

2022

Más vale failover
en mano...



Sponsors



Microsoft

NTT DATA



avanade

intelequia

encamina

PIENSA EN COLORES

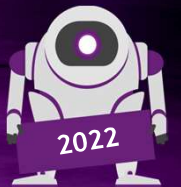


ERNI

TOKIOTA

ilitia

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Nosotros

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Cloud Engineer



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@snavarropino
Tech Lead



Agenda

01 Azure SLA's

02 Disaster recovery, Failover

03 Demos

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¿Son suficientes las SLA's de Azure?



Azure SLA's

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<https://azure.microsoft.com/en-us/support/legal/sla>



App Service

Service Credit

MONTHLY UPTIME PERCENTAGE	SERVICE CREDIT
< 99.95%	10%
< 99%	25%
< 95%	100%

Additional Terms: Service Credits are applicable only to fees attributable to your use of Web Apps, Mobile Apps, API apps or Logic Apps and not to fees attributable to other types of apps available through the App Service, which are not covered by this SLA.



Azure SLA's



Monthly Uptime Percentage: The Monthly Uptime Percentage is calculated using the following formula:

Monthly Uptime % = (Maximum Available Minutes - Downtime) / (Maximum Available Minutes) x 100

Caída de 5 horas!

$$(60 \times 24 \times 31 - 300) / (60 \times 24 \times 31) \times 100 = 99,32\%$$

Service Credit

MONTHLY UPTIME PERCENTAGE	SERVICE CREDIT
< 99.95%	10%
< 99%	25%
< 95%	100%

Additional Terms: Service Credits are applicable only to fees attributable to your use of Web Apps, Mobile Apps, API apps or Logic Apps and not to fees attributable to other types of apps available through the App Service, which are not covered by this SLA.

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Azure SLA's



BLACK FRIDAY

The SLA will only offer service credits and will not cover any additional damages your organization might have incurred when your app was down and is therefore by no means an alternative for adding high availability or resiliency to your Azure design.

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Azure SLA's

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<https://azure.microsoft.com/en-us/support/legal/sla>



Azure Container Registry

MONTHLY UPTIME PERCENTAGE	SERVICE CREDIT
< 99.9%	10%
< 99%	25%



Azure SLA's

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<https://azure.microsoft.com/en-us/support/legal/sla>



Azure Container Registry



Azure Container Instances

Azure Container Instance

MONTHLY UPTIME PERCENTAGE	SERVICE CREDIT
< 99.9%	10%
< 99%	25%



Disaster recovery plan

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- ❑ Levantamos miles de ACI's al día
- ❑ Region: West Europe
- ❑ La tasa de errores crece
- ❑ ¿Qué hacemos?



Outage

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Disaster recovery plan

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- ❑ Levantamos miles de ACI's al día
- ❑ Region: West Europa
- ❑ La tasa de errores crece
- ❑ ¿Qué hacemos?

✓ **Failover a otra región**



Disaster recovery plan



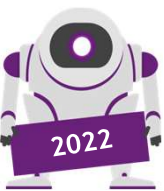
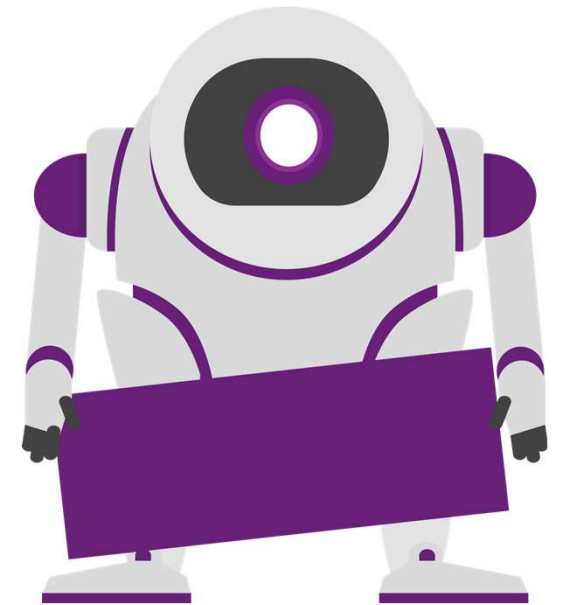
MAKE A PLAN!

