Basic egress gateway

egress node

172.16.0.**7**

egress node

172.16.0.**8**

egress node

172.16.0.**9**

app: backend
Pod

whitelist:

- 172.16.0.**7**
- 172.16.0.**8**
- 172.16.0.**9**
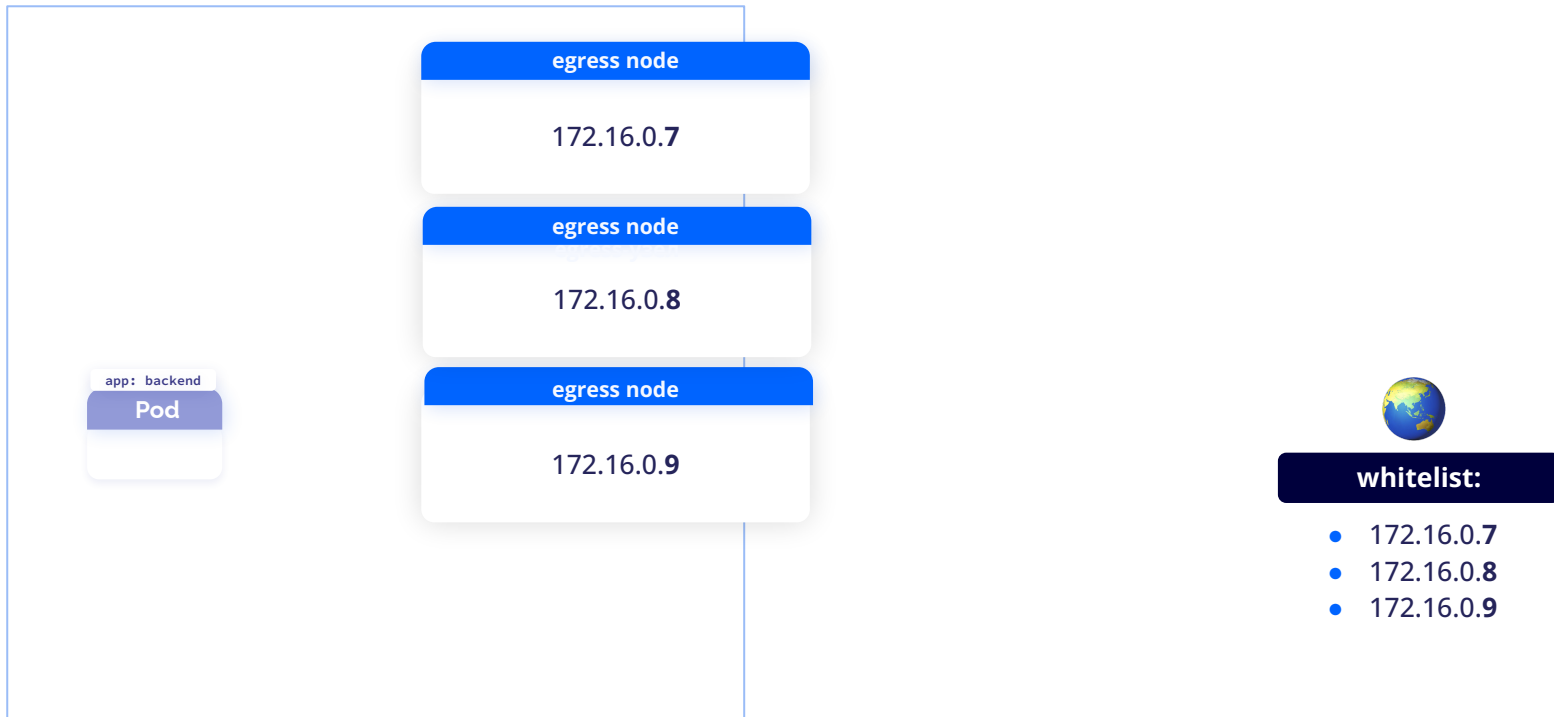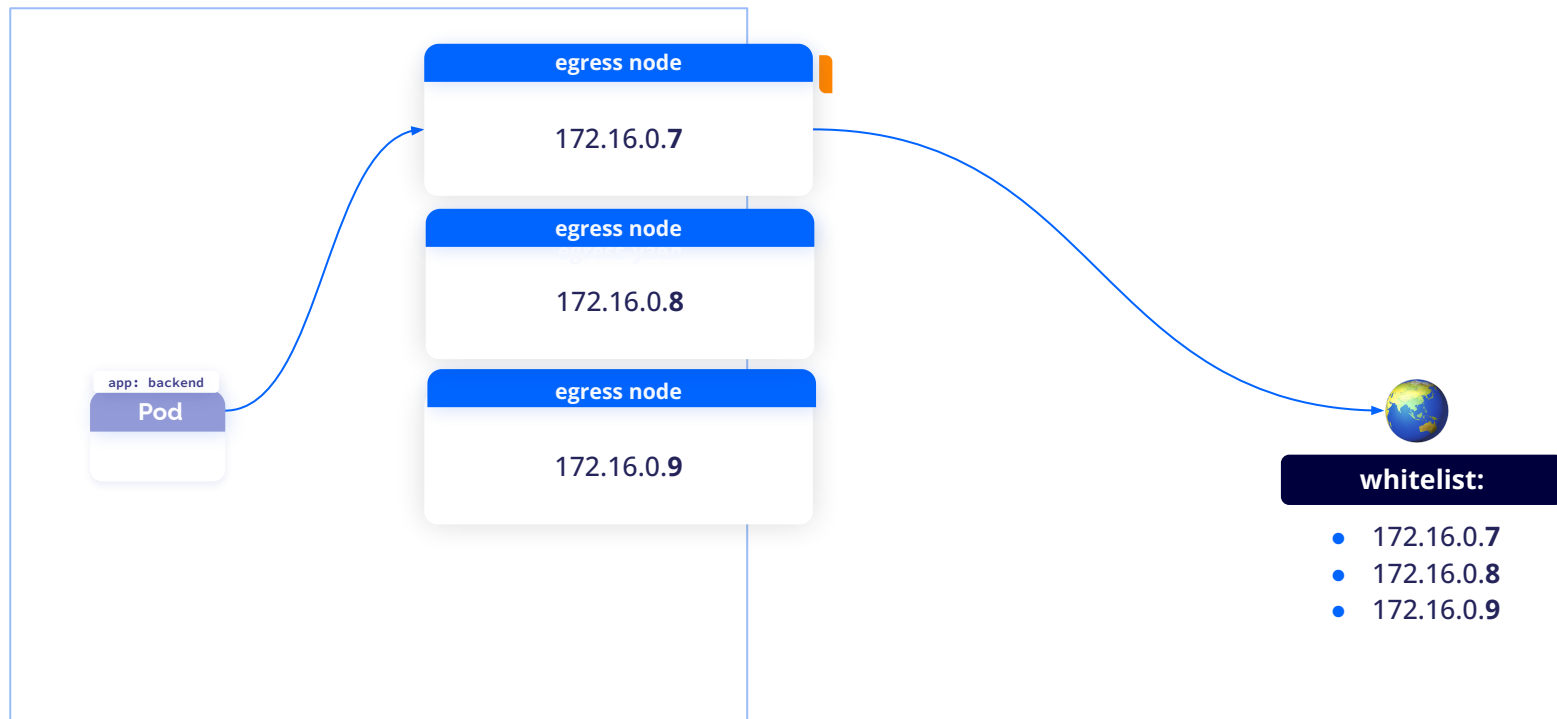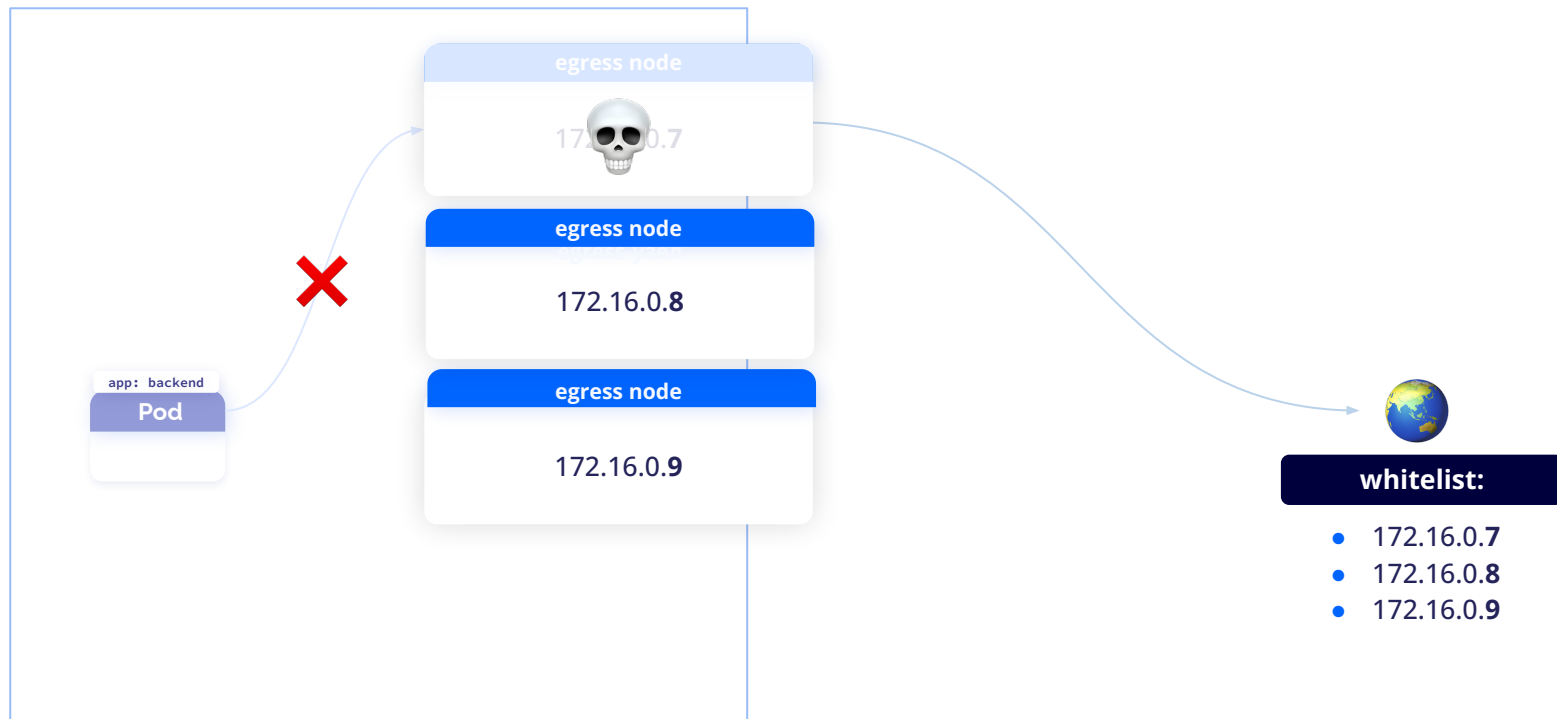
The cluster has dedicated nodes with public IP addresses. These addresses are registered in the list of allowed addresses on the external service.

