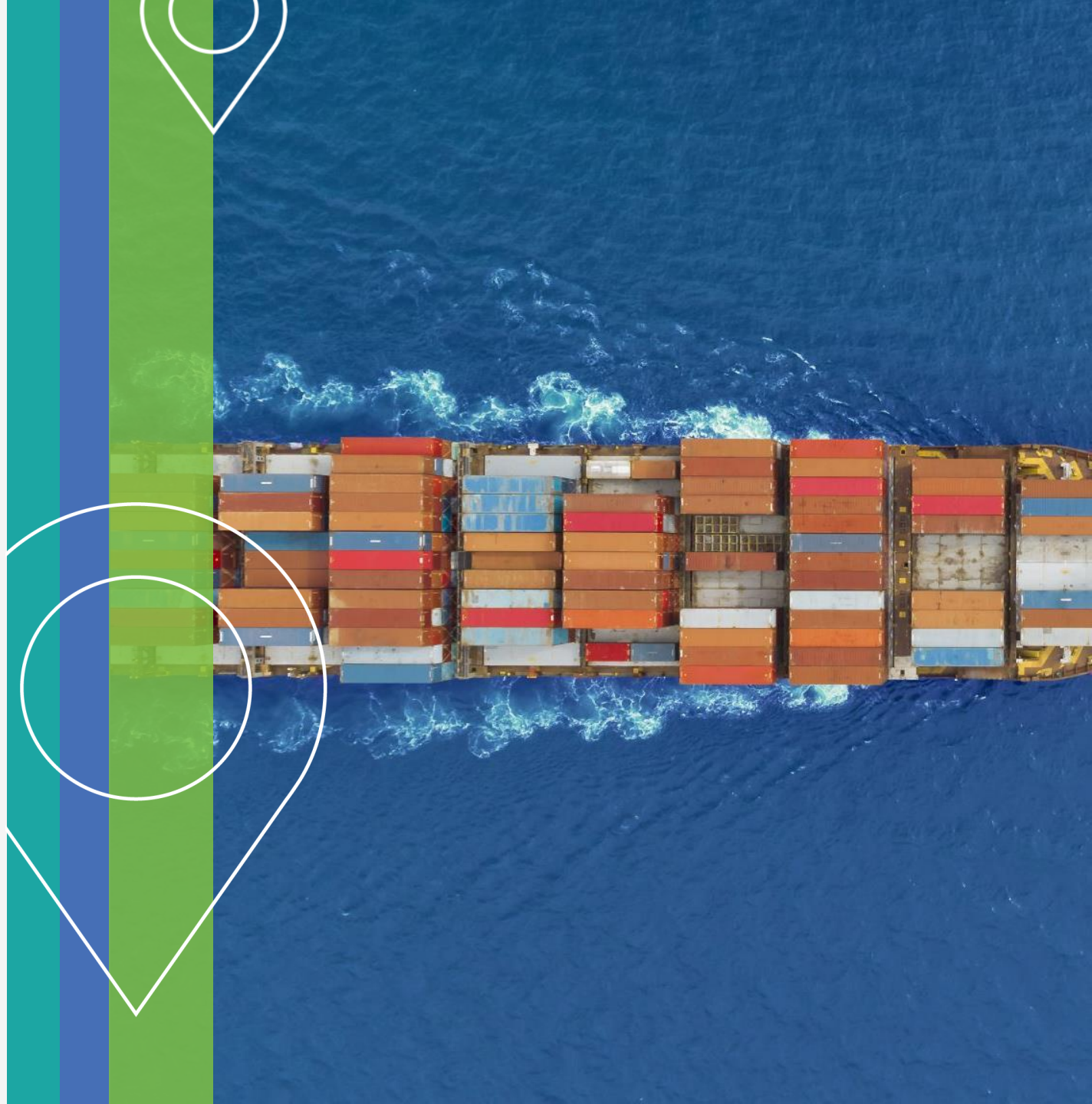


Containers & AKS

Taking Sitecore 10 to the next level

Rob Earlam
Technical Evangelist, Sitecore

Bart Plasmeijer
Senior Software Architect, DevOps, Sitecore





Rob Earlam

Technical Evangelist, Sitecore

- Software Developer, Movie Lover, Music Listener, Pizza Eater, Meat Smoker
- 14+ years of Sitecore experience
- Based in Melbourne, AU

