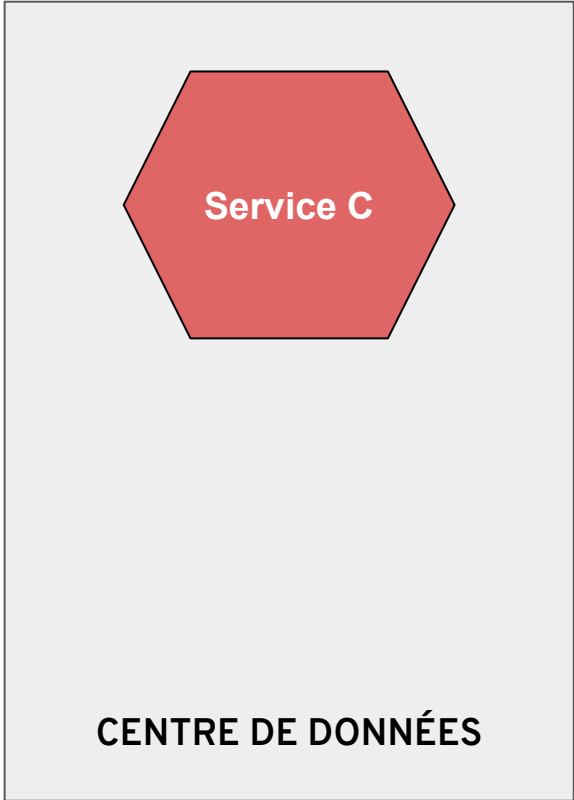
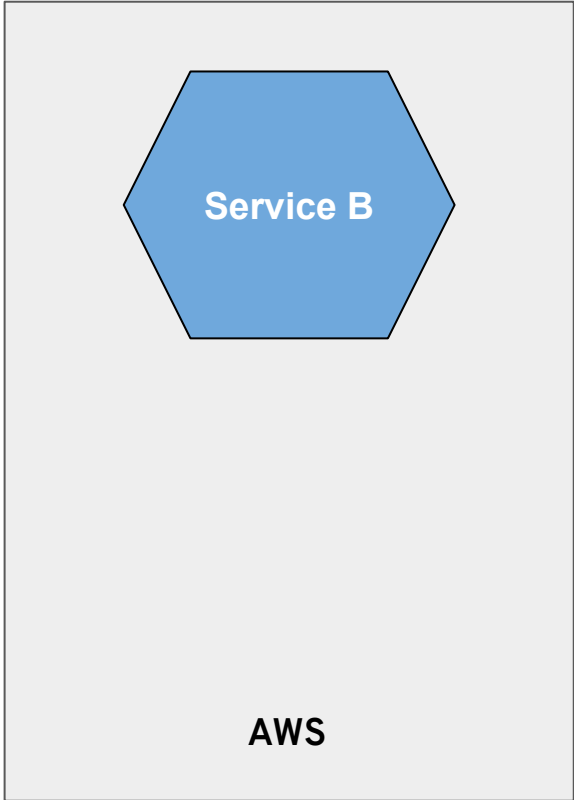
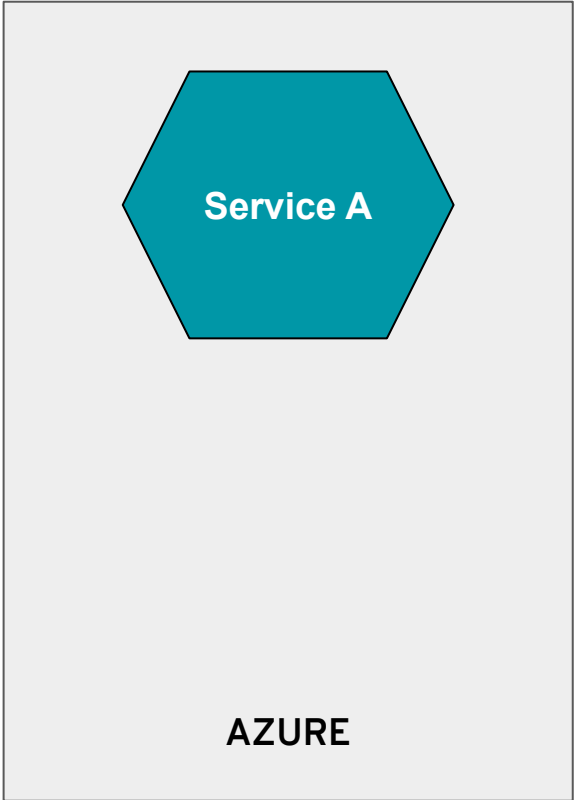


