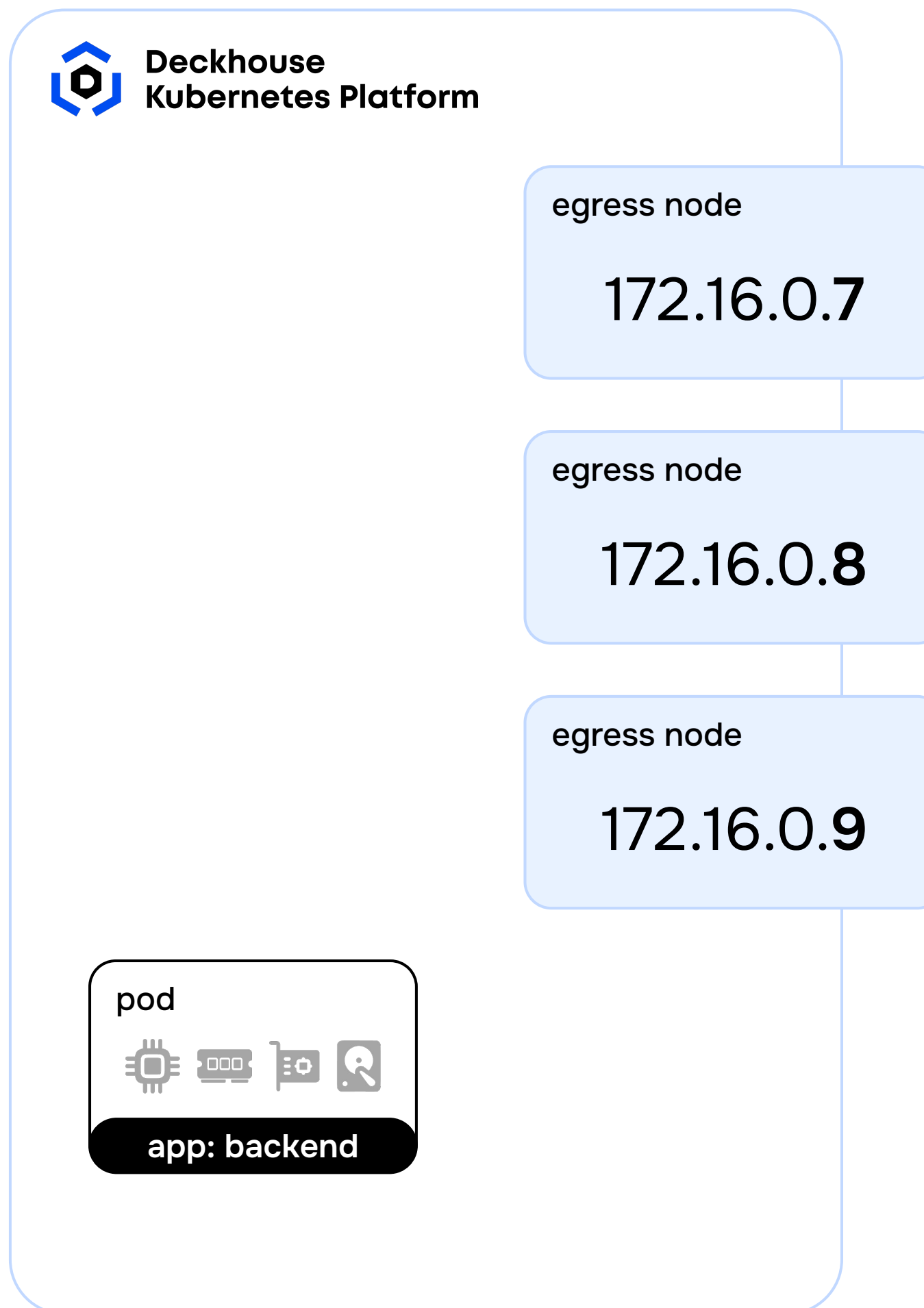


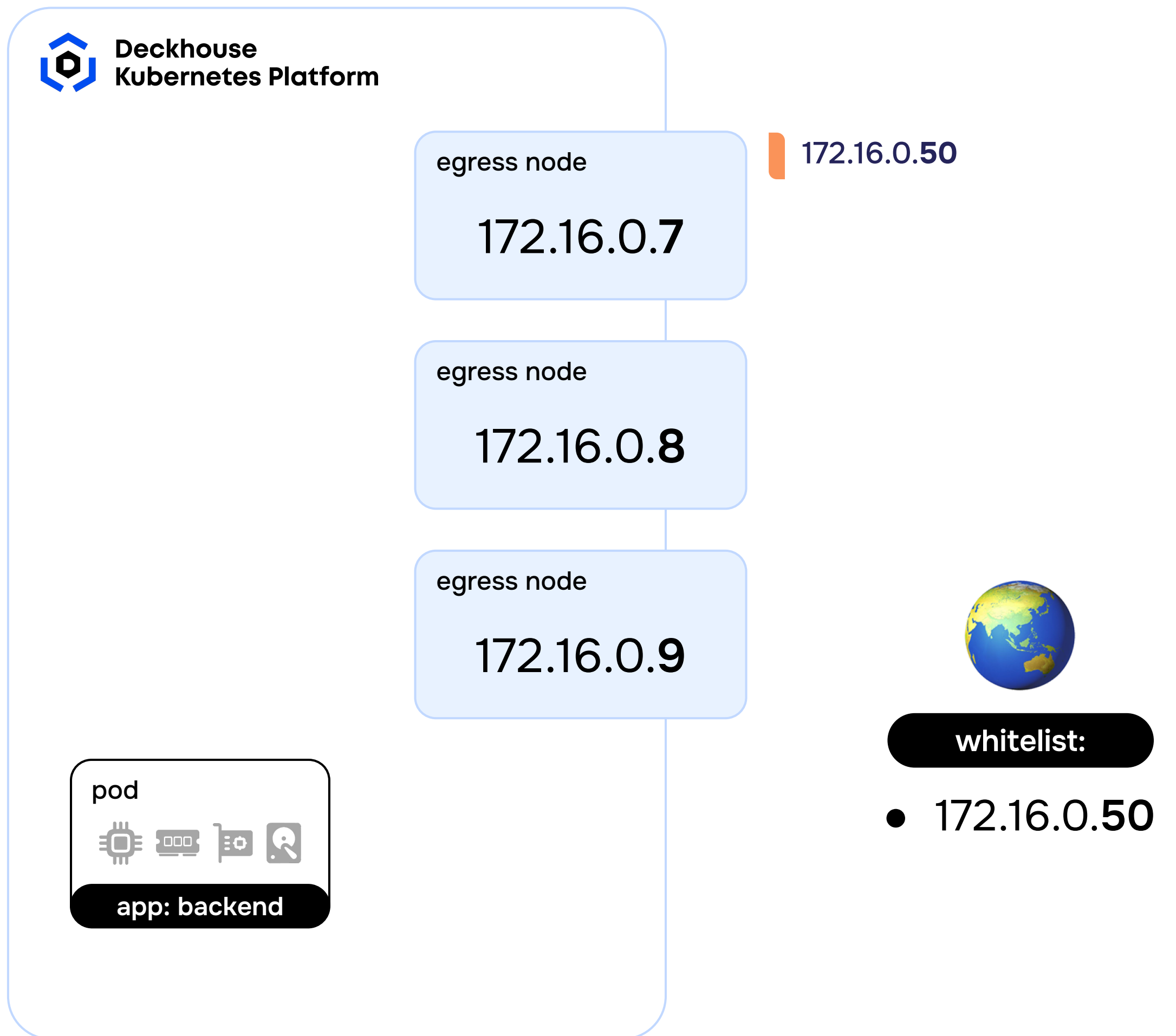
