Collaboration is Important for Admission Webhooks in Service Meshes

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github.com/alpeb/servicemeshcon-2019

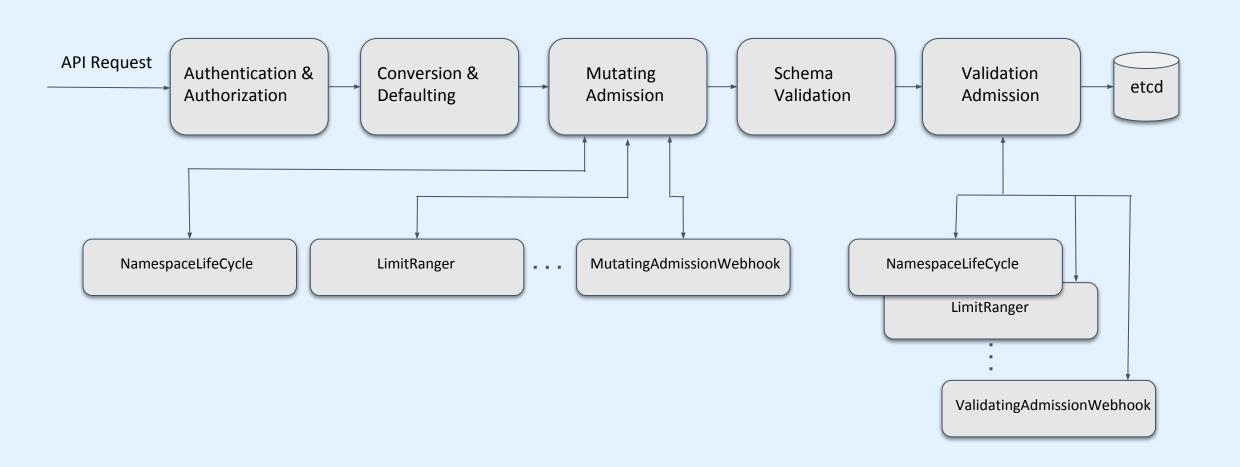


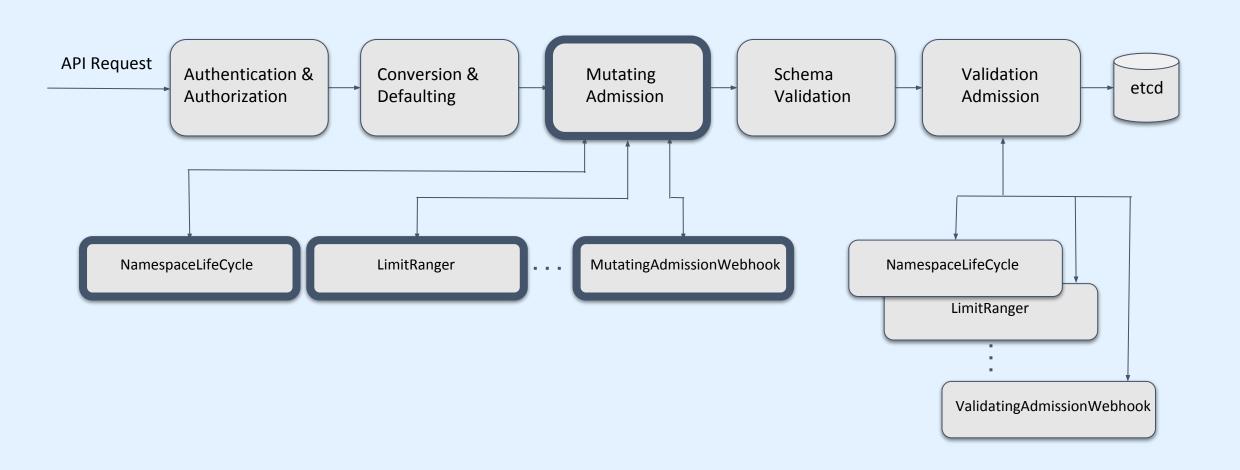


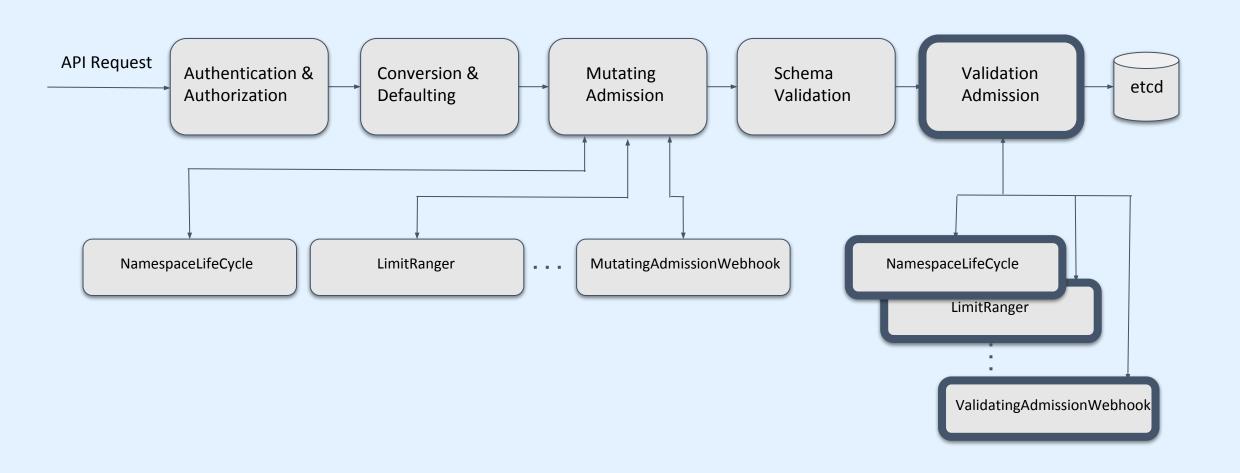


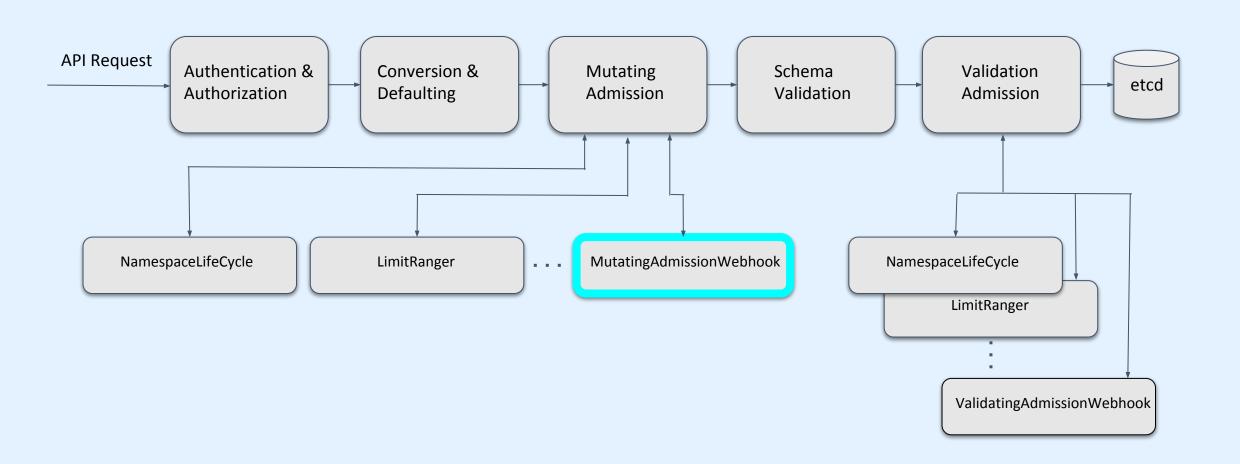
Admission Webhooks are Great!

