Client Question Video: What Are the 6 Key Steps to Success With Microservices Architecture?

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Initiatives: Application Architecture and Platforms for Technical Professionals

Microservices architecture has become a common approach to building and modernizing applications, but delivering the full benefits requires a holistic approach. This video summarizes the six key steps to maximize the benefits and avoid the pitfalls of microservices architecture.

Overview

Microservices architecture promises many benefits, including fluid, flexible delivery of changes, implementation technology flexibility, precise scalability and cloud readiness. These promises align with growing demand from business stakeholders for applications that can adapt to the needs of digital business in highly competitive ecosystems.

But while microservices adopt patterns for a flexible architecture, making good on these promises requires much more than a change in how you structure your software deliverables. To successfully adopt microservices architecture, application technical professionals must have:

- Clear and measurable goals
- Agile and automated software delivery processes
- An organization structure to support autonomous service delivery and ownership
- A platform ready to support the entire service life cycle
- Disciplined service design and engineering practices
- A distributed data management approach

Recommended by the Authors

Solution Path for Applying Microservices Architecture Principles to Application Architecture

Designing Services and Microservices to Maximize Agility
Working With Data in a Microservices Architecture

Building Identity Into a Microservices Architecture

Decision Point for Mediating API and Microservices Communication

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