Hewlett Packard HPE Support Center Enterprise

Expand Cluster operation fails with error 126 in Ezmeral Unified Analytics 1.3.

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Issue

EZUA 1.3, cluster can be expanded by using the procedure in the below document:

 $\underline{\text{https://docs.ezmeral.hpe.com/unified-analytics/13/ManageClusters/expand-cluster.html}}$

The Expand Cluster operation fails with error 126

fails with 126 EMOKEY -> Required key not available by ezfabricctl.Im not sure which key it looking for .Also it's not {"level":"info","ts":"2024-04-25T16:25:46.413+08800","caller":"poolhost/poolhost.go:122","msg":"Creating ezfabricpoolhot {"level":"info","ts":"2024-04-25T16:25:46.429+0800","caller":"poolhost/poolhost.go:164","msg":"Started monitoring the green to the control of the control of

b) EzFabricPoolHost status on Coordinator cluster: # kubectl get ezph -A CLUSTER NAMESPACE CLUSTER NAME STATUS VCPUS UNUSED DISKS GPUS NAMESPACE 10.163.172.157 ezfabric-host-pool rndlab rndlab Ready 0 ezfabric-host-pool 10.163.172.223 ezkf-mgmt ezkf-mgmt Ready ezfabric-host-pool 10.163.172.84 rndlab rndlab Ready 32 0 ezfabric-host-pool rndlab 32 10.163.173.14 0 rndlab Ready ezfabric-host-pool 10.163.173.195 rndlab rndlab Ready ezfabric-host-pool 10.163.173.199 Error

Environment

• Unified Analytics 1.3

Cause

Enabling debugging mode on <u>ezfab-addhost.sh</u> print below output in console:

```
##/bin/bash
set-x

[31mERROR[0m Ezmeral host (10.163.173.199) returns error: Process exited with status 126
[34mINFO[0m Fetched the log file (install-ezkf-agent.log.xtrace) from 10.163.173.199
[31mERROR[0m failed to initialize all or some Ezmeral host(s): 10.163.173.199

Error: failed to initialize all or some Ezmeral host(s): 10.163.173.199

+ [[ 1 -eq 0 ]]
+ echo
+ echo
+ Failed to add hosts to the pool for expansion
+ echo
+ echo
+ exit 1
```

• On the Coordinator cluster, the **ezfabric-controller-manager** pod is responsible to add the host in EzFabricPoolHost (ezph).

```
# kubectl logs ezfabric-controller-manager-<> -n ezkf-system --all-containers ssh connection established with 10.163.173.199 bash: /tmp/ezkf-agent/install-ezkf-agent.sh: Permission denied {"level":"error","ts":"2024-04-26T01:47:23.806Z","msg":"ezkf-agent install failed on 10.163.173.199","controller":"ez
```

Resolution

Verify the /tmp mount permission on new host

- Remount the /tmp with **exec** permission and rerun the script
- Once the node added to pool, follow the standard procedure in the EZUA documentation to add the host in workload cluster