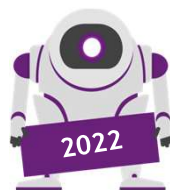
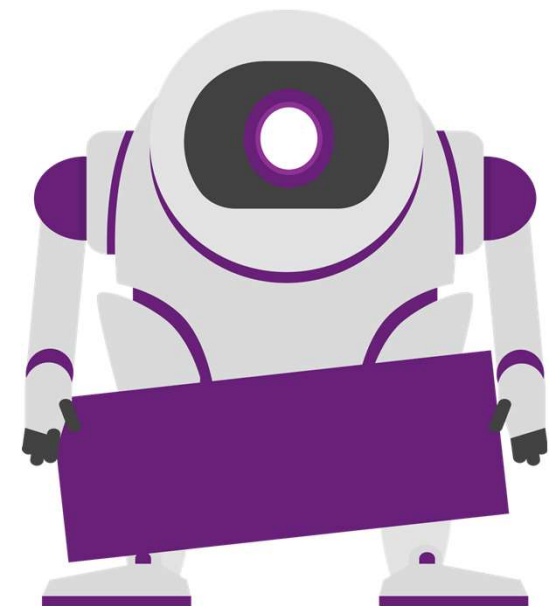
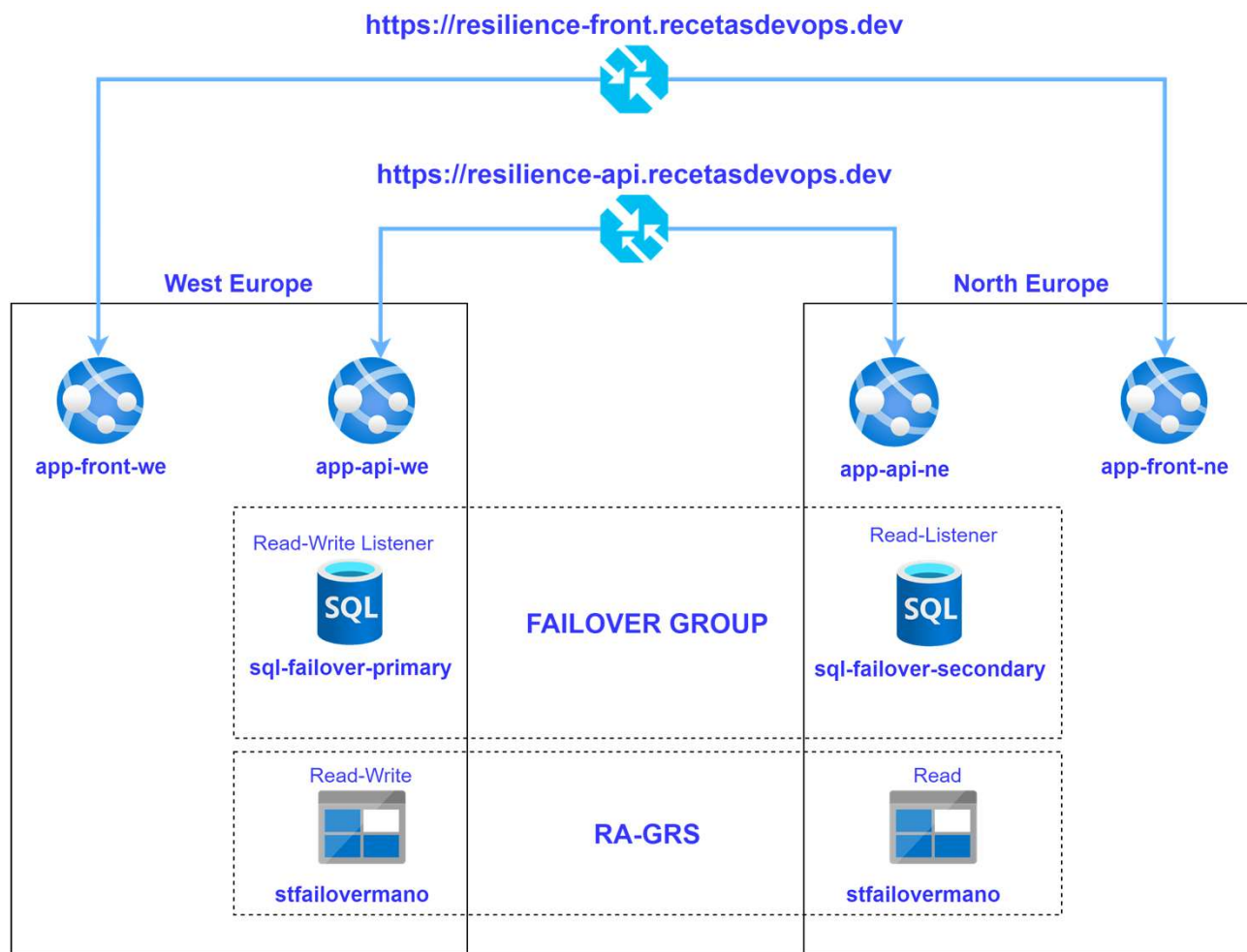
#netcoreconf