# Egress gateway

with Virtual IP

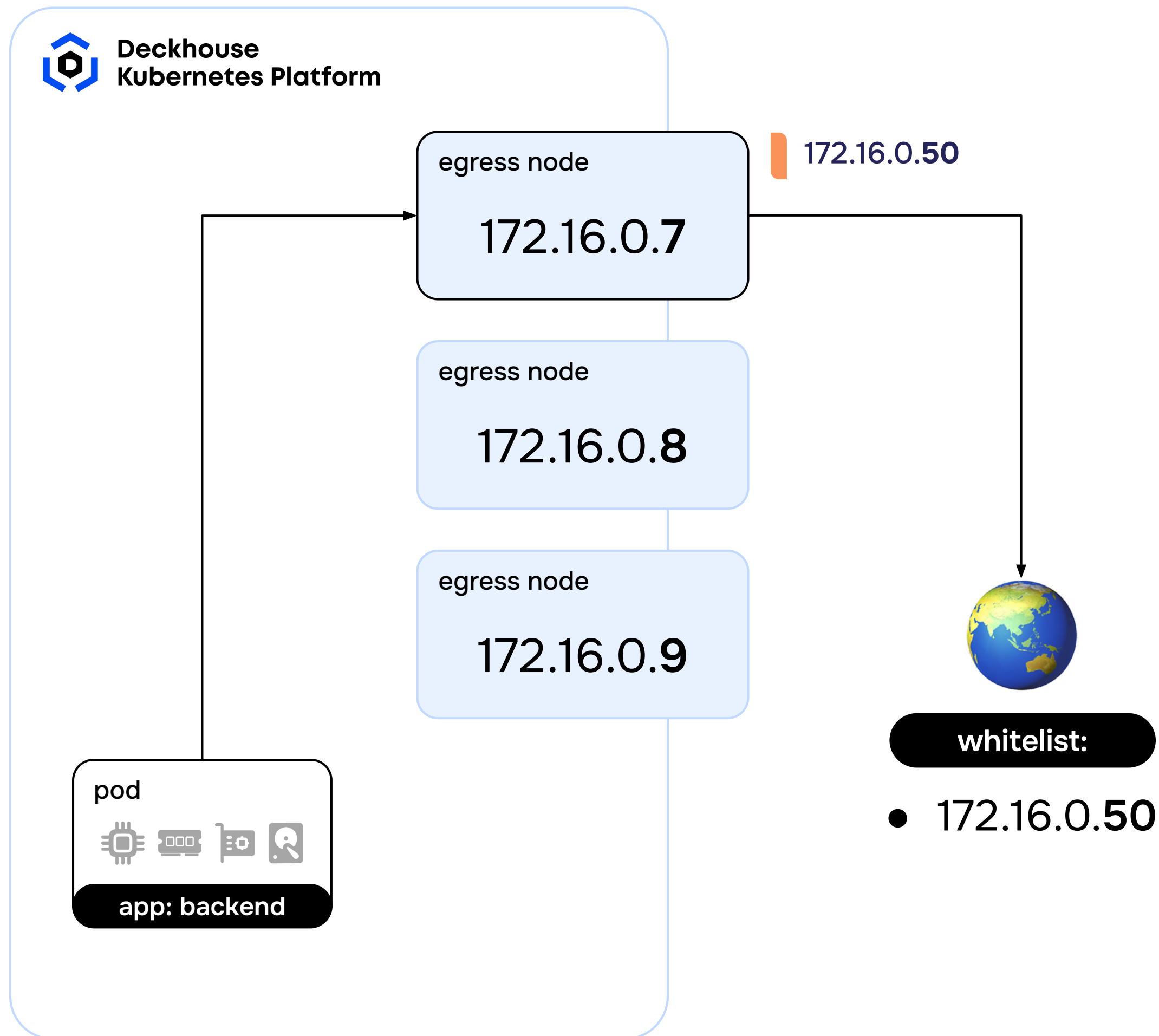
There is a group of dedicated nodes in the cluster through which we want to send outgoing requests.



