
Fwd: ACM Network Policy Requirement for ZTE CelcomDigi Project

6 messages

Yunyun Qu <yqu@redhat.com>

Mon, Apr 8, 2024 at 6:41 PM

To: Edu Alcaniz <ealcaniz@redhat.com>

Cc: Bin Hu <bihu@redhat.com>, Alex Yap <keyap@redhat.com>, Xiao Ge <xge@redhat.com>

Hi Edu

Hope this mail finds you well.

This is Yunyun Qu, TAM manager based in China. I'm reaching you for help connecting with ACM QE to check if there is any testing made by ACM QE around network policies described below. This is implemented in the environment of CelcomDigi project supported by ZTE, a Telco partner globally. It's already implemented, but no one is sure of any negative impacts for ACM functionalities which will be regarded as potential risks if any.

You can check the details below.

Going forward, I'd also like to seek your recommendations around handling this kind of requests in the future, as more and more new requests are coming from ZTE, and we (local TAMs, SA, and GPS) are suffering from providing specific solutions and implementations to address their new requests, as there is no practice/recommendation available for us to refer to.

Look forward to your reply soon. Thank you in advance.

Thanks,
Yunyun

----- Forwarded message -----

From: **Bin Hu** <terry.hu@redhat.com>

Date: Mon, Apr 8, 2024 at 6:28 PM

Subject: ACM Network Policy requirement for ZTE CelcomDigi Project

To: 曲芸芸 <yqu@redhat.com>

Hi Yunyun,

Background:

ZTE is RH's Telco partner. In the telenor Malaysia project, to satisfy Telco CIS compliance requirement, it is needed that all the namespaces (except openshift-*) on both the ACM Hub cluster and Workload cluster to have Network Policies armed. To meet that requirement, we have the onsite GPS team deployed Network Policies on ACM namespaces (details as attached).

Requirement:

ZTE would like to know if the adopted Network Policies could work well with ACM (both hub cluster and workload cluster). Currently they didn't meet any issues so far. It is a preventive examination.

Investigations:

I understand we have product documentation to talk about the cross-namespace communication guidelines [1] but it is not detailed enough to clarify if these NPs would work with all ACM features correctly. I consulted our Support team, because they are problem based troubleshooting, they cannot provide preventive evaluations (out of Support scope).

Potential Impact:

Without detailed evaluation of these Network Policies, we are not sure if these Network Policies could have any negative impacts on the ACM functions. There are "allow-from-same-namespace", "deny-by-default" NPs deployed onto all ACM owned namespaces.

Request:

Would like to know if our ACM QE teams could help to validate if there are any side effects of those Network policies? Do we have Network Policies test cases in ACM setup?

Reference:

slack thread: https://redhat-internal.slack.com/archives/CU4QXLPQB/p1708479364293759?thread_ts=1706753509.650259&cid=CU4QXLPQB

case: <https://access.redhat.com/support/cases/#/case/03725482>

[1] https://access.redhat.com/documentation/en-us/red_hat_advanced_cluster_management_for_kubernetes/2.10/html-single/networking/index#networking

Bin Hu (Terry)

Senior Technical Account Manager, Global Customer Success

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YUNYUN QU | 曲芸芸

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2 attachments

 **hub-ACM-NPs.yaml**
28K

 **workload-ACM-NPs.yaml**
5K

Edu Alcaniz <ealcaniz@redhat.com>

Mon, Apr 8, 2024 at 7:40 PM

To: Yunyun Qu <yqu@redhat.com>, Eveline Cai <ecai@redhat.com>

Cc: Bin Hu <bihu@redhat.com>, Alex Yap <keyap@redhat.com>, Xiao Ge <xge@redhat.com>

Hi there,

+[Eveline Cai](#) is the QE Manager for ACM.

[Quoted text hidden]

Yunyun Qu <yqu@redhat.com>

Mon, Apr 8, 2024 at 11:56 PM

To: Edu Alcaniz <ealcaniz@redhat.com>

Cc: Eveline Cai <ecai@redhat.com>, Bin Hu <bihu@redhat.com>, Alex Yap <keyap@redhat.com>, Xiao Ge <xge@redhat.com>

Thanks Edu for helping build connection with Eveline.

Hi Eveline

Nice to connect with you on this topic.

Could you help check the request and see if any comments or suggestions from your team?

Thanks,

Yunyun

[Quoted text hidden]

Yunyun Qu <yqu@redhat.com>

Thu, Apr 11, 2024 at 9:52 AM

To: Edu Alcaniz <ealcaniz@redhat.com>

Cc: Eveline Cai <ecai@redhat.com>, Bin Hu <bihu@redhat.com>, Alex Yap <keyap@redhat.com>, Xiao Ge <xge@redhat.com>

Hi Eveline

I'd like to have a follow up with you on this topic in case you missed this email.

Looking forward to hearing from you.

Cheers,

Yunyun

[Quoted text hidden]

Eveline Cai <ecai@redhat.com>

Thu, Apr 11, 2024 at 9:59 PM

To: Yunyun Qu <yqu@redhat.com>

Cc: Edu Alcaniz <ealcaniz@redhat.com>, Bin Hu <bihu@redhat.com>, Alex Yap <keyap@redhat.com>, Xiao Ge <xge@redhat.com>

Hi Yunyun, sorry for the late reply. I looked through the open case and the slack conversation. As it's discussed, Network Policy isn't supported in ACM, thus there haven't been any QE testing. The correct channel or next step would be to open a RFE and work with the PM to prioritize it. Even if there's only testing required, we need a RFE to plan the work.

Thanks.

Eveline

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Regards,

Eveline Cai

Manager, QE

Advanced Cluster Management for Kubernetes

RedHat Canada

Email: ecai@redhat.com

Bin Hu <bihu@redhat.com>

Fri, Apr 12, 2024 at 8:38 AM

To: Eveline Cai <ecai@redhat.com>

Cc: Yunyun Qu <yqu@redhat.com>, Edu Alcaniz <ealcaniz@redhat.com>, Alex Yap <keyap@redhat.com>, Xiao Ge <xge@redhat.com>

Hi Eveline,

Thanks Eveline. I have created an RFE [1] to track this effort.

[1] <https://issues.redhat.com/browse/ACM-11012>

Bin Hu (Terry)

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