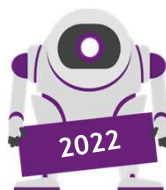
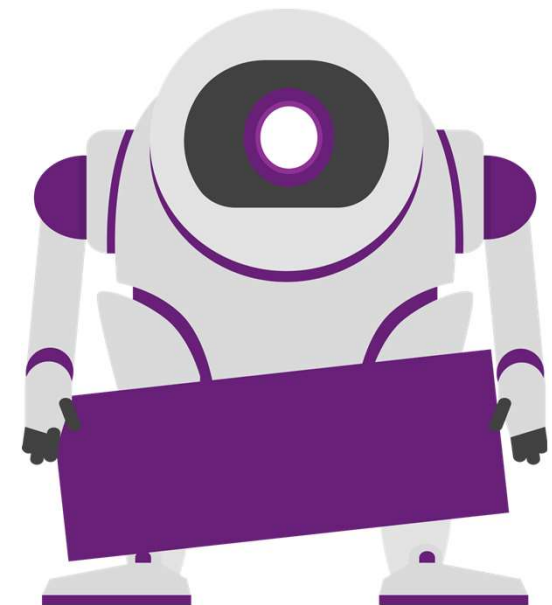
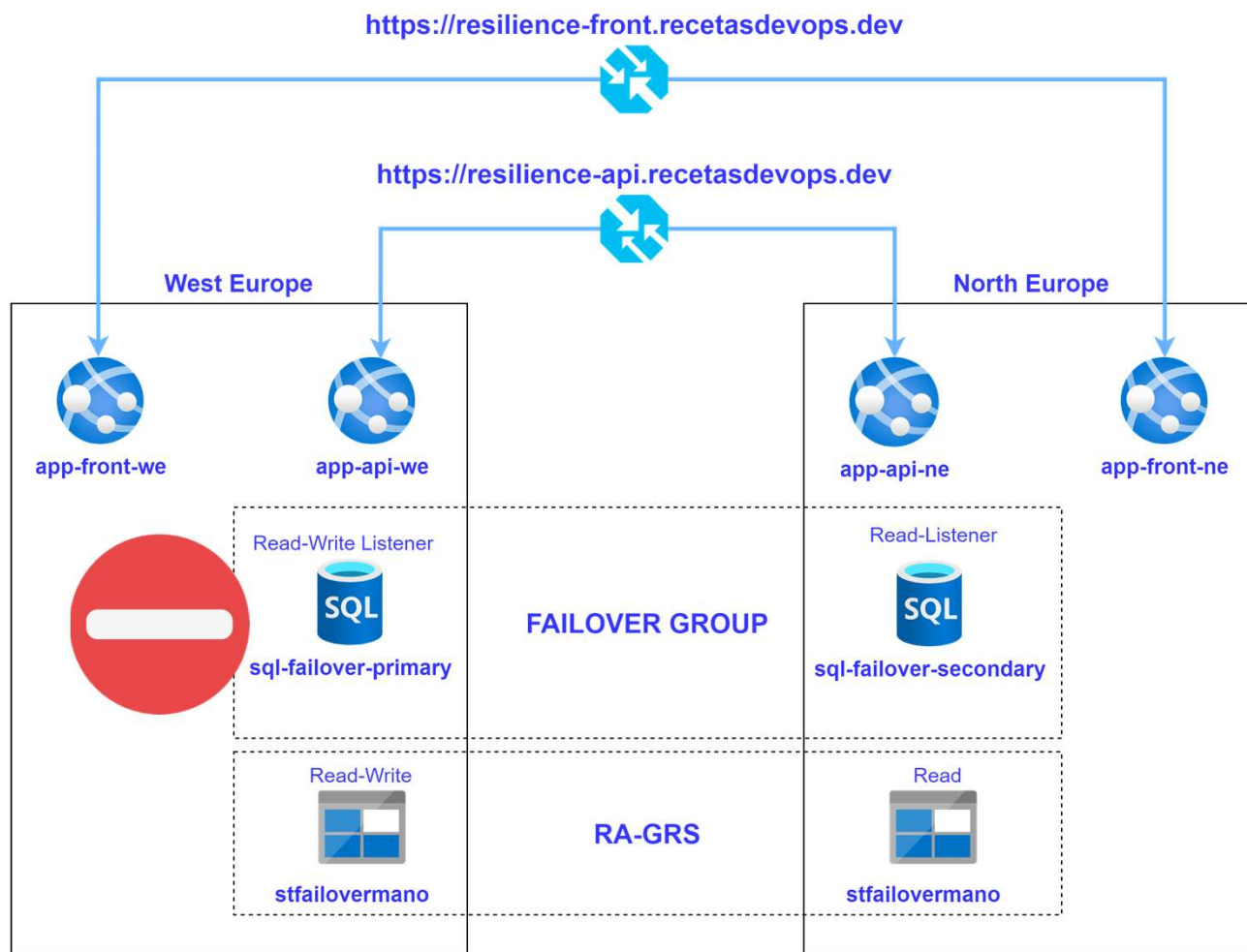