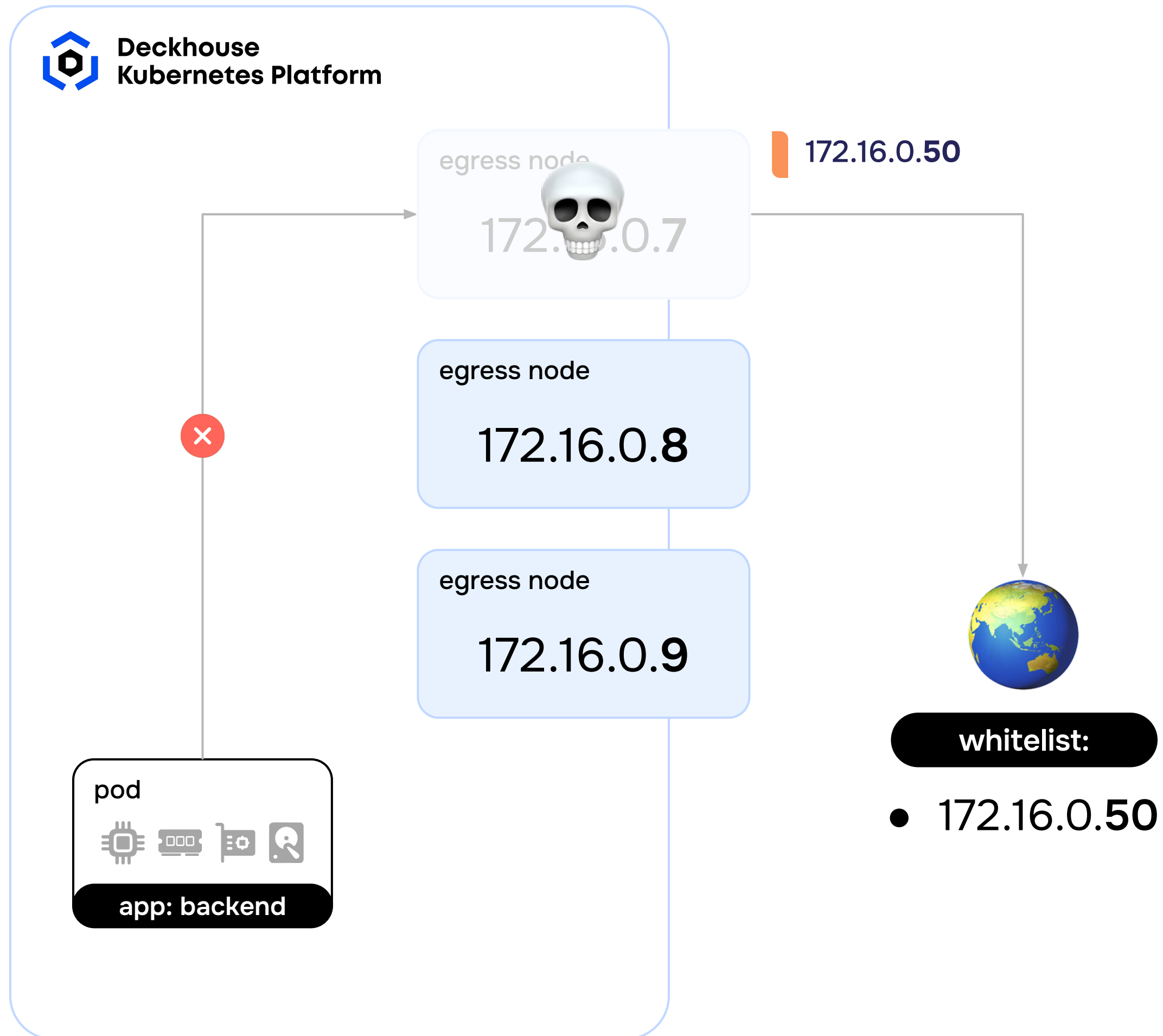
The platform selects the master node and an additional virtual address is assigned to it. It must be added to the list of allowed addresses on the external service.



