Polly in .NET Core 2.1 and the HttpClientFactory

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HttpClient

Instance Per Request

Socket exhaustion

Single Instance

DNS out of date

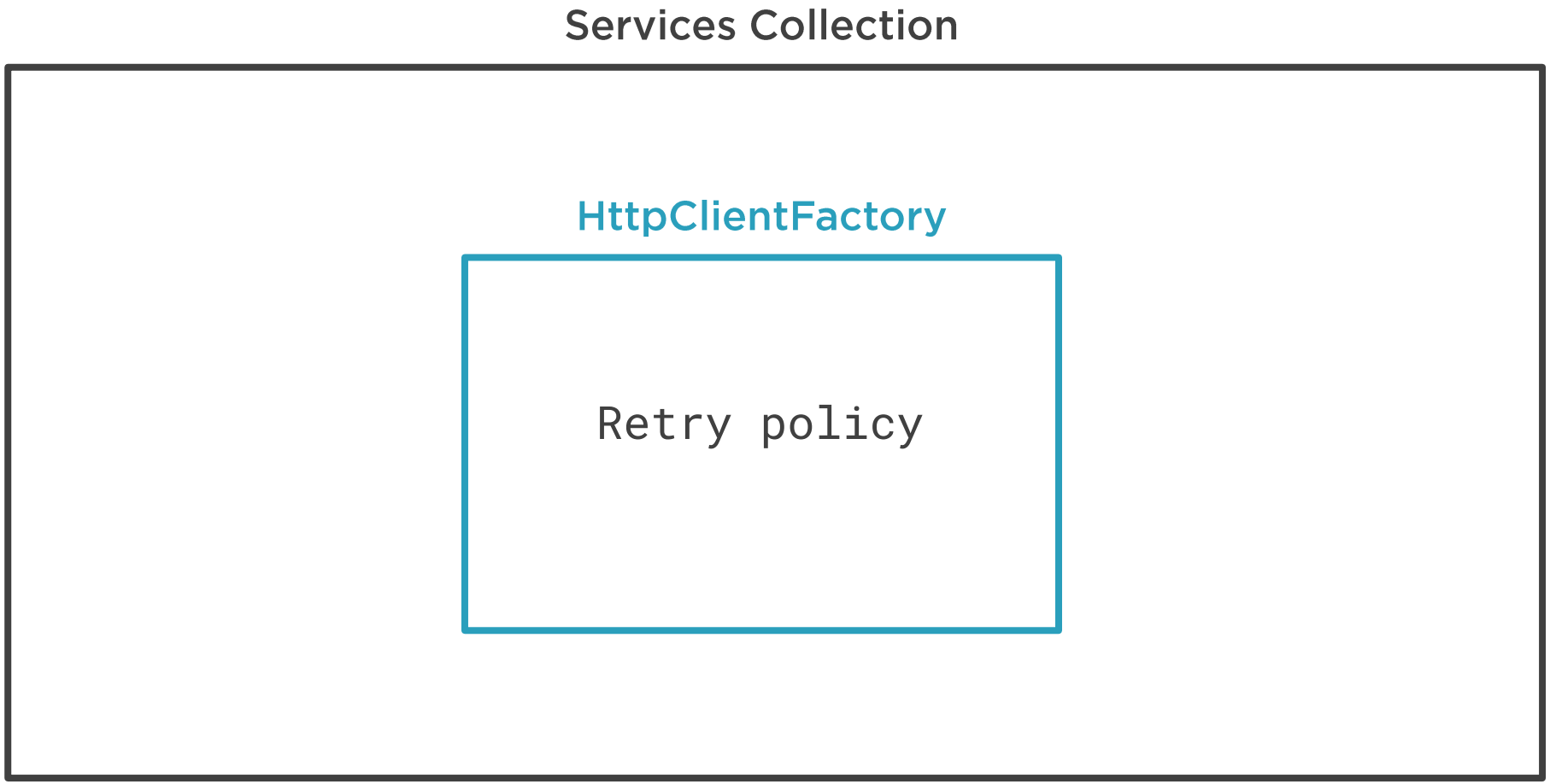
HttpClientFactory

.NET Core 2.1

