

Allow direct communications between pods, using webhooks

The idea:

- A webhook on the providers, watching the ShadowEndpointSlices creation/update
- Replaces the indirect route addresses with the direct
- Same mechanism for EndpointSlice creation, the direct address will not be remapped (done using a label in the shadowEPS)

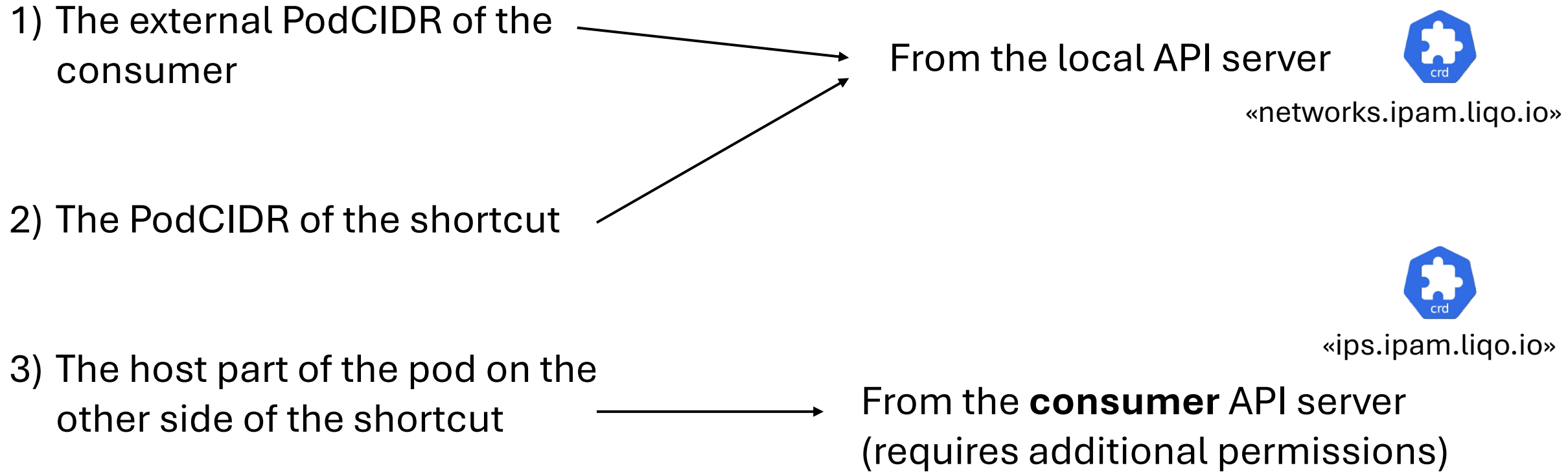
ShadowEPS received by the provider

```
Kind:      ShadowEndpointSlice
Metadata:
  Creation Timestamp: 2025-07-14T19:27:14Z
  Generation:        123
  Resource Version:   2773913
  UID:                6188f8fa-4fcb-48f1-843c-af4eced499c9
Spec:
  Template:
    Address Type:  IPv4
    Endpoints:
      Addresses:
        10.70.0.5      Pod on Cluster 3 (ext. CIDR)
                        (the other Provider)
      Conditions:
        Ready:        true
        Node Name:    cluster1
      Target Ref:
        Kind:         RemotePod
        Name:          nginx-demo-66f556f644-vjm9j
        Namespace:    liqo-demo
        UID:           9b690171-232d-4bde-9c9f-4c8a347c0db2
      Addresses:
        10.200.0.129   Pod on Cluster 1
                        (Consumer)
      Conditions:
        Ready:        true
        Node Name:    cluster1
      Target Ref:
        Kind:         RemotePod
```

The «long route» address needs to be replaced with the one leveraging the shortcut;

Then at the EndpointSlice creation, no remapping will be necessary for that address.

Data needed to replace the external CIDR address



Calls to the API server are computationally expensive, especially for a webhook