# Skupper

*Une introduction*

Martin Sauvé  
msauve@redhat.com





**Données sur site**

**APPLI  
WEB**

**AZURE**

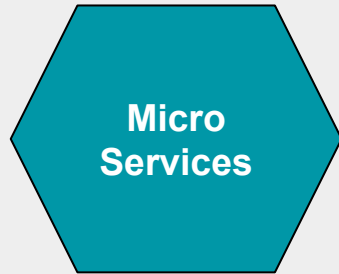
**API**

**AWS**

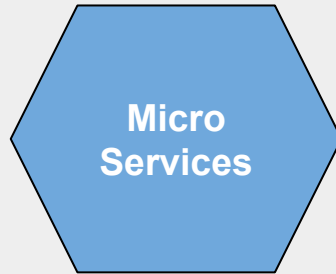
**Base de  
données**

**CENTRE DE DONNÉES**

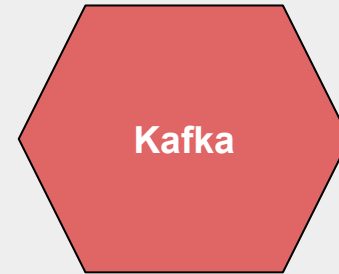
**Données sur site**



**AZURE**

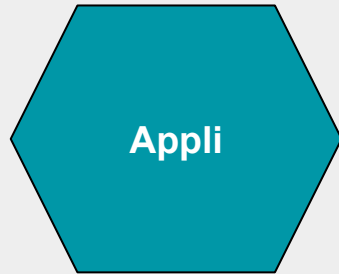


**AWS**

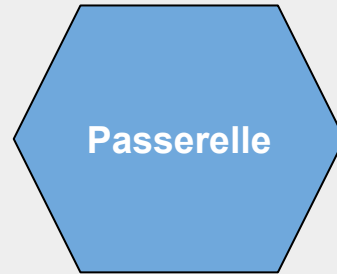