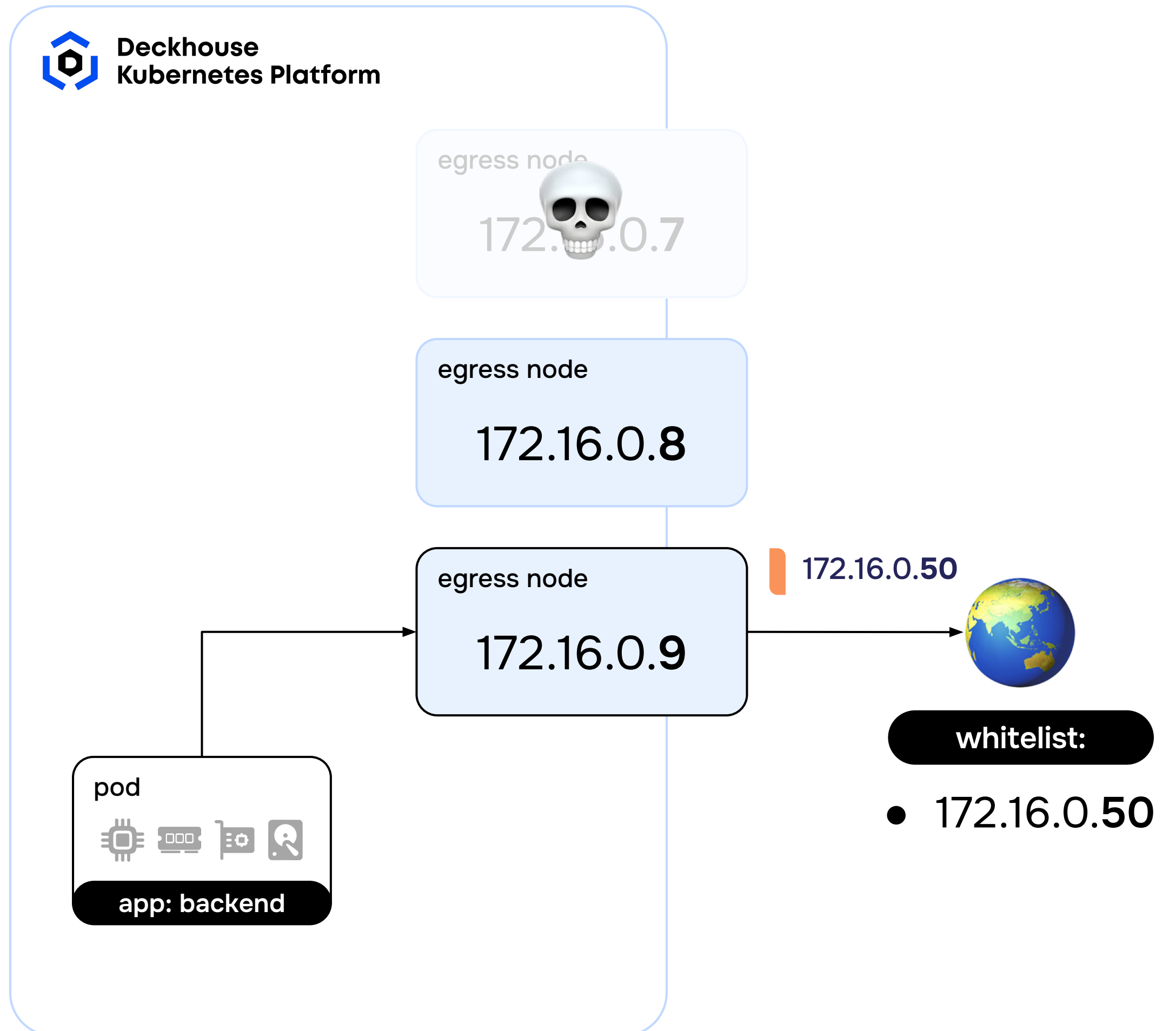
Requests to the external service are routed through the selected master node.



If the node through which the traffic is flowing fails, all current connections will be interrupted...



And a new master node will be selected and assigned the same virtual address. From an external service perspective, the client address will not change.





Simultaneous operation of multiple virtual addresses is supported. They will be distributed among the operable nodes.



Deckhouse  
Kubernetes Platform

egress node

172.16.0.7

egress node

172.16.0.8

egress node

172.16.0.9

pod



app: backend

172.16.0.78

172.16.0.43

172.16.0.50

172.16.0.91



**whitelist:**

- 172.16.0.50