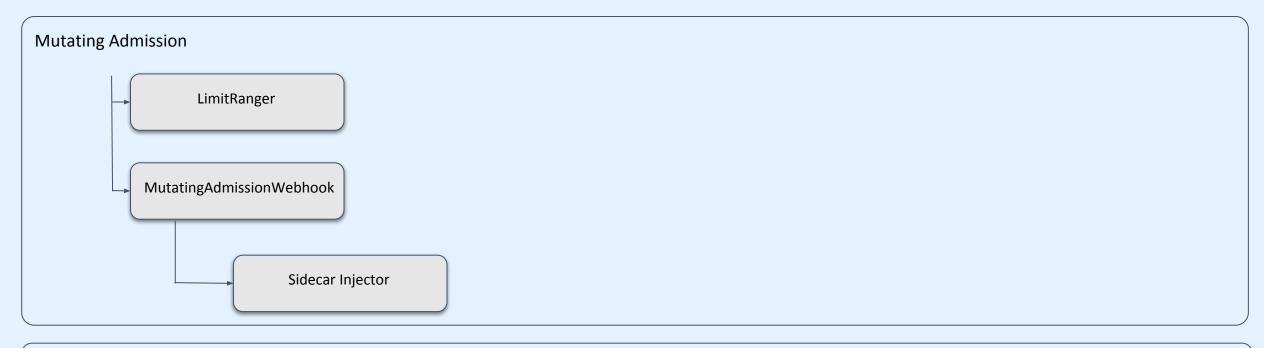
- Validation, Policy, Injection
- Sidecar proxy injection in Linkerd
- There are caveats