**CENTRE DE DONNÉES**

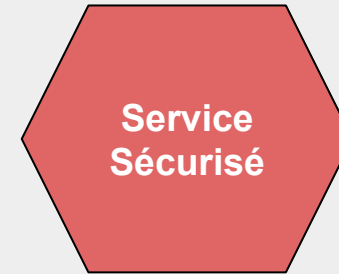
**Réseautique hétérogène**



**AZURE**

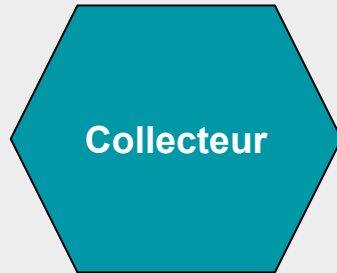


**DMZ**

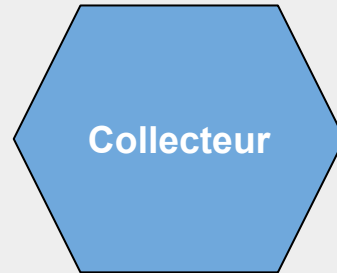


**CENTRE DE DONNÉES**

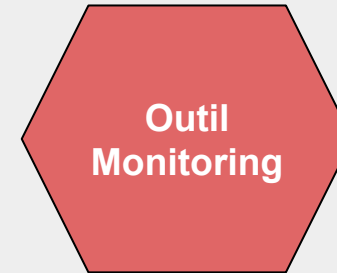
**Surveillance distribuée**



**AZURE**

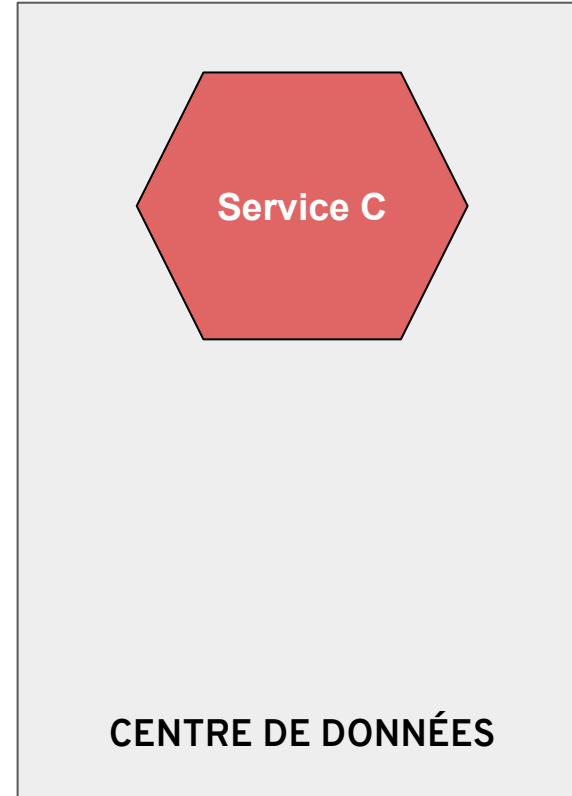
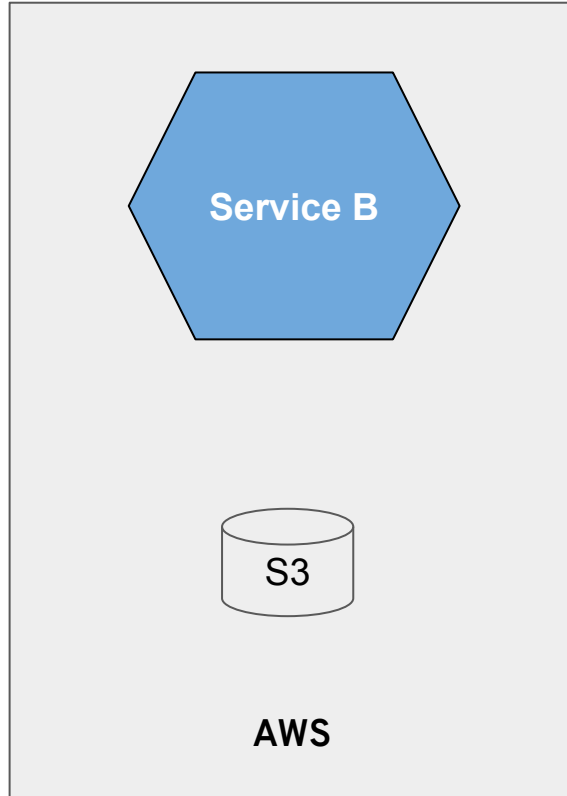
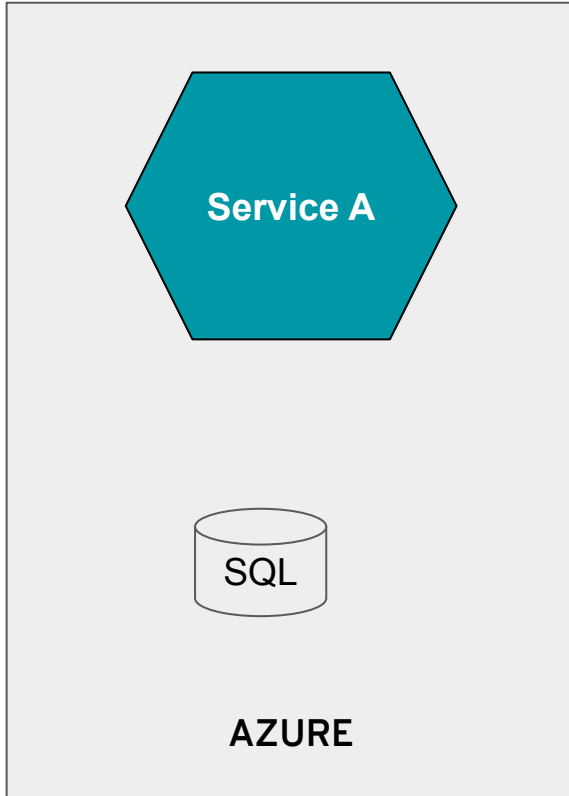


