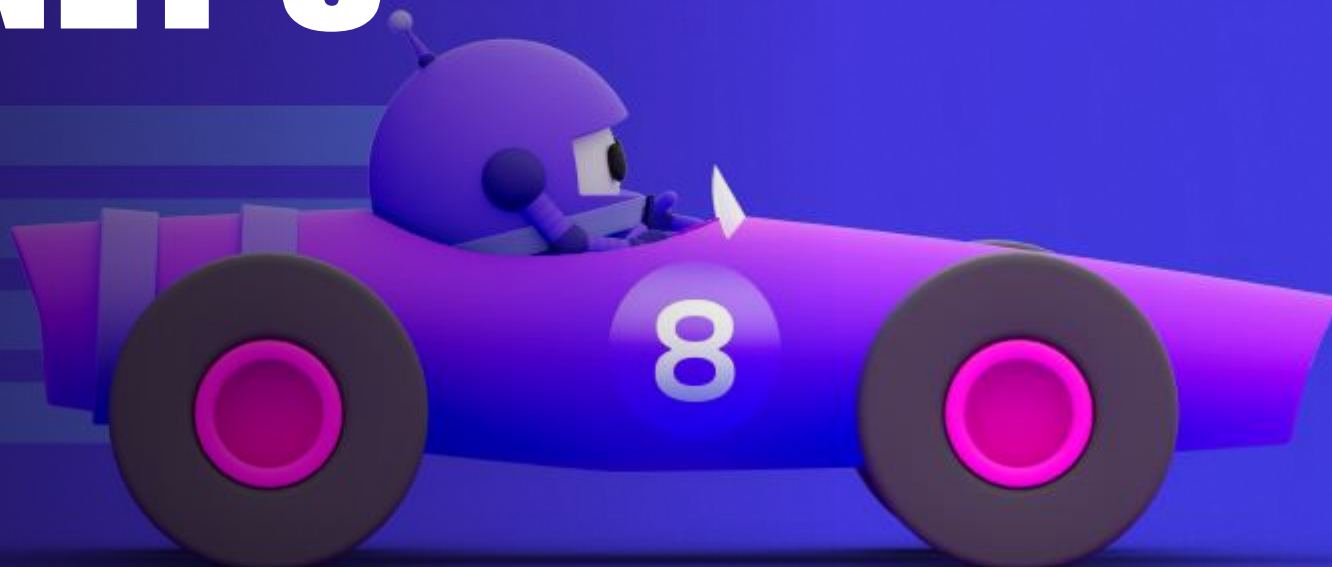
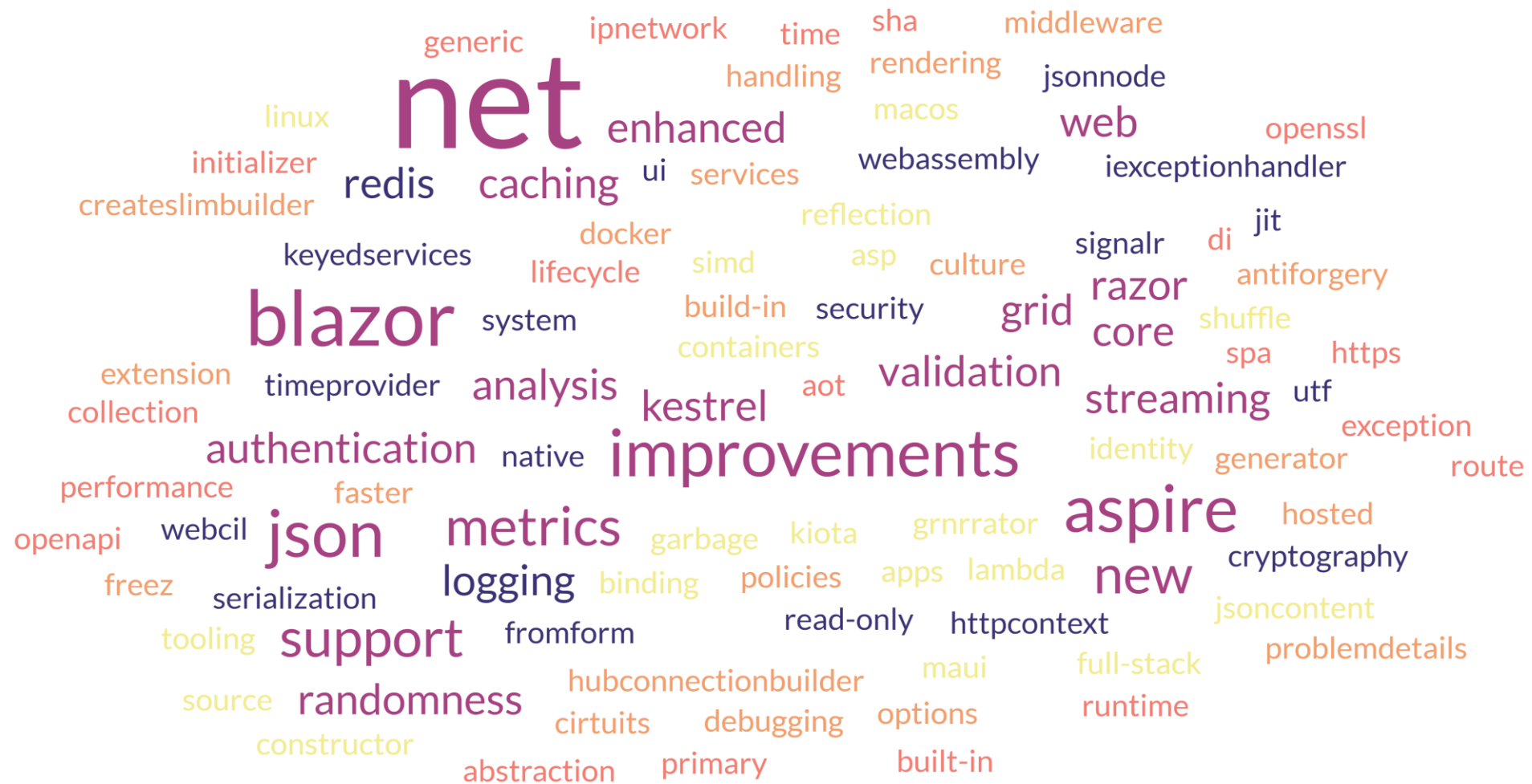


