

ASP.NET CORE RATE LIMITING VS. POLLY IN .NET 8: WHICH ONE SHOULD YOU CHOOSE?

RATE LIMITING VS POLLY



With .NET 8, ASP.NET Core now has built-in rate limiting, making it easier than ever to limit requests directly within the ASP.NET Core pipeline. At the same time, Polly remains a highly popular and flexible resilience library. Here's a quick look at the benefits of each and how to choose.

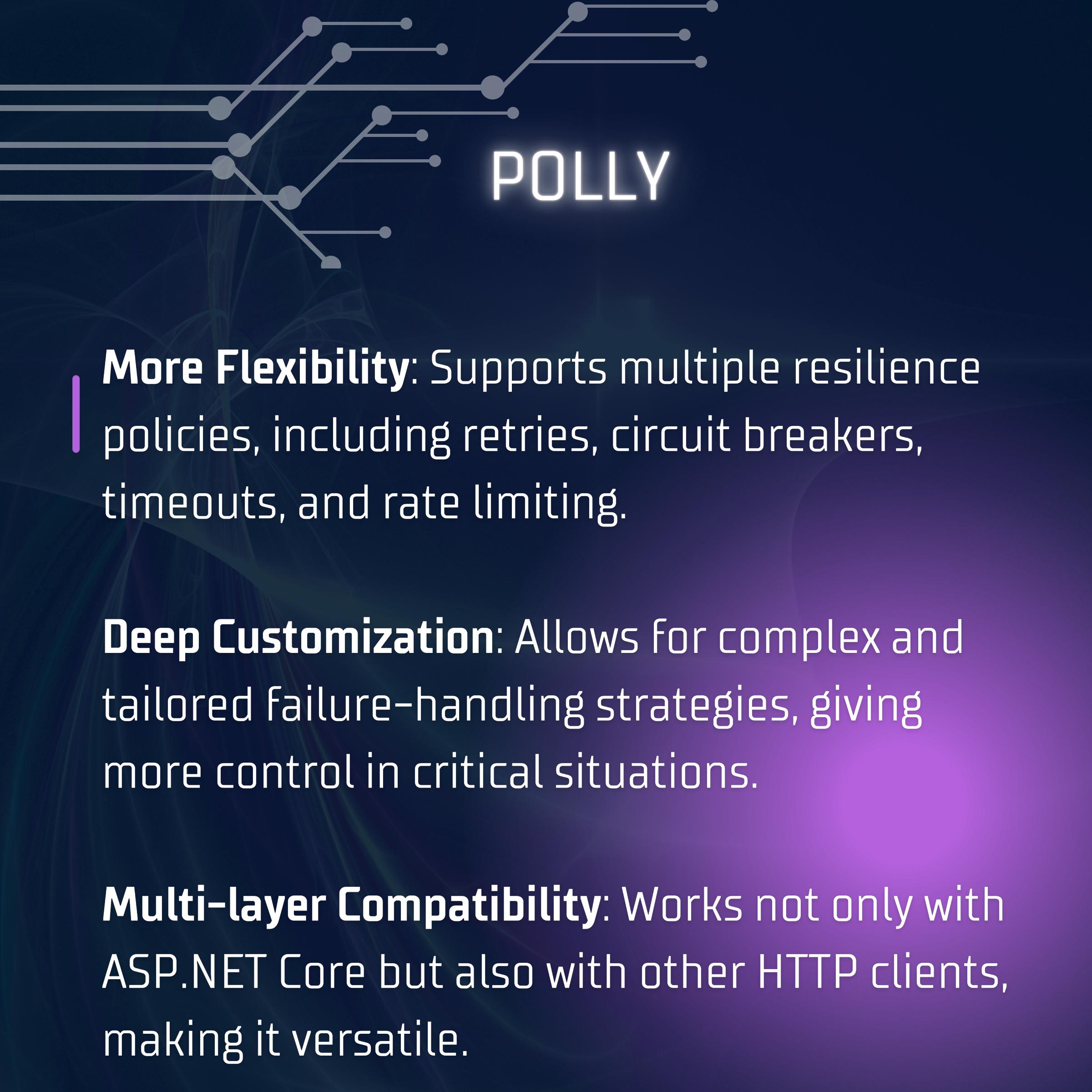


ASP.NET CORE RATE LIMITING

Performance Boost: Natively integrated with ASP.NET Core, it offers high performance and efficiency.

Simple Setup: Easy to configure directly in the pipeline, without extra dependencies.

Improved Security: Provides control over requests by IP, user, or route, helping to protect APIs from overload and abuse.



POLLY

More Flexibility: Supports multiple resilience policies, including retries, circuit breakers, timeouts, and rate limiting.

Deep Customization: Allows for complex and tailored failure-handling strategies, giving more control in critical situations.

Multi-layer Compatibility: Works not only with ASP.NET Core but also with other HTTP clients, making it versatile.



FINAL COMPARISON

If you're looking for a quick, lightweight solution integrated into .NET 8, ASP.NET Core Rate Limiting is a great choice. But if your app needs full resilience and advanced failure control, Polly's flexibility and adaptability across different scenarios make it unbeatable.

What did you think? Leave a comment! 