**AWS**

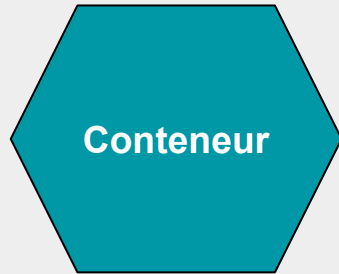


**CENTRE DE DONNÉES**

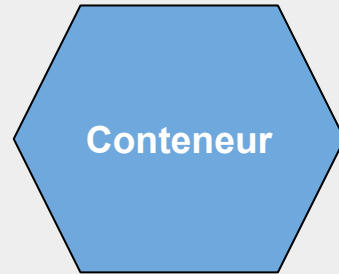
**Accès au service selon les besoins**



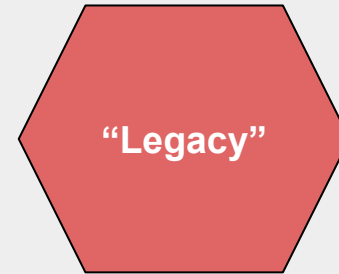
**Modernisation**



**AZURE**

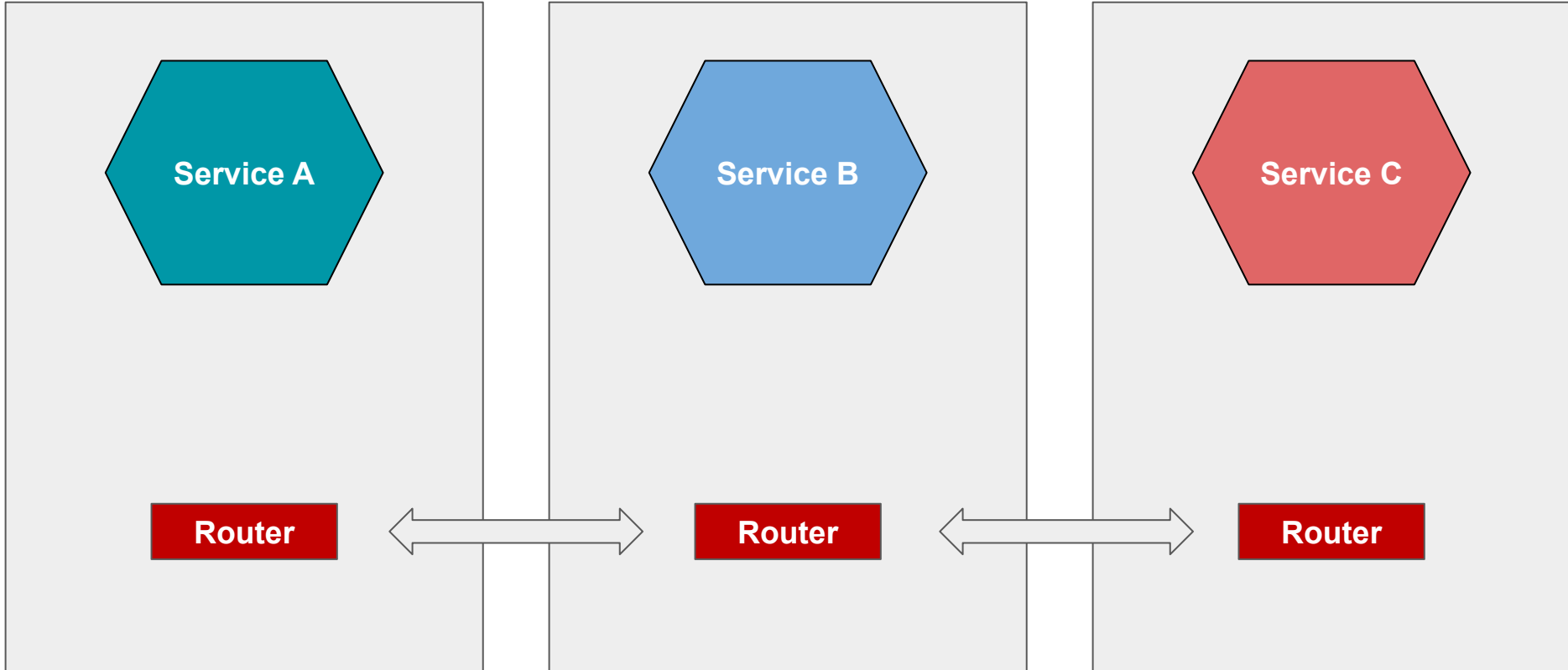


