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DNS out of date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

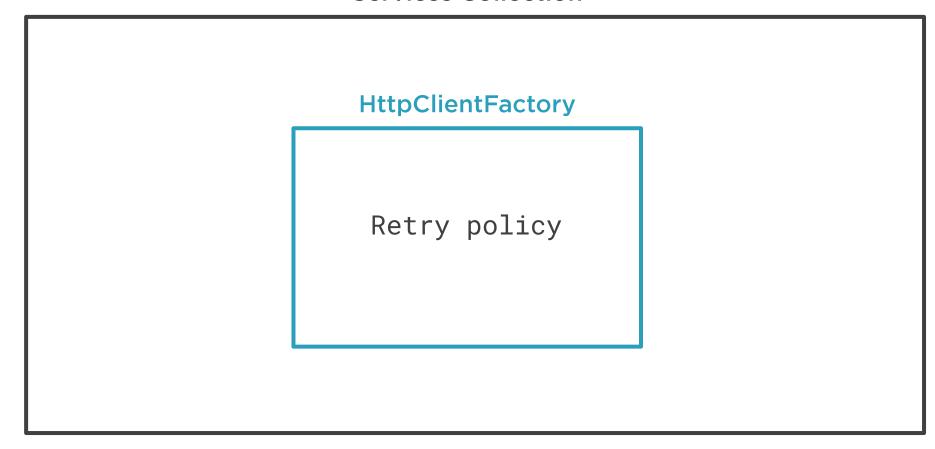
Pools HttpClientHandler for reuse

DNS refreshed



HttpClientFactory and a Single Policy

Services Collection





The HttpClientFactory and the Polly Registry

Services Collection

HttpClientFactory

Policy Registry

Retry policy Fallback policy Timeout policy //etc

Func to choose policy from registry

Summary



Shortcomings of HttpClient
HttpClientFactory

Policy and Policy Registry

Updated Recommendation