#netcoreconf

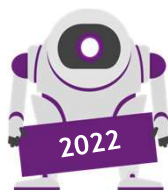
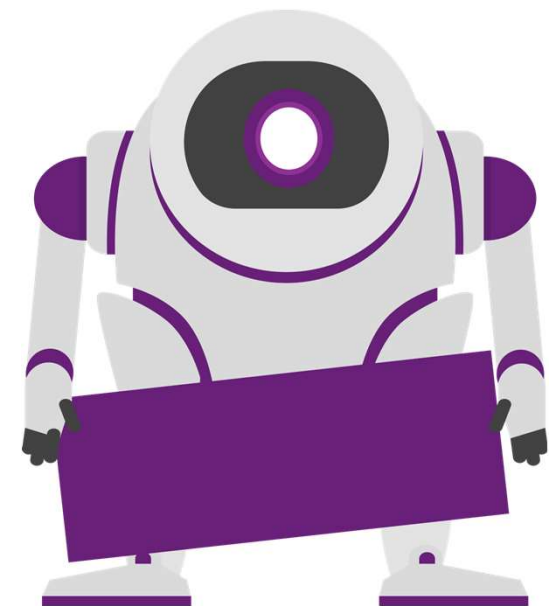
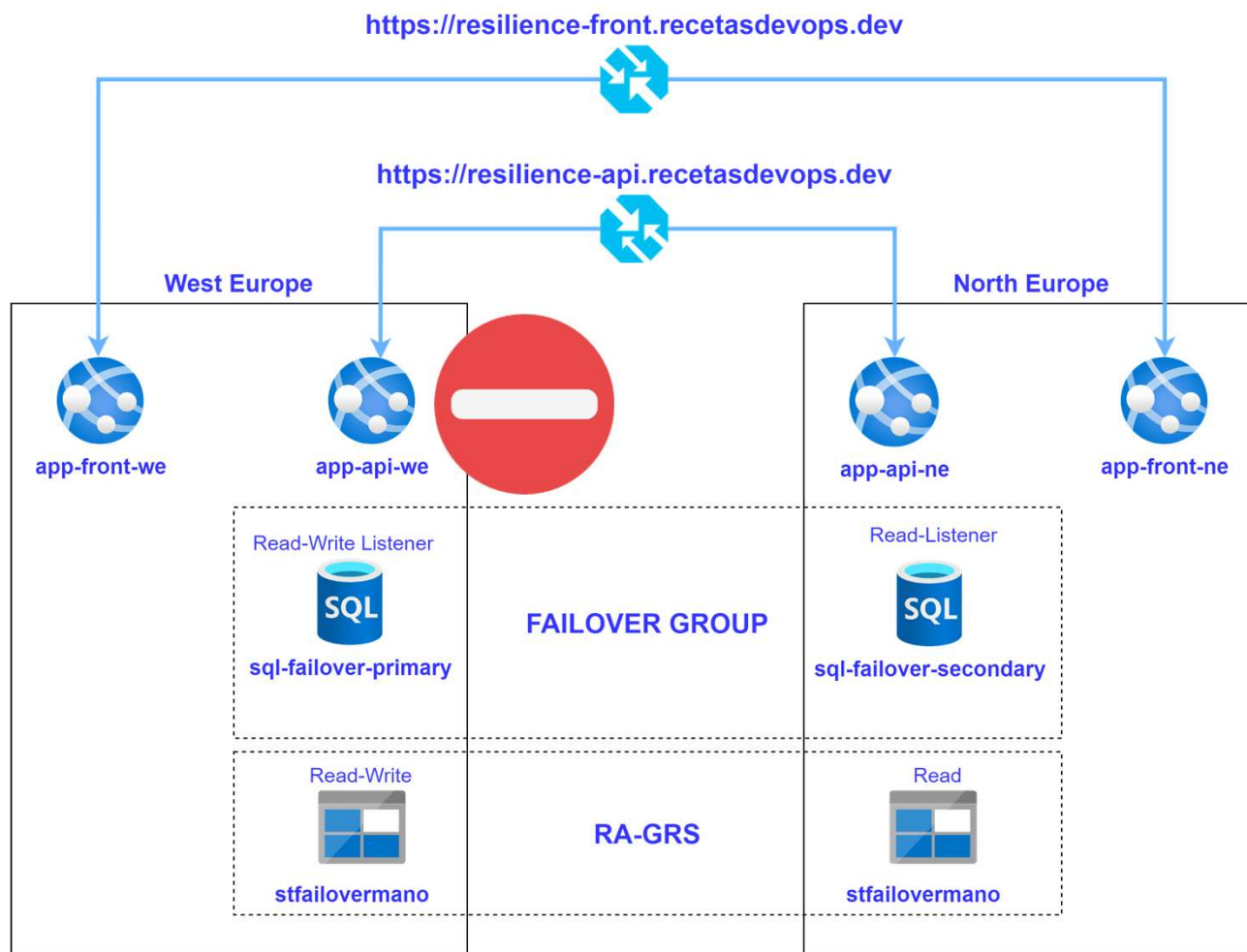




