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

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

Dear Technical Architecture Team,​

I hope this email finds you well. I’m Luke Anderson, a Software Development Engineer working on the product catalog team. As our product continues to grow, we’re starting to face performance bottlenecks in the current backend architecture of the product catalog service.​

I’ve been researching potential solutions and think that migrating from our current monolithic architecture to a microservices-based one could significantly improve scalability and performance. However, I understand that such a major upgrade requires careful planning and coordination.​

I’d like to request a meeting to discuss this idea further. I’d like to hear your thoughts on the feasibility, potential challenges, and best practices for implementing this architecture upgrade. Additionally, I can share some of the performance data and pain points we’ve encountered to help with the discussion.​

Thank you in advance for your time and I look forward to your reply.​

Best regards,​

Luke Anderson