故障

消息 No valid host was found. There are not enough hosts available. 编码 详情 File "/var/lib/kolla/venv/lib/python2.7/site-packages/nova/conductor/manager.py", line 866, in schedule_and_build_instances request_specs[0].to_legacy_filter_properties_dict()) File "/var/lib/kolla/venv/lib/python2.7/site-packages/nova/conductor/manager.py", line 597, in _schedule_instances hosts = self.scheduler_client.select_destinations(context, spec_obj) File "/var/lib/kolla/venv/lib/python2.7/site-packages/nova/scheduler/utils.py", line 371, in wrapped return func(*args, **kwargs) File "/var/lib/kolla/venv/lib/python2.7/sitepackages/nova/scheduler/client/__init__.py", line 51, in select_destinations return self.queryclient.select_destinations(context, spec_obj) File "/var/lib/kolla/venv/lib/python2.7/site-packages/nova/scheduler/client/__init__.py", line 37, in __run_method return getattr(self.instance, __name)(*args, **kwargs) File "/var/lib/kolla/venv/lib/python2.7/site-packages/nova/scheduler/client/query.py", line 32, in select_destinations return self.scheduler_rpcapi.select_destinations(context, spec_obj) File "/var/lib/kolla/venv/lib/python2.7/site-packages/nova/scheduler/rpcapi.py", line 129, in select destinations return cctxt.call(ctxt, 'select destinations', **msg args) File "/var/lib/kolla/venv/lib/python2.7/site-packages/oslo_messaging/rpc/client.py", line 169, in call retry=self.retry) File "/var/lib/kolla/venv/lib/python2.7/sitepackages/oslo_messaging/transport.py", line 97, in _send timeout=timeout, retry=retry) File "/var/lib/kolla/venv/lib/python2.7/sitepackages/oslo_messaging/_drivers/amqpdriver.py", line 458, in send retry=retry) File "/var/lib/kolla/venv/lib/python2.7/site-packages/oslo_messaging/_drivers/amqpdriver.py", line 449, in send raise result 已创建 2017年6月9日 09:35

代码实现大致是这样的:

Nova在nova.compute.manager.ComputeManager类中为主要的操作(如创建虚机,迁移等)的入口函数添加了一个装饰器方法:

@wrap_instance_fault (nova/compute/manager.py)

created_at	2017-06-05 11:12:32
updated_at	
deleted_at	2017-06-05 11:13:24
id	1
instance_uuid	6ab87f05-0225-40b0-9fec-ea686648b994
code	500
message	Build of instance 6ab87f05-0225-40b0-9fec-ea686648b994 aborted: Volume resource quota exceeded
details	File "/opt/stack/nova/nova/compute/manager.py", line 1786, in _do_build_and_run_instance filter_properties) File "/opt/stack/nova/nova/compute/manager.py", line 1968, in _build_and_run_instance phase=fields.NotificationPhase.ERROR, exception=e)
host	localhost.localdomain
deleted	1

instance_faults表中的信息是可以被nova show命令查询到的。

目前看来,nova没有主动通知UI错误已经发生,而是nova把错误信息放到了nova show方法的返回值中。

horizon创建虚机时应当会不断的调用show命令,查询VM的状态,因此能看到错误。