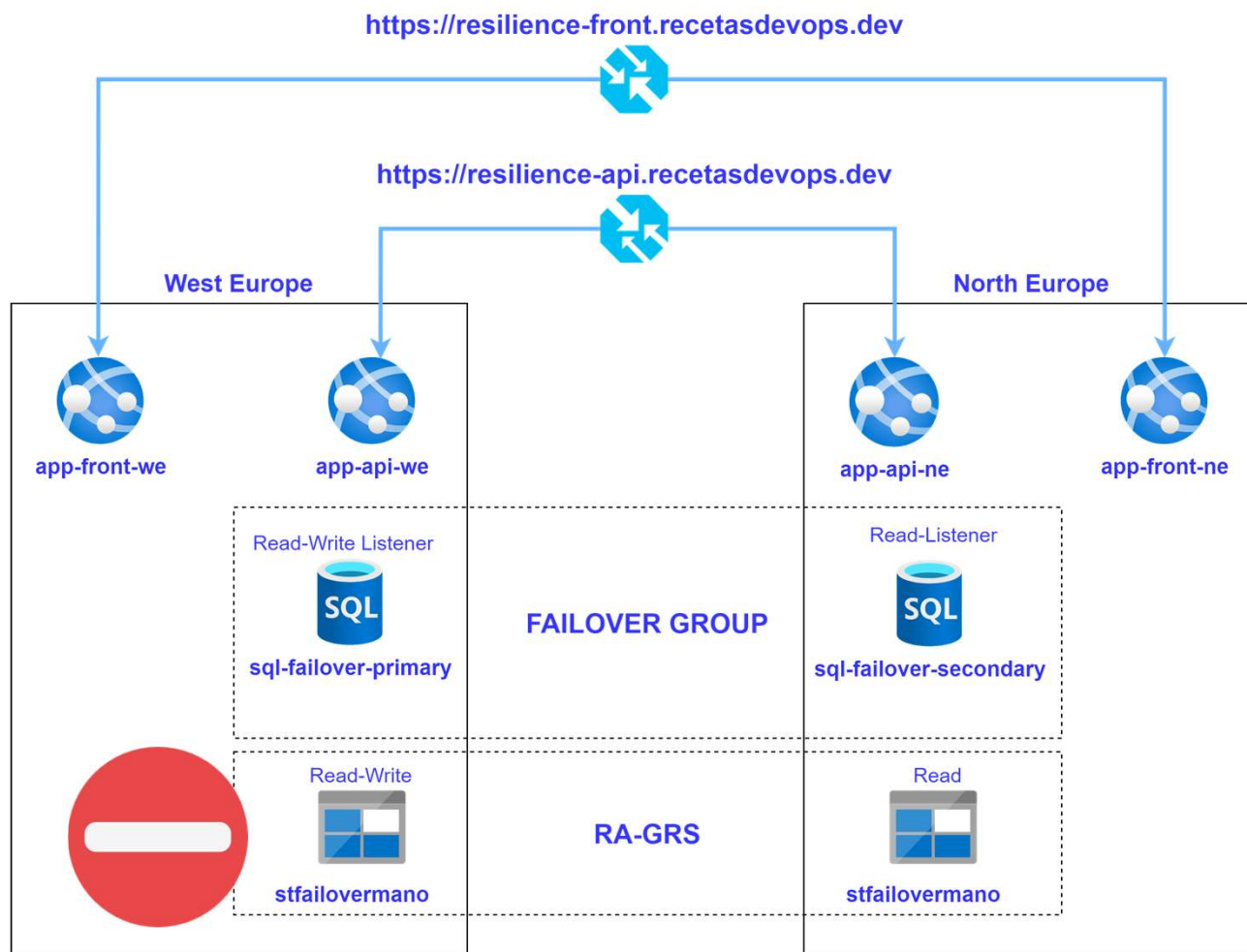
#netcoreconf



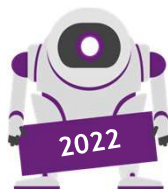
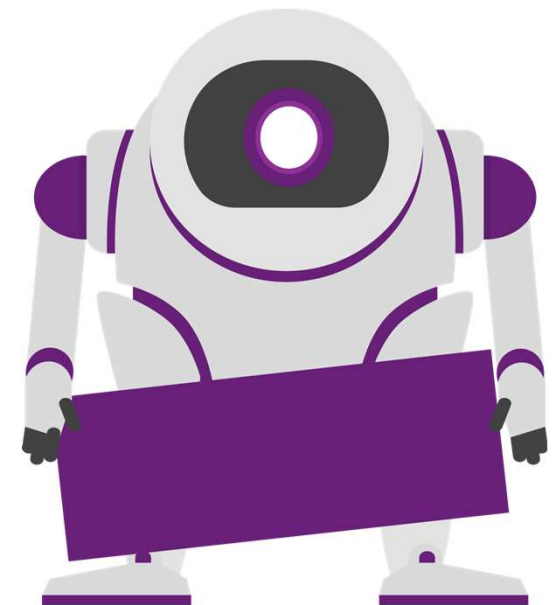
#netcoreconf