# Čo nové prináša .NET 8 LTS?



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**.NET 6**

Nov 2021

**.NET 7**

Nov 2022

**.NET 8**

Nov 2023

May 2024

**.NET 9**

Nov 2024

**.NET 10**

Nov 2025

Latest release



**LONG TERM SUPPORT**  
Patches for 36 months



**STANDARD TERM SUPPORT**  
Patches for 18 months

# Ahead-of-time compilation (AOT)

Name	Status	Mean	StdDev	StdErr	Min	Median	Max	P95	P90	Outliers
Default	Passed	246.0139ms	8.1801ms	0.8925ms	231.9194ms	245.2298ms	262.8834ms	260.4047ms	258.7972ms	16 {1.3}

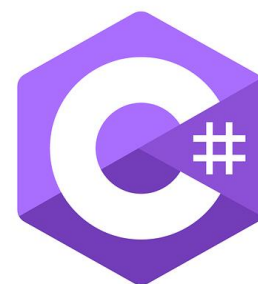
Name	Status	Mean	StdDev	StdErr	Min	Median	Max	P95	P90	Outliers
Default	Passed	60.1602ms	0.8122ms	0.0902ms	58.8686ms	60.147ms	61.9974ms	61.5857ms	61.3722ms	19 {0.4}

# Silver bullet?

- Výrazne rýchlejší štart
  - AZURE Functions
  - AWS Lambda
  - Kontajnerizácia
  - ...
- Menší disk footprint
- Nie je to ľahké zapracovať
  - miestami nemožné
- Trimming is prerequisite
- Kód generovaný pre špecifickú platformu
- JIT vykonáva rôzne optimalizácie
  - môže mať novšie / lepšie inštrukcie
  - PGO optimalizácie