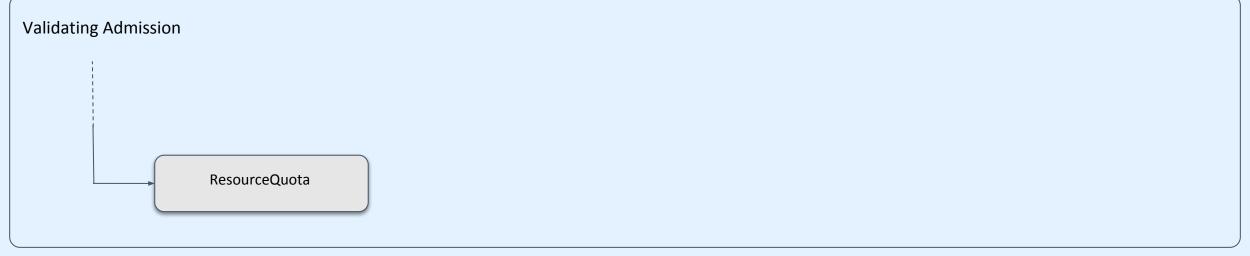




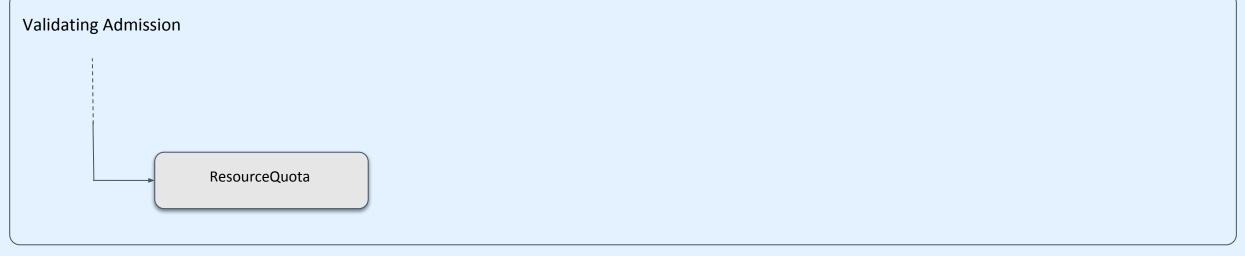




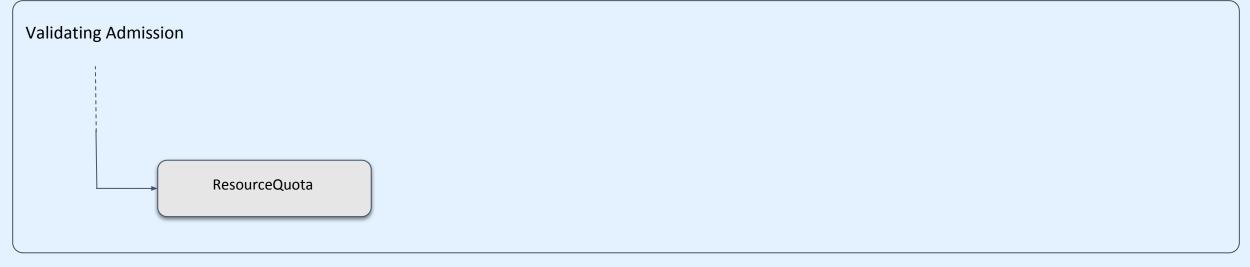


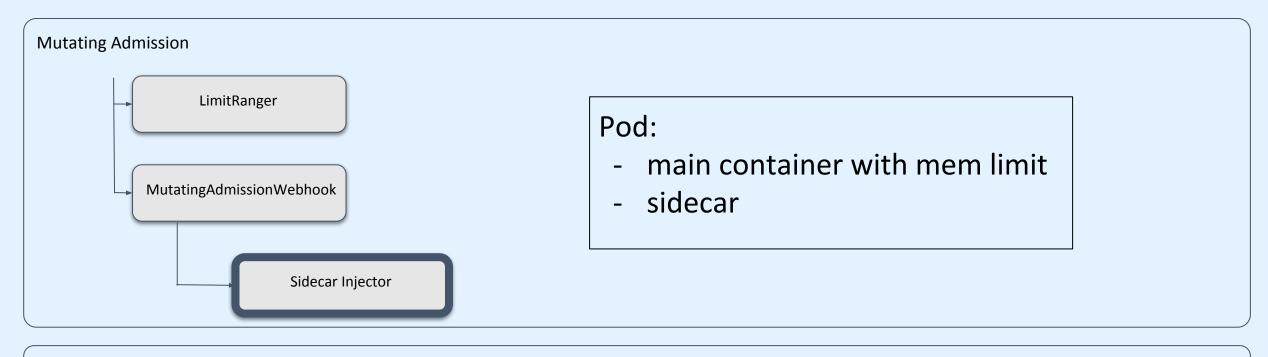


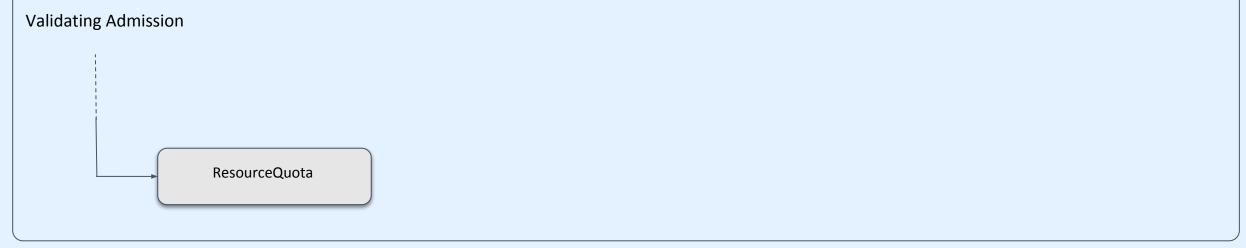