Basic egress gateway

egress node

172.16.0.**7**

egress node

172.16.0.**8**

egress node

172.16.0.**9**

app: backend
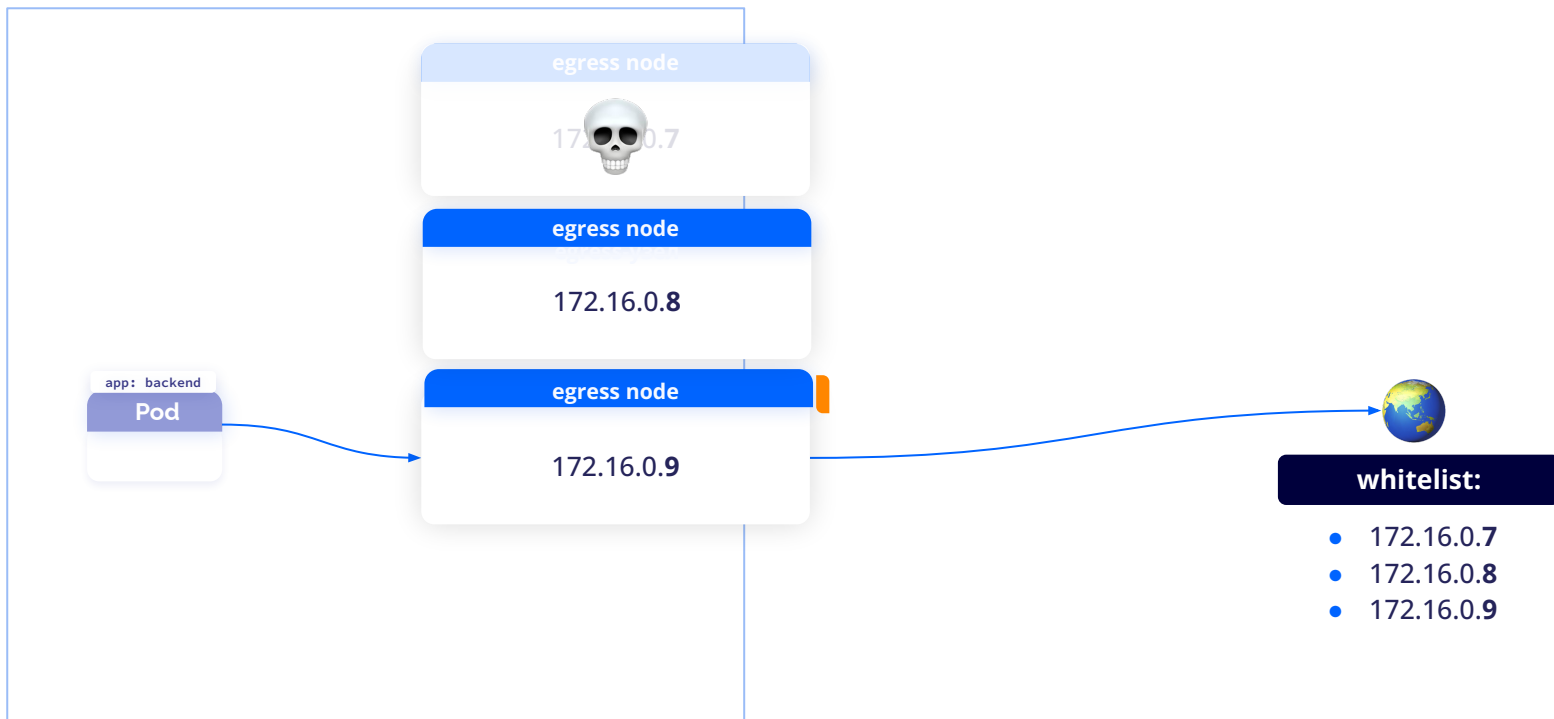
Pod

whitelist:

- 172.16.0.**7**
- 172.16.0.**8**
- 172.16.0.**9**

The platform assigns a master node. Outgoing requests to an external service are routed through this node.