.NET



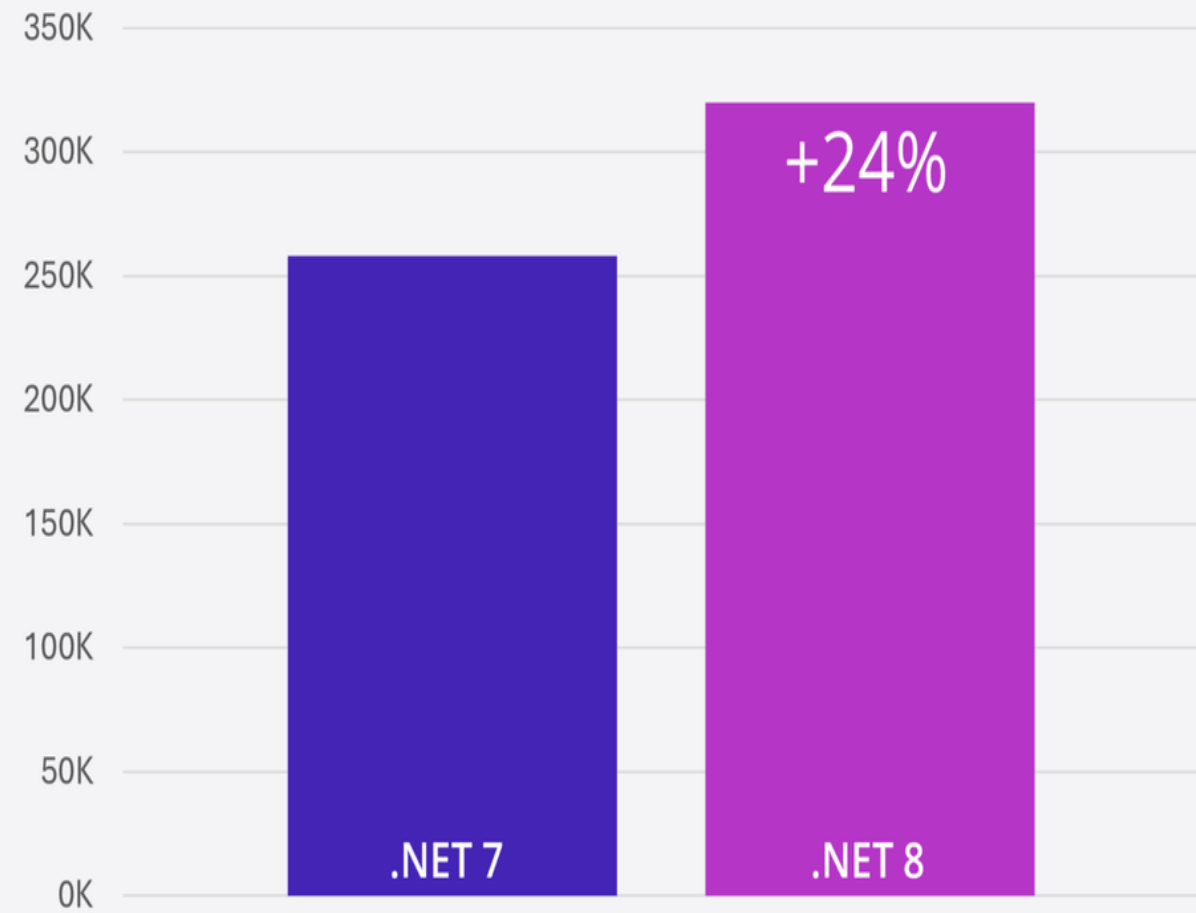
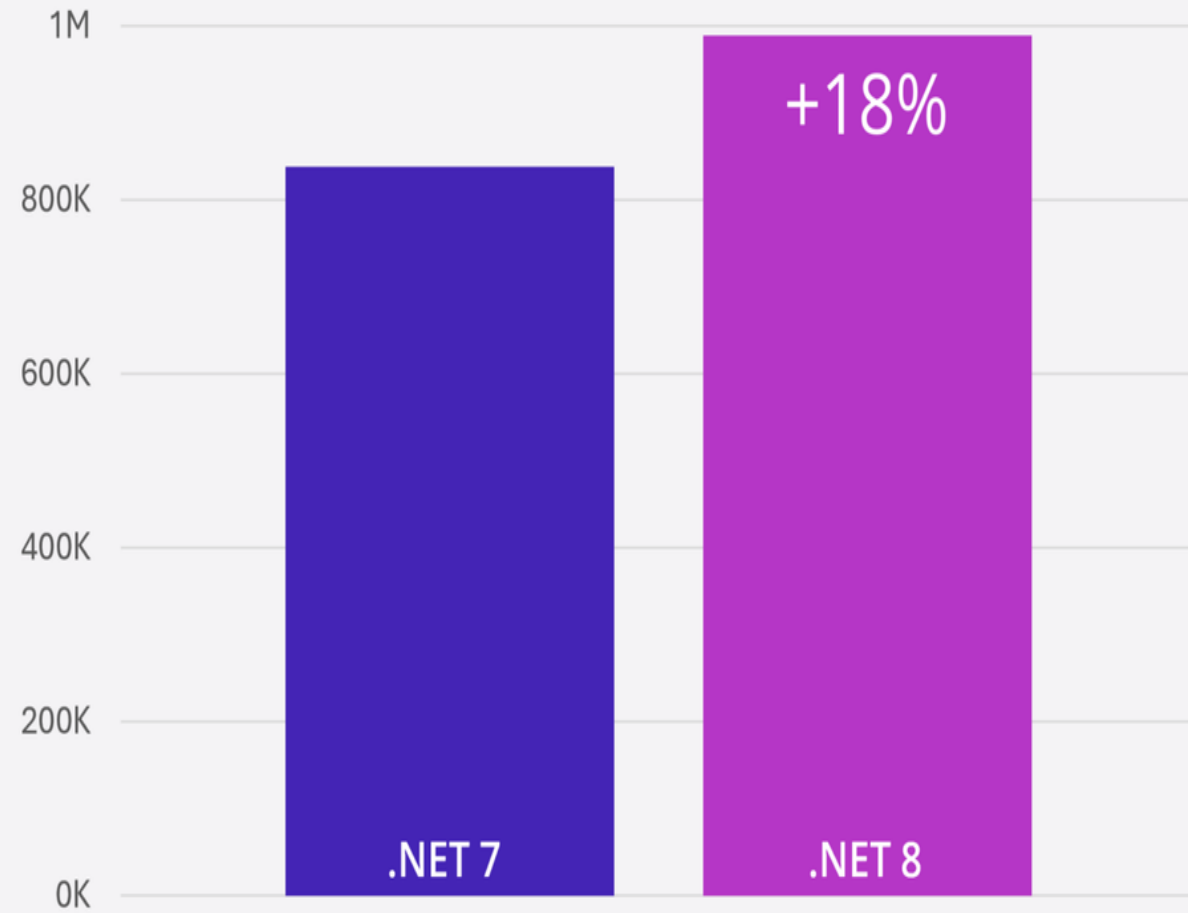
ASP.NET Core



JSON

*TechEmpower*

Fortunes



Requests per Second (higher is better)

Source: [aka.ms/aspnet/benchmarks](https://aka.ms/aspnet/benchmarks)

[www.kros.sk](http://www.kros.sk)

# KROS DEV MEETUP

