■ Node.js 20 vs Node.js 22 – Interview Cheat Sheet

Key Highlights of Node.js 22

■■ Upgraded V8 Engine to v12.4 – faster execution, new JS features like Array.fromAsync().

■ Built-in WebSocket Client – native browser-style API, no need for external libraries.

■ fetch() API Fully Stable – browser-like data fetching built into Node.

■ Improved Permission Model – restrict FS, network, and env variable access for security.

■ fs Enhancements – added fs.glob() / fs.globSync(), pattern matching made easy.

■ Stream Performance – default buffer increased (~16 KB → 64 KB).

■ ESM/CommonJS Interop – smoother hybrid support during migrations.

■ Watch Mode Stable – auto-restart feature for developers now production-ready.

■ Performance – faster startup, optimized async & AbortSignal handling.

■ Node.js 20 vs Node.js 22 – Feature Comparison

Feature	Node.js 20	Node.js 22
V8 Engine	v11.x	v12.4 (faster, new JS features)
WebSocket Client	Not available	■ Built-in & stable
fetch() API	Stable	■ Fully optimized
Permission Model	Experimental	■ Improved with granular flags
fs Module	No glob()	■ fs.glob() / fs.globSync() added
Stream Buffer	~16 KB	■ ~64 KB (better performance)
Watch Mode	Experimental	■ Stable
ESM/CJS Interop	Limited	■ Smooth hybrid support
Security Defaults	Older TLS	■ Stronger cryptography
Performance	Good	■ Optimized async, memory usage

■■ Interview Tip:

“Node.js 22 focuses on speed, security, and modern developer experience — upgraded V8 12.4 engine, built-in fetch & WebSocket APIs, improved permission model, fs.glob(), and stable watch-mode make it ideal for full-stack and enterprise environments.”