Basic egress gateway

app: backend

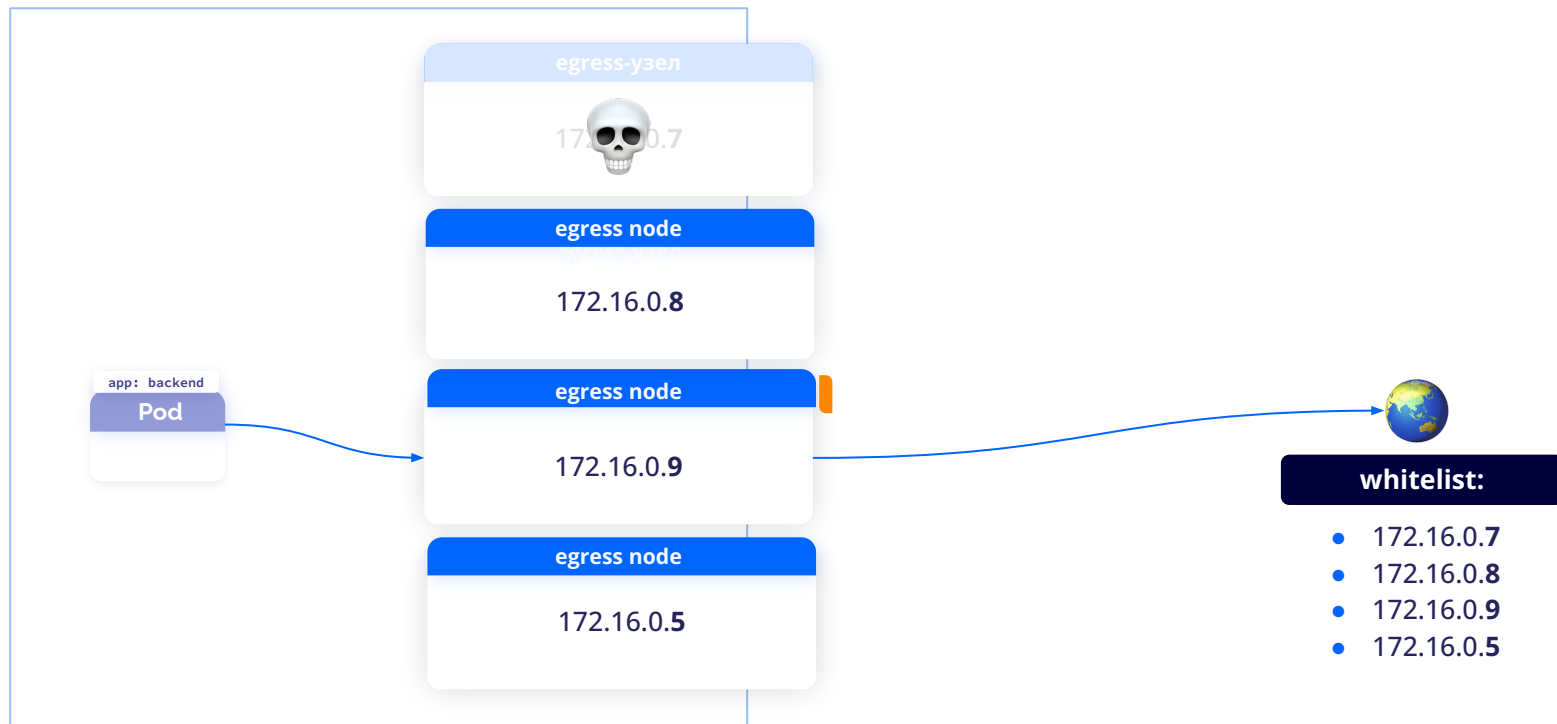**Pod**

egress node

🕱 172.16.0.7

✖

egress node

172.16.0.**8**

egress node

172.16.0.**9**

🌏

whitelist:

- 172.16.0.**7**
- 172.16.0.**8**
- 172.16.0.**9**

If the main node fails, all current connections are interrupted ....

Basic egress gateway

egress node

172.16.0.7 💀

egress node

172.16.0.**8**

egress node

172.16.0.**9**

app: backend

Pod

🌐

whitelist:

- 172.16.0.**7**
- 172.16.0.**8**
- 172.16.0.**9**

… and a new master node will be elected among the remaining worker nodes through which traffic will flow.

Basic egress gateway

egress-узел

172.16.0.7 💀

egress node

172.16.0.**8**

app: backend

Pod

egress node

172.16.0.**9**

🌍

whitelist:

- 172.16.0.**7**
- 172.16.0.**8**
- 172.16.0.**9**
- 172.16.0.**5**

egress node

172.16.0.**5**

If a new egress node is to be added, its public address must be added to the whitelist on the external service.