**AWS**

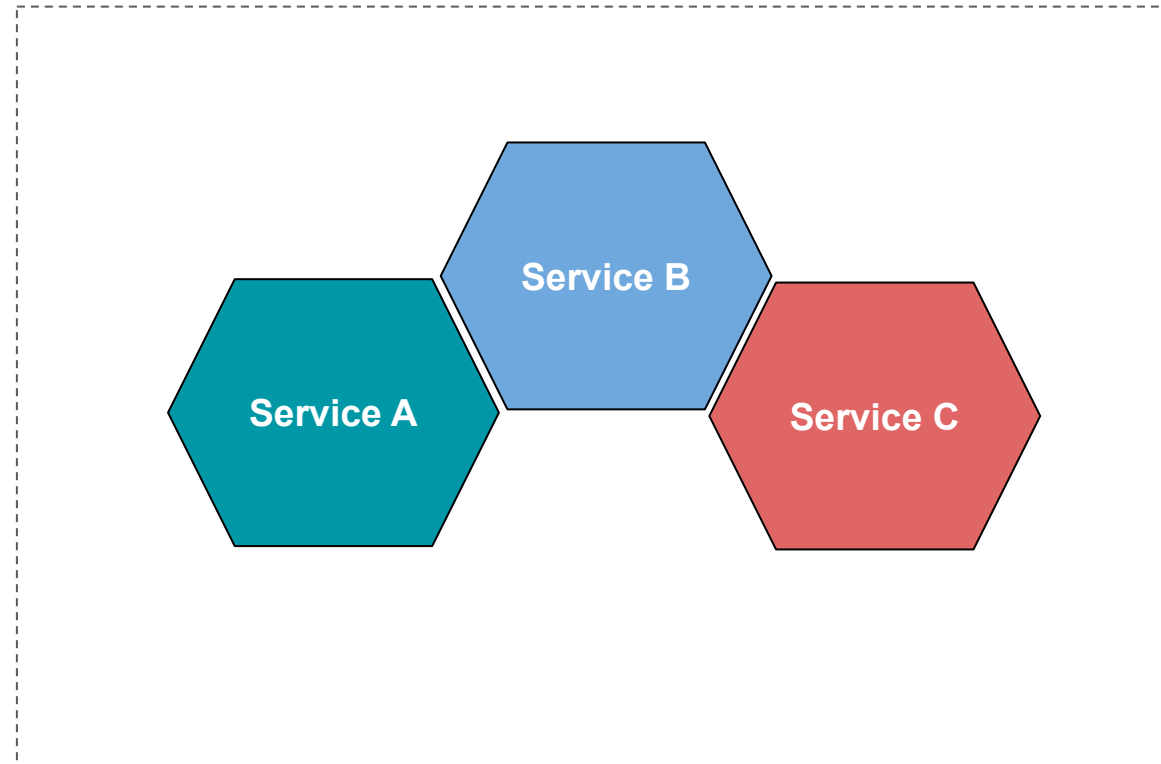


**CENTRE DE DONNÉES**





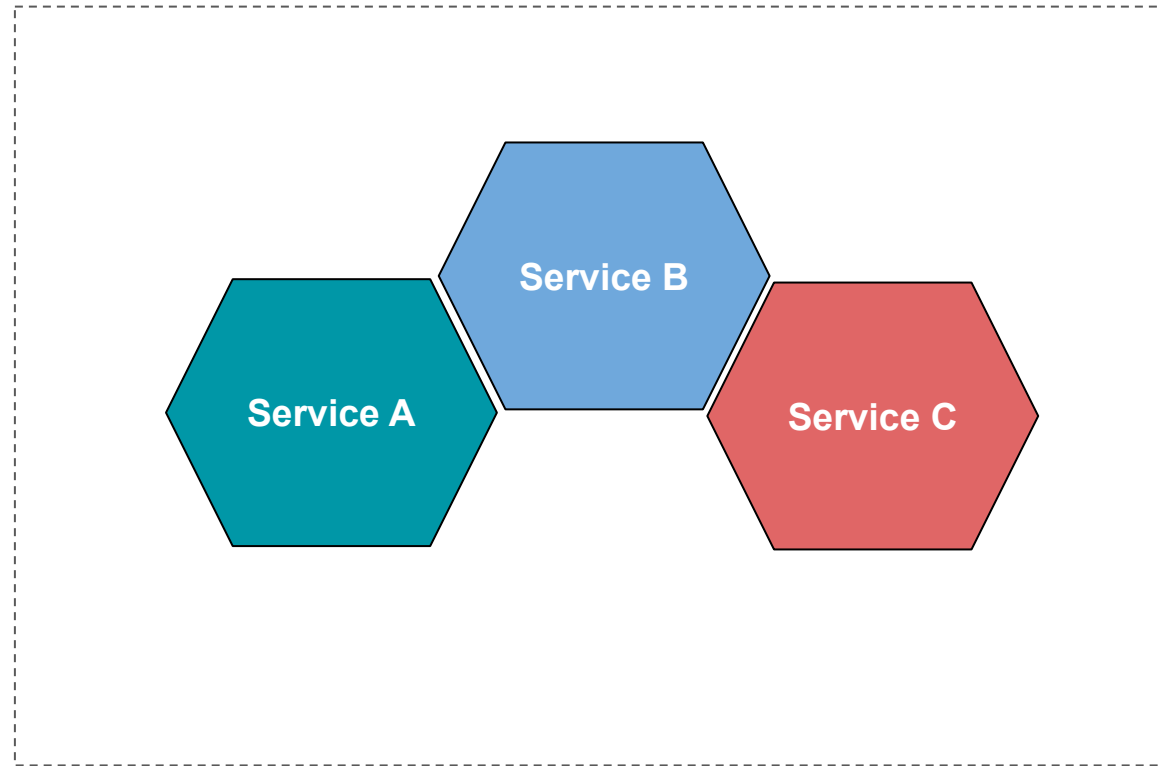
**“VIRTUAL APPLICATION NETWORK” - VAN**

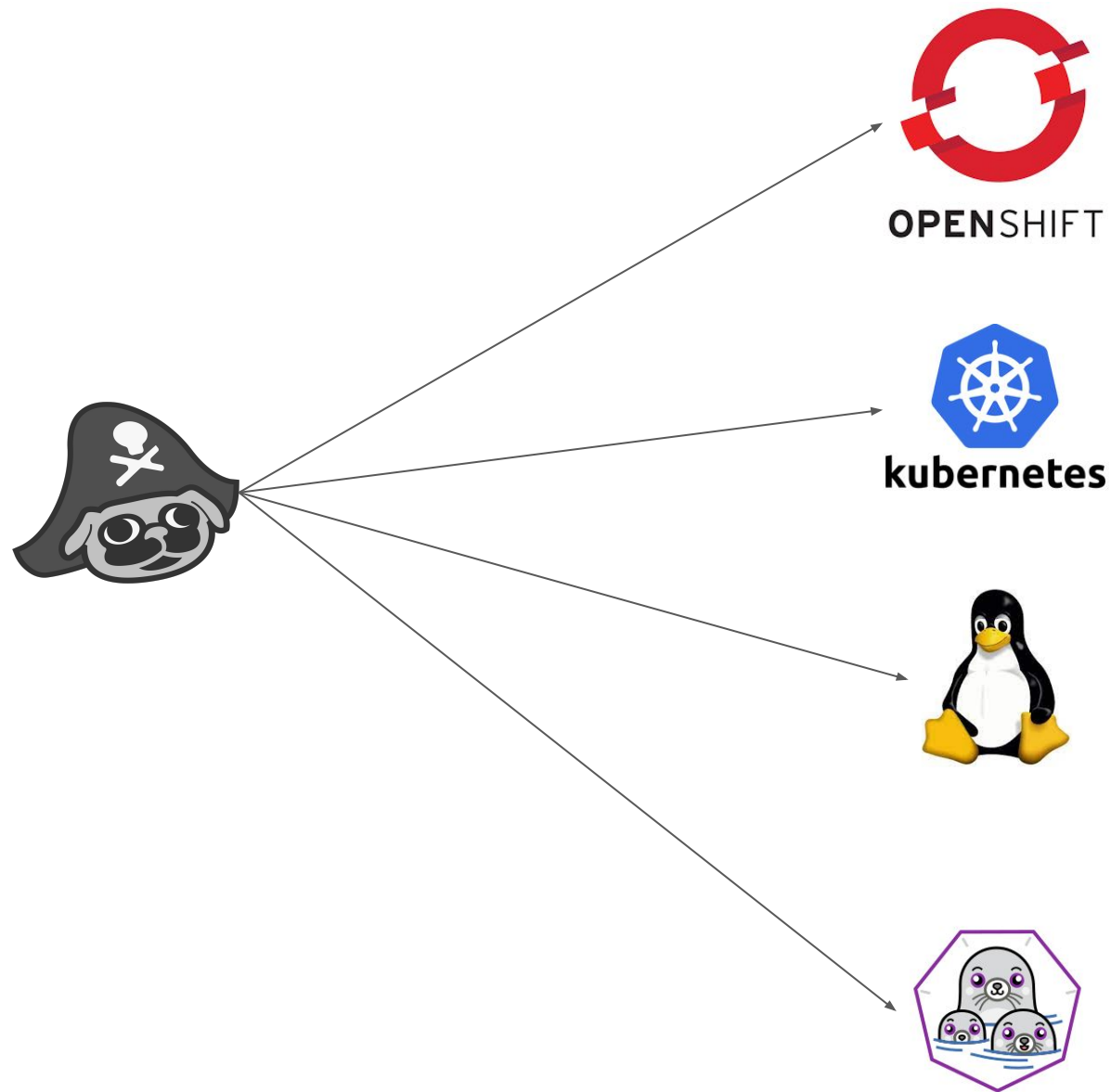


