

Multi-Cloud Deployments with GitHub Actions

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Project Background



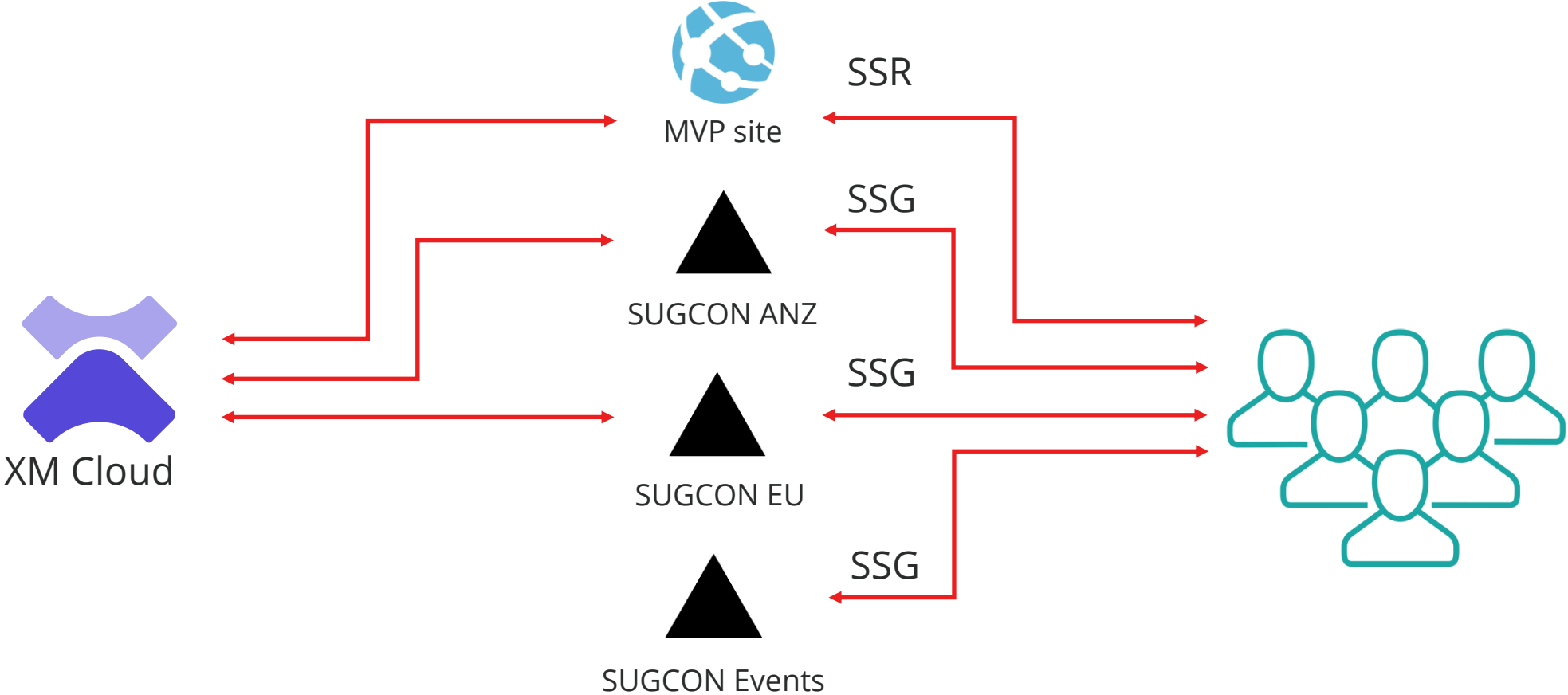
- Monolith 1 – Azure WebApps
 - SUGCON Events
 - SUGCON ANZ
- Monolith 2 – AKS
 - MVP Site – including application
 - SUGCON EU

- One set of infrastructure powered by XM Cloud
 - All SUGCON sites
 - All MVP functionality
- Migration complete to our target “long-term architecture”



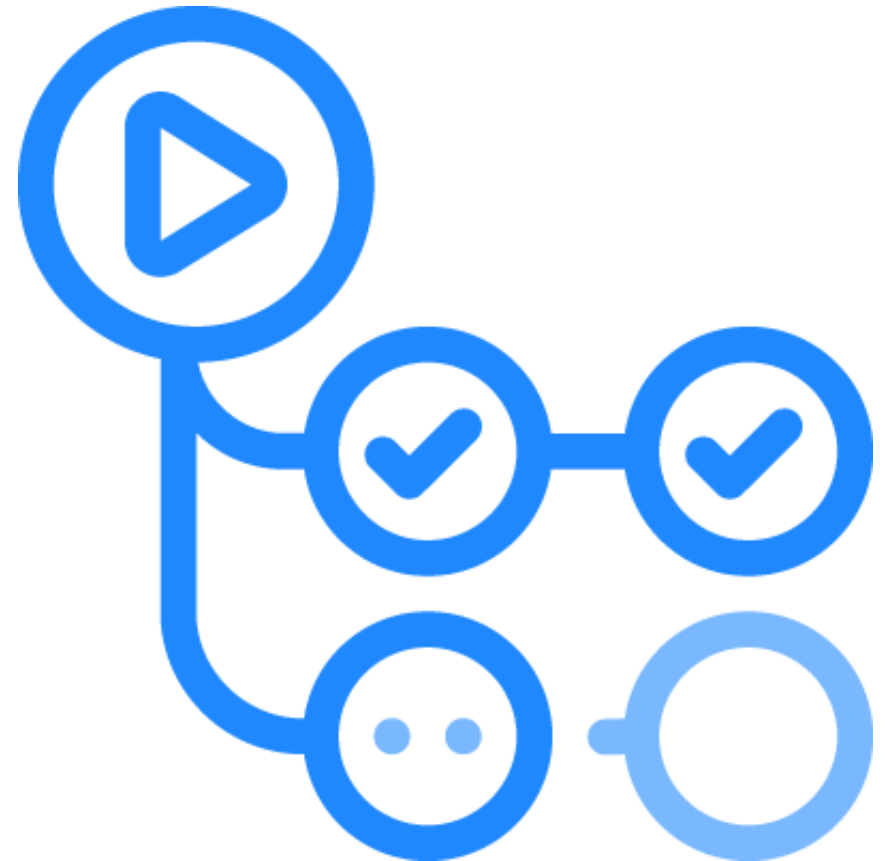
Deployment flow

High-level architecture



SSG: Static Site Generation
SSR: Server-Side Rendering

- Built using GitHub actions
- Started with single pipeline — too inefficient!
- Split pipeline out by target system
 - *CI-CD_XM_Cloud.yml*
 - *CI-CD_MVP.yml*
 - *CI-CD_SUGCON_EU.yml*
 - *CI-CD_SUGCON_ANZ.yml*
- Reusable workflows for common actions




- GitHub Actions is super flexible!
- Code reuse in your templates matters!
- Checkout our repository to see it in action
 - <https://github.com/Sitecore/XM-Cloud-Introduction>

Thank you

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