From: Technical Architecture Team [tech.architecture@amazon.com](mailto:tech.architecture@amazon.com" \t "/Users/trl/Documents\\x/_blank)​

To: Luke Anderson [luke.anderson@amazon.com](mailto:luke.anderson@amazon.com" \t "/Users/trl/Documents\\x/_blank)​

Subject: Re: Inquiry about Upgrading the Backend Architecture for Product Catalog Service​

Dear Luke,​

Thank you for bringing up the important topic of architecture upgrade. We appreciate your initiative in identifying the performance issues and exploring potential solutions.​

We agree that migrating to a microservices architecture could address the scalability concerns, but it does come with its own set of challenges, such as increased complexity in service communication and data consistency management. We’d be happy to schedule a meeting next week to dive deeper into these aspects.​

On a related note, our team has also been looking into improving the development tools available to SDEs. We’re considering introducing a new code profiling tool that could help you identify performance bottlenecks more efficiently during the development process. Would you be interested in participating in the beta testing phase and providing feedback?​

Please let us know your availability for the architecture meeting, and we’ll finalize the details.​

Best regards,​

Technical Architecture Team