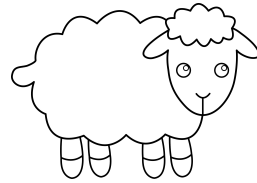


<https://skupper.io>

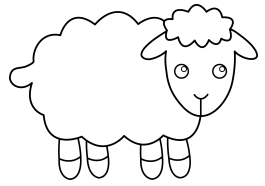
## “VIRTUAL APPLICATION NETWORK” - VAN





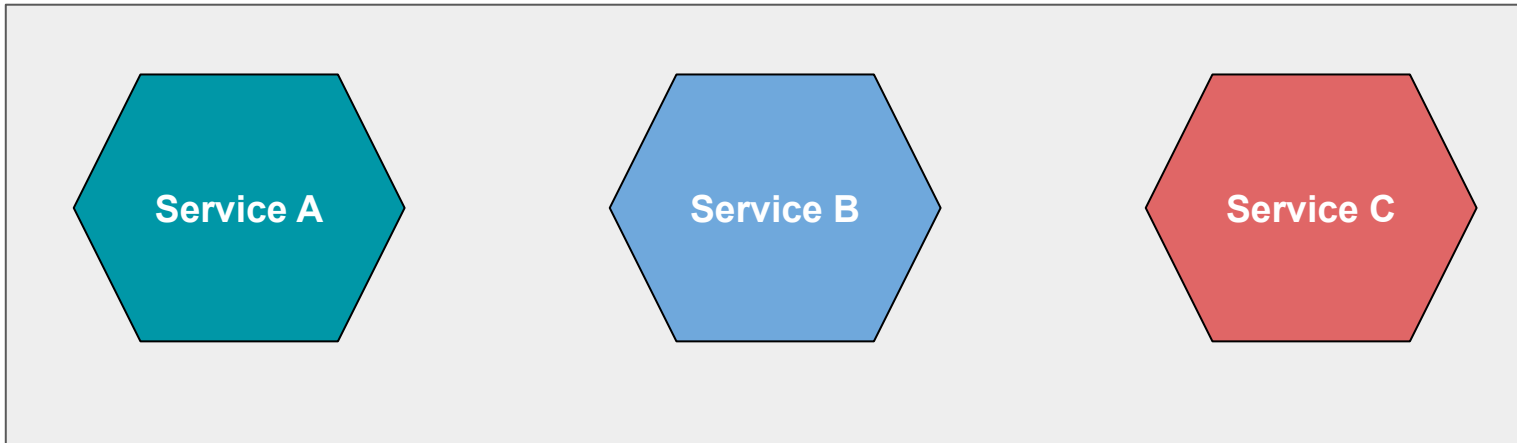


Sécurité

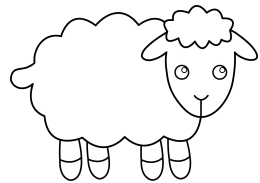


Développeurs

APPLICATION



VAN



Opérations



INFRASTRUCTURE



## **VAN - Encapsulation complète d'une application.**

- Trafic mTLS inter site
- Encapsulation réduit la possibilité de logiciel malveillant et exfiltration de données

