All Roads Lead to IT as a Service (ITaaS):
Achieving business transformation with the cloud

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“The most successful software architectures are intentional, manifest, visible - and beautiful.”
~Grady Booch, IBM Fellow, Chief Scientist for IBM Watson and Software Engineering
Common ground for Software Architects

Philosophical

Cultural

Technological
Philosophical
Beyond its impact as a technological innovation, cloud computing has expanded to become an integral part of business enablement.

More than twice as many high performing organizations¹ report fully integrate their cloud initiatives as part of an overall strategic transformation than low-performing organizations.

¹High performing organization is defined as providing a “5” on scale 1 (low) to 5 (high) in both revenue/effectiveness and profit/efficiency performances.

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Cloud is moving beyond cost and efficiency - and enterprises are demanding more.

- **IT Efficiency**
  - Public Cloud
  - IaaS & SaaS
  - Lower cost IT
  - Early Adopters

- **Application Modernization**
  - Hybrid Cloud
  - PaaS, CaaS, & Data
  - Engagement Apps
  - Enterprise

- **Experience & Service Innovation**
  - Multi-Cloud
  - Integrated Platforms
  - Industry Solutions
  - Market Leaders
Business Innovation and the Art of the Possible in your hands
Cultural
Collaborative culture to drive business outcomes
Technological
IT as a Service (ITaaS)
The Digital Reinvention Framework
DNA Signature of Mobile
DNA
Signature of
Social
DNA
Signature of Security
DNA
Signature of IOT
DNA
Signature of Blockchain
DNA
Signature of Cognitive
Full spectrum of compute options for any workload, across global infrastructure

- **Performance & Control**
  - Bare Metal
  - Maximum performance and control

- **Portability**
  - Virtual Server
  - Leverage existing languages and tools

- **Development Speed**
  - Containers
  - Maximum portability
  - Platform as a Service
  - Extensive runtime options
  - Serverless
  - Maximum speed with serverless apps
Architects need to challenge the conventions of philosophy, culture and technology to create relevant architectures that are centered on business growth and innovation.

Here’s how…
The 4 key tenets of cloud success:

- **Business Innovation**
- **Cloud & Data Integration**
- **Security & Management**
- **Investment Leverage**
A learning journey is a curated collection of learning content, both formal and informal, that can be used to acquire skills for a specific role or technology area.