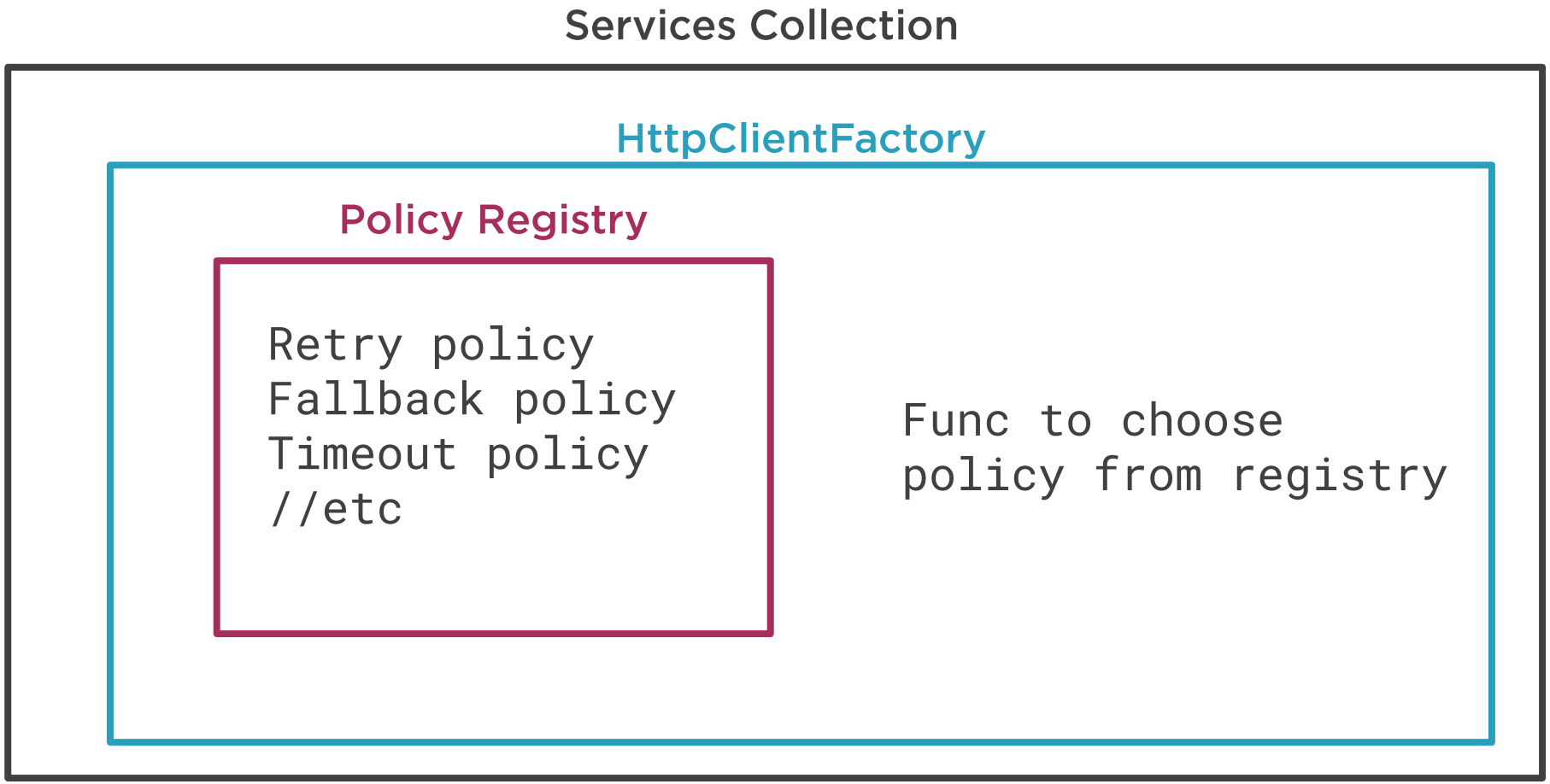
Pools HttpClientHandler for reuse

DNS refreshed

HttpClientFactory and a Single Policy



The HttpClientFactory and the Polly Registry



Summary

- Shortcomings of HttpClient
- HttpClientFactory
- Policy and Policy Registry
- Updated Recommendation