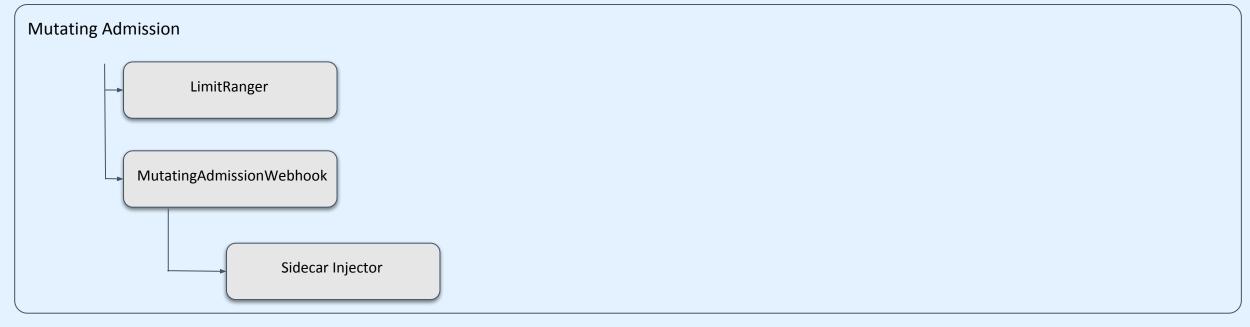




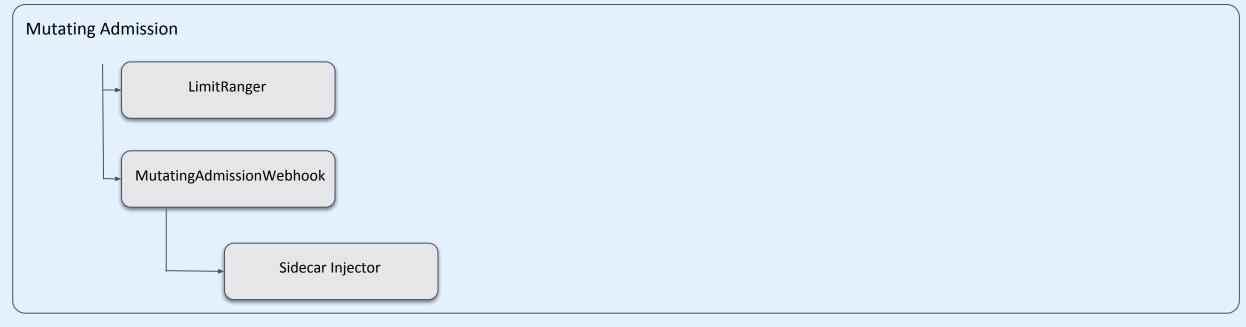


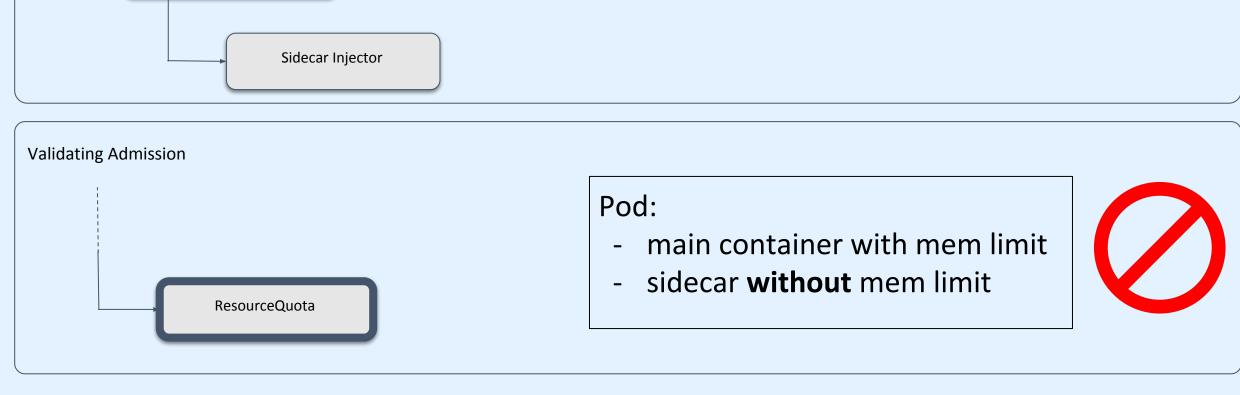




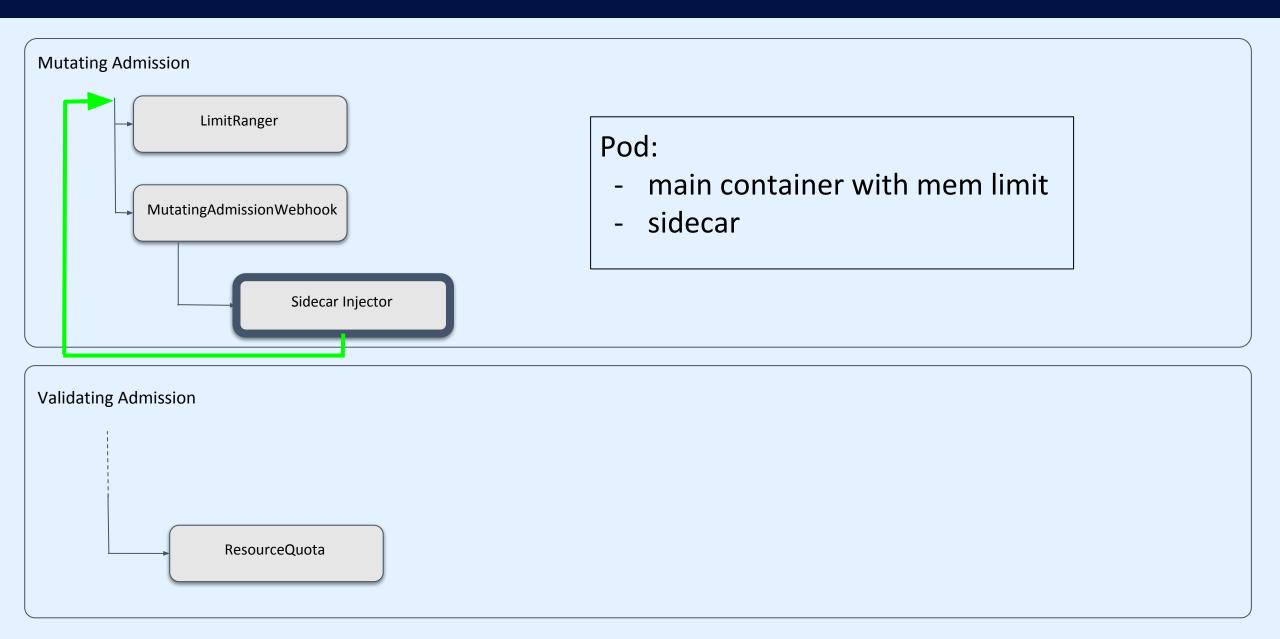




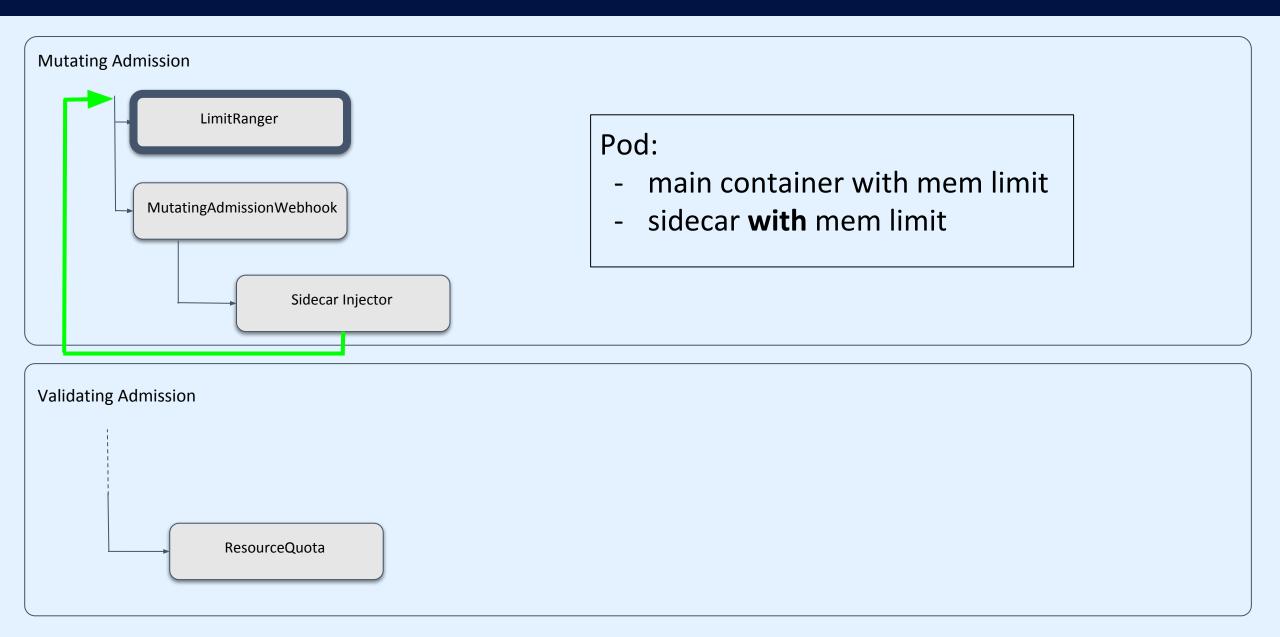




