Evacuation Tool

Input: - server.yml or IPMI creds
- Hostname to evacuate
- OpenStack credetials

Is node really down ? — no → Exit : Error

Optional

yes

Put compute in maintenance mode

Sleep(configurable amount of time and number of retry)

Successful — no → Exit : Error

yes

Is node in maintenance mode ? — No

yes

IPMI Shutdown

Sleep(configurable amount of time and number of retry)

Successful — no → Exit : Error

yes

Is node IPMI state shut off ? — No

yes

Get list of instances on the compute

Nova evacuate the node

Sleep(configurable amount of time and number of retry)

Successful — no → Exit : Error

yes

Successfull ? — No

Yes

Output list of evacuated instances

Monitoring

Pool nova api and neutron-api to check hypervisor and neutron ovs agent are marked down

No

Yes

Any node down ?

Yes — No

Wait

Any node down ? — No

Yes

Call Evacuation tool

Sucessfull ? — No → Stop monitoring this node and alert admin

Yes

Alert admin and tenant impacted