@RobEarlam
<https://robearlam.com>



Bart Plasmeijer

Senior Software Architect, DevOps - Sitecore

- Software Architect, running guy, soccer coach, spicy food, passion for code and automation
- 13+ years of Sitecore experience
- Lives in Leusden, NL

@bartplasmeijer

What is AKS?

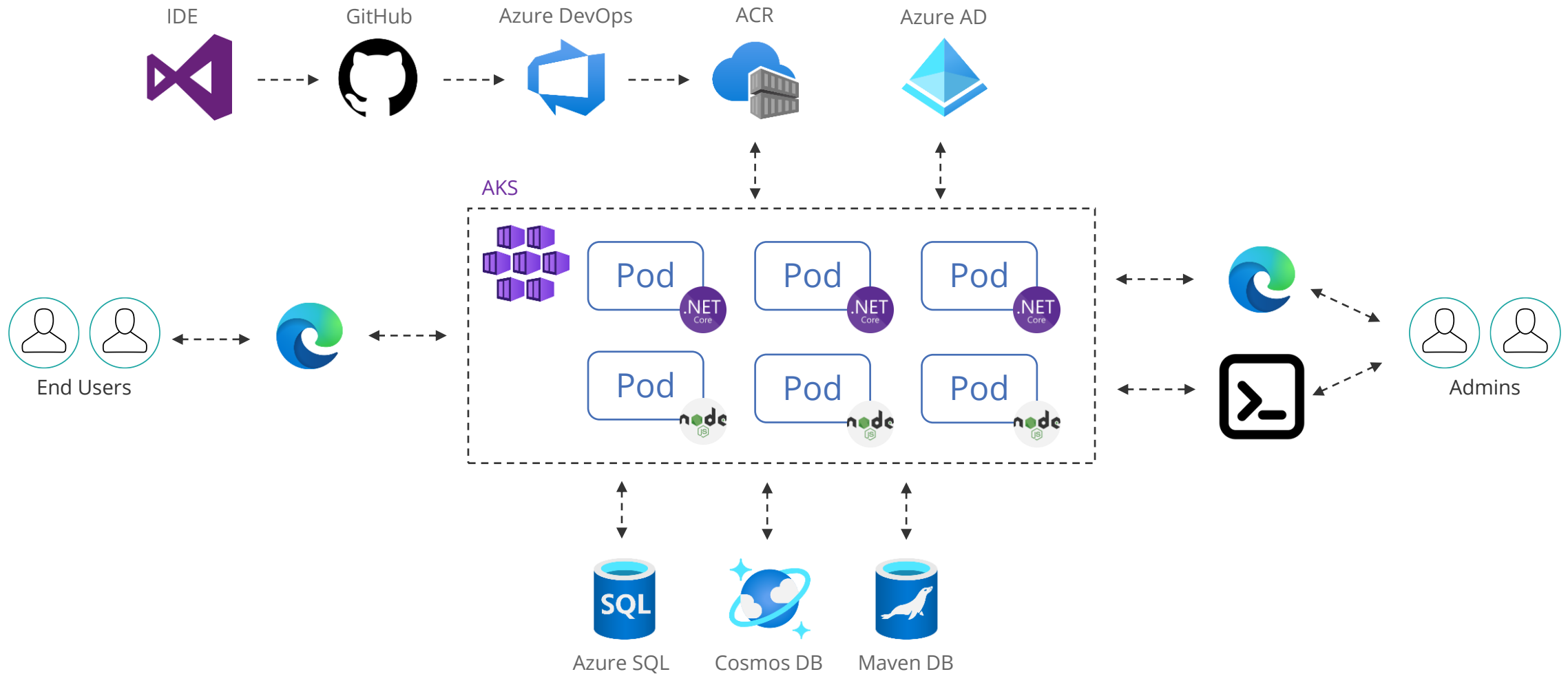




Microsoft's managed K8s service

- Elastic provisioning
- Integrated with VSCode
- Identity management through AAD
- Available in 36+ regions
- Available with both Linux & Windows nodes

How does AKS work?