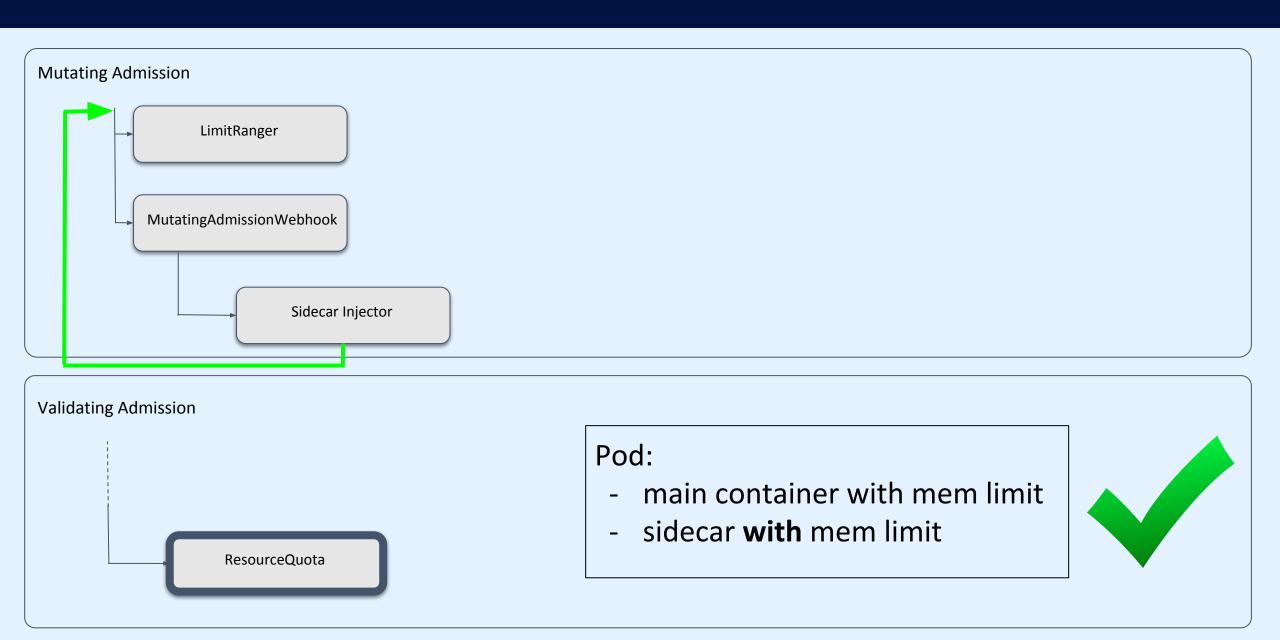
Admission Workflow After 1.15



Admission Workflow After 1.15



Admission Workflow After 1.15



Sidecars Lifecycle Issue

- When pod shuts down, proxy might already be gone
- 1.18: lifecycle.type: Sidecar
- preStop hook in sidecar

Sidecar Lifecycle Admission Webhook



Summary

- After 1.15: no more surprises with webooks
- ReinvocationPolicy property
- After 1.18: sidecar



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