#netcoreconf

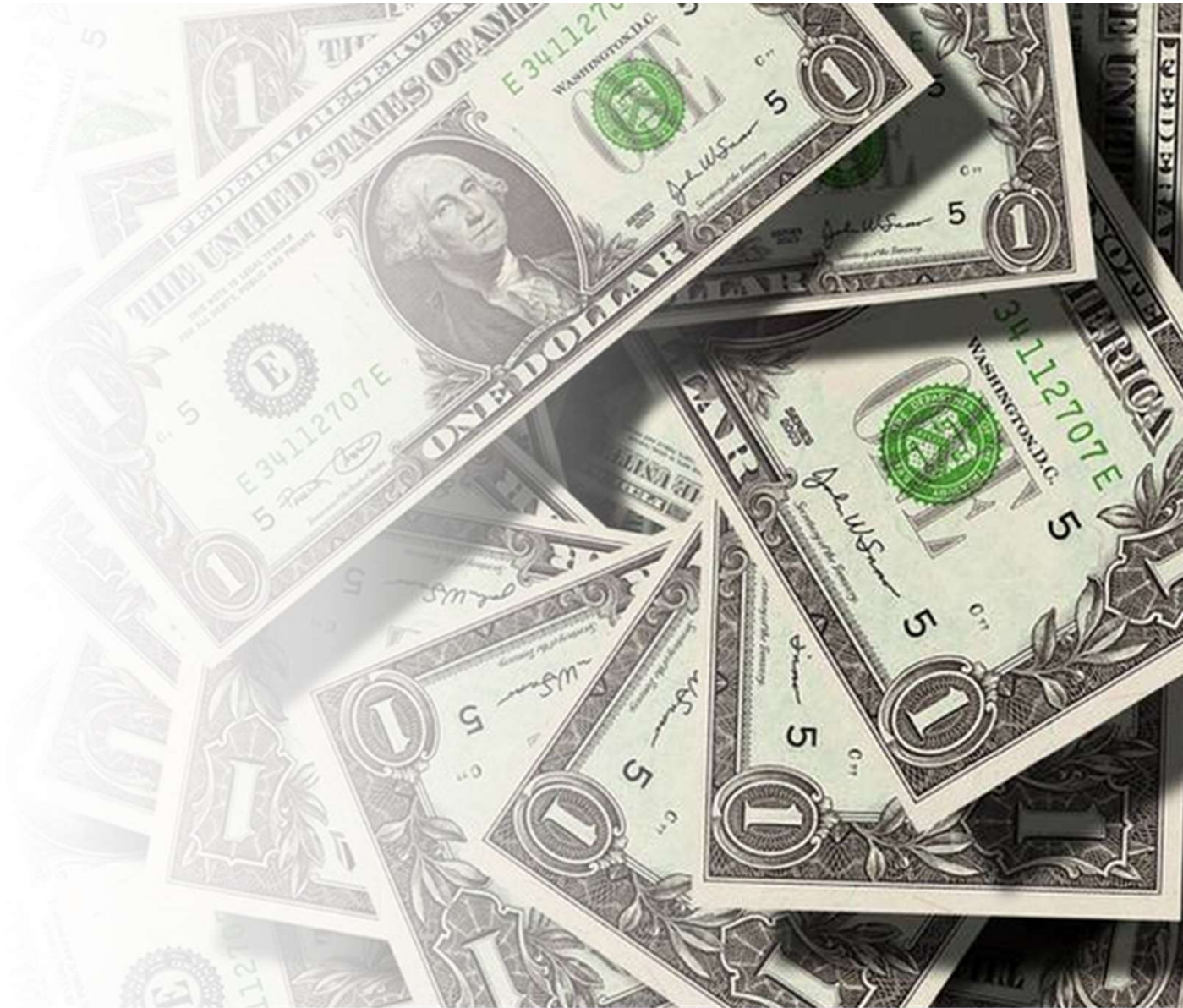


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Conclusiones

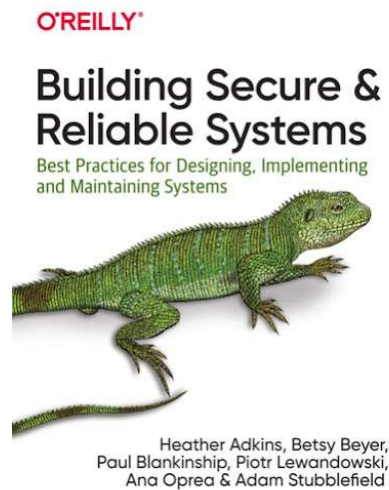
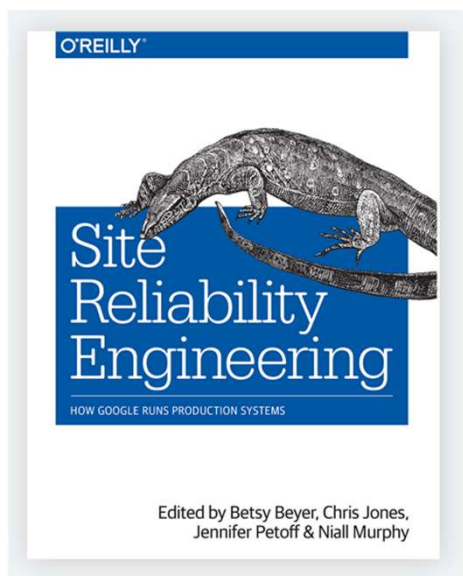
- ¡Si algo puede fallar fallará!
- High Availability desde el primer día
- No es gratis



Recursos

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- ❑ <https://github.com/nibiru-tech/netcoreconf-resilience>
- ❑ @alexmiravet
- ❑ @snavarropino



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