Sitecore on AKS

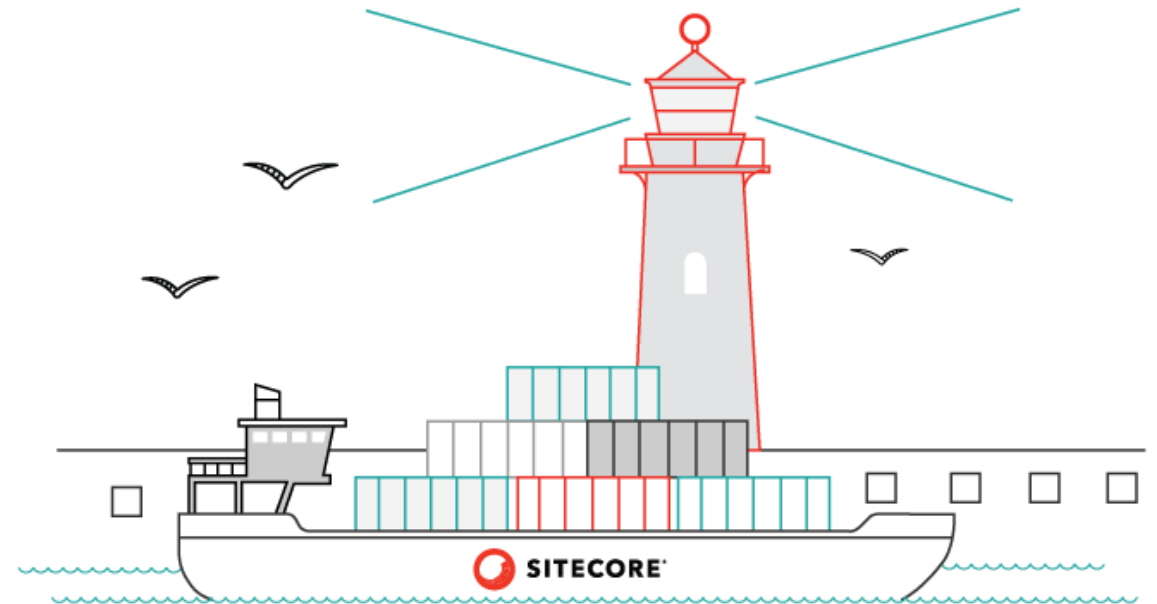


What's available?

- Full set of Kubernetes specifications
- Complete installation guide
- Available today on <https://dev.sitecore.net/>

What is and isn't supported?

- Application containers fully supported
- Data storage containers need to be in a separate Node Pool





Demo time!

Conclusion





- Leverage industry standard Kubernetes tooling
- Make use of K8s secrets – secure your applications
- Make sure you secure your cluster
- Automate builds for base image updates
- Read Microsoft's AKS best practices:
<https://docs.microsoft.com/en-us/azure/aks/best-practices>



Learning K8s

- <https://kubernetes.io/docs/tutorials/>
- <https://azure.microsoft.com/en-gb/resources/videos/the-illustrated-children-s-guide-to-kubernetes/>

Sitecore MVP Site

- OSS example showing working CI/CD pipeline for AKS
- <https://github.com/Sitecore/MVP-Site>

Demo scripts you just saw

- <https://github.com/bplasmeijer/Sitecore-Symposium-2020-Containers-AKS>



Rob Earlam

@RobEarlam



Bart Plasmeijer

@bartplasmeijer

Thank you

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#SitecoreSYM

**MOMENTS
THAT MAKE
EXPERIENCES**

