>
> QUESTION 2: How to configure so that UDN node server would only forward
> 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
```

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Tue Nov 12 15:15:09 2024 8

> For additional commands, e-mail: users-help@activemq.apache.org
> For further information, visit: <https://activemq.apache.org/contact>
>
>

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