## **Les applications multi-cloud ne sont pas exposées sur la réseautique infonuagique**

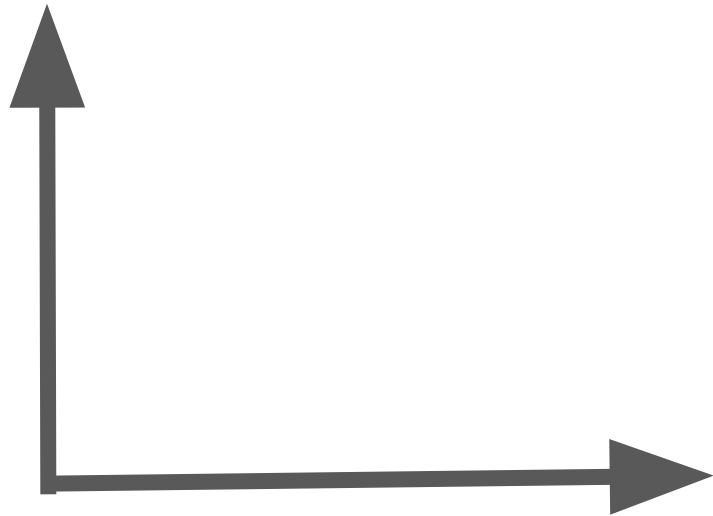
- Seul point d'entrée est le Ingress

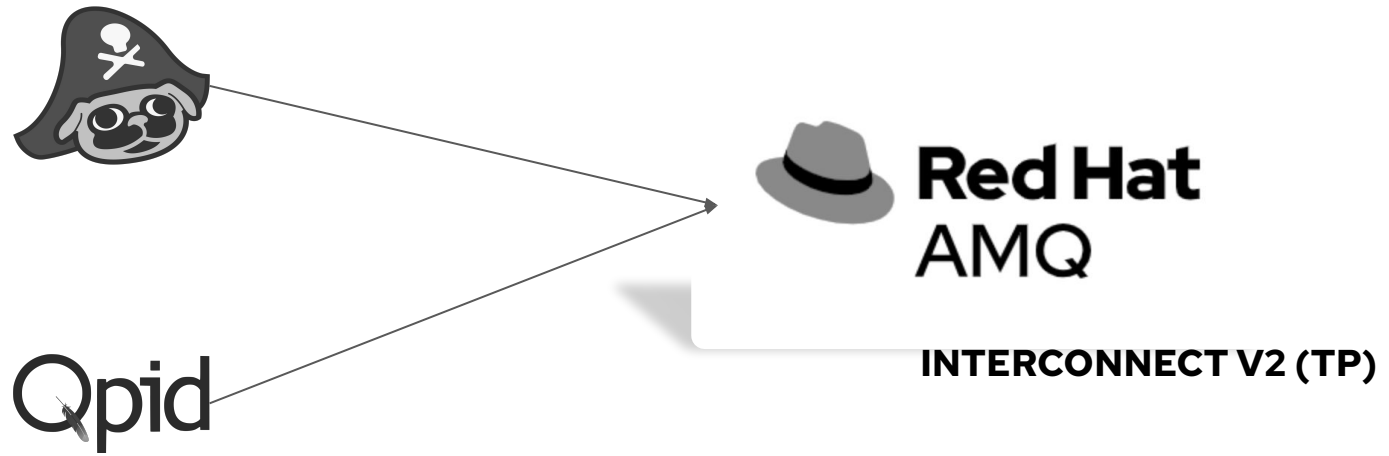
## **Installation sans privilèges élevés**

## **Contrôle d'accès par application**

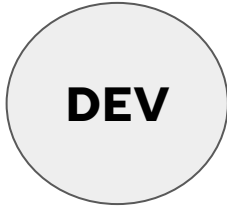
# Pourquoi un VAN: Indépendance

- Topologie applicative et topologie réseautique sont distinctes
- Les services sont alloués pour répondre aux besoins d'affaire, non pour satisfaire aux contraintes et exigences du réseau.
  - Données sensibles dans un centre de traitements
  - Régions, cloud ou centre de traitements peuvent être ajoutés
  - Accès aux services géolocalisés et avec affinité géographique.



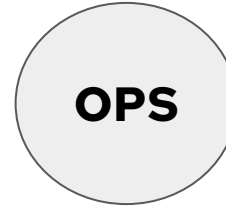






Qpid

- K8S OPERATOR - DÉCLARATIF
- GITOPS/DEVOPS
- RESPONSABILITÉ DE L'APPLICATION



- PERMANENT, MULTI-CLUSTER
- IP SEC
- SERVICE PLATEFORME



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