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오픈스택에서 octavia 로드밸런서 또는 인스턴스 생성중에 아래와 유사한 에러가 발생하는 경우가 있다.

```
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
Traceback (most recent call last):
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
File "/var/lib/kolla/venv/lib64/python3.9/site-
packages/taskflow/conductors/backends/impl_executor.py", line 178, in
_dispatch_job
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
stage_func()
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
File "/var/lib/kolla/venv/lib64/python3.9/site-
packages/taskflow/conductors/backends/impl_executor.py", line 164, in
_run_engine
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
for _state in engine.run_iter():
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
File "/var/lib/kolla/venv/lib64/python3.9/site-
packages/taskflow/engines/action_engine/engine.py", line 340, in run_iter
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
failure.Failure.reraise_if_any(er_failures)
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
File "/var/lib/kolla/venv/lib64/python3.9/site-
packages/taskflow/types/failure.py", line 338, in reraise_if_any
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
failures[0].reraise()
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
File "/var/lib/kolla/venv/lib64/python3.9/site-
packages/taskflow/types/failure.py", line 350, in reraise
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
raise value
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
File "/var/lib/kolla/venv/lib64/python3.9/site-
packages/taskflow/engines/action_engine/executor.py", line 52, in
_execute_task
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
result = task.execute(**arguments)
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
File "/var/lib/kolla/venv/lib64/python3.9/site-
packages/octavia/controller/worker/v2/tasks/compute_tasks.py", line 301, in
execute
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
raise exceptions.ComputeBuildException(fault=fault)
2024-07-18 15:09:35.160 18 ERROR taskflow.conductors.backends.impl_executor
octavia.common.exceptions.ComputeBuildException: Failed to build compute
```

```
instance due to: {'code': 500, 'created': '2024-07-18T06:09:32Z', 'message':
'Build of instance 5ff6ac5d-69f3-4cc5-bd79-5b33ddd8d77e aborted: Image
73bd0e3f-b7c1-4c3d-9fc7-3c83ae3acdf0 is unacceptable: Image has no
associated data', 'details': 'Traceback (most recent call last):\n File
"/var/lib/kolla/venv/lib64/python3.9/site-packages/nova/compute/manager.py",
line 2632, in _build_and_run_instance\n     self.driver.spawn(context,
instance, image_meta,\n File "/var/lib/kolla/venv/lib64/python3.9/site-
packages/nova/virt/libvirt/driver.py", line 4619, in spawn\n
created_instance_dir, created_disks = self._create_image(\n File
"/var/lib/kolla/venv/lib64/python3.9/site-
packages/nova/virt/libvirt/driver.py", line 5029, in _create_image\n
created_disks = self._create_and_inject_local_root(\n File
"/var/lib/kolla/venv/lib64/python3.9/site-
packages/nova/virt/libvirt/driver.py", line 5161, in
_create_and_inject_local_root\n     self._try_fetch_image_cache(backend,
fetch_func, context,\n File "/var/lib/kolla/venv/lib64/python3.9/site-
packages/nova/virt/libvirt/driver.py", line 11392, in
_try_fetch_image_cache\n     image.cache(fetch_func=fetch_func,\n File
"/var/lib/kolla/venv/lib64/python3.9/site-
packages/nova/virt/libvirt/imagebackend.py", line 301, in cache\n
self.create_image(fetch_func_sync, base, size,\n File
"/var/lib/kolla/venv/lib64/python3.9/site-
packages/nova/virt/libvirt/imagebackend.py", line 676, in create_image\n
prepare_template(target=base, *args, **kwargs)\n File
"/var/lib/kolla/venv/lib64/python3.9/site-
packages/oslo_concurrency/lockutils.py", line 412, in inner\n     return
f(*args, **kwargs)\n File "/var/lib/kolla/venv/lib64/python3.9/site-
packages/nova/virt/libvirt/imagebackend.py", line 298, in fetch_func_sync\n
fetch_func(target=target, *args, **kwargs)\n File
"/var/lib/kolla/venv/lib64/python3.9/site-
packages/nova/virt/libvirt/utils.py", line 487, in fetch_image\n
images.fetch_to_raw(context, image_id, target, trusted_certs)\n File
"/var/lib/kolla/venv/lib64/python3.9/site-packages/nova/virt/images.py",
line 187, in fetch_to_raw\n     fetch(context, image_href, path_tmp,
trusted_certs)\n File "/var/lib/kolla/venv/lib64/python3.9/site-
packages/nova/virt/images.py", line 109, in fetch\n
IMAGE_API.download(context, image_href, dest_path=path,\n File
"/var/lib/kolla/venv/lib64/python3.9/site-packages/nova/image/glance.py",
line 1299, in download\n     return session.download(context, image_id,
data=data,\n File "/var/lib/kolla/venv/lib64/python3.9/site-
packages/nova/image/glance.py", line 384, in download\n     raise
exception.ImageUnacceptable(image_id=image_id,\nnova.exception.ImageUnaccept
able: Image 73bd0e3f-b7c1-4c3d-9fc7-3c83ae3acdf0 is unacceptable: Image has
no associated data\n\nDuring handling of the above exception, another
exception occurred:\n\n\nTraceback (most recent call last):\n File
"/var/lib/kolla/venv/lib64/python3.9/site-packages/nova/compute/manager.py",
line 2447, in _do_build_and_run_instance\n
self._build_and_run_instance(context, instance, image,\n File
"/var/lib/kolla/venv/lib64/python3.9/site-packages/nova/compute/manager.py",
line 2717, in _build_and_run_instance\n     raise
exception.BuildAbortException(instance_uuid=instance.uuid,\nnova.exception.B
```

```
uildAbortException: Build of instance 5ff6ac5d-69f3-4cc5-bd79-5b33ddd8d77e
aborted: Image 73bd0e3f-b7c1-4c3d-9fc7-3c83ae3acdf0 is unacceptable: Image
has no associated data\n'}
```

유의해서 봐야할 부분은 `Image has no associated data` 이다. 말 그대로 이미지에 데이터가 없다는 말인데 분명히 정상적으로 이미지가 등록되었음에도 불구하고 이런 오류가 발생한다면 이미지를 못 찾기 때문이다.

대표적으로 `glance image backend`를 NFS로 사용하는 경우에 자주 발생한다.

1. 오픈스택 구성시에 잘못하여 `glance image backend`를 NFS로 하였으나 실제 노드의 OS에는 마운트가 되어있지 않은 경우
2. 노드 부팅시 NFS가 Docker 보다 늦게 동작하여 마운트는 되어있으나 `docker container`에서는 해당 경로를 인식하지 못하는 경우

1번의 경우 OS의 `fstab`에 실제로 등록되어있는지 확인하여 처리하면 되고 2번의 경우 [Glance image NFS 설정시 주의사항](#) 문서를 참고한다.

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