

# Is There A Next Generation LAN?

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# Why Must Enterprises Adapt?

## Change drivers

**Elections and policy shifts**

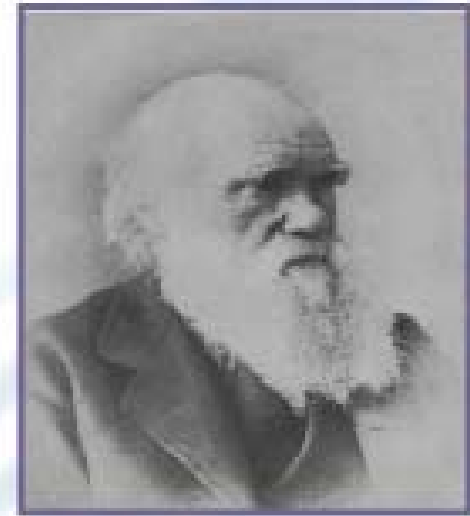
**Economics**

**Global skill shifts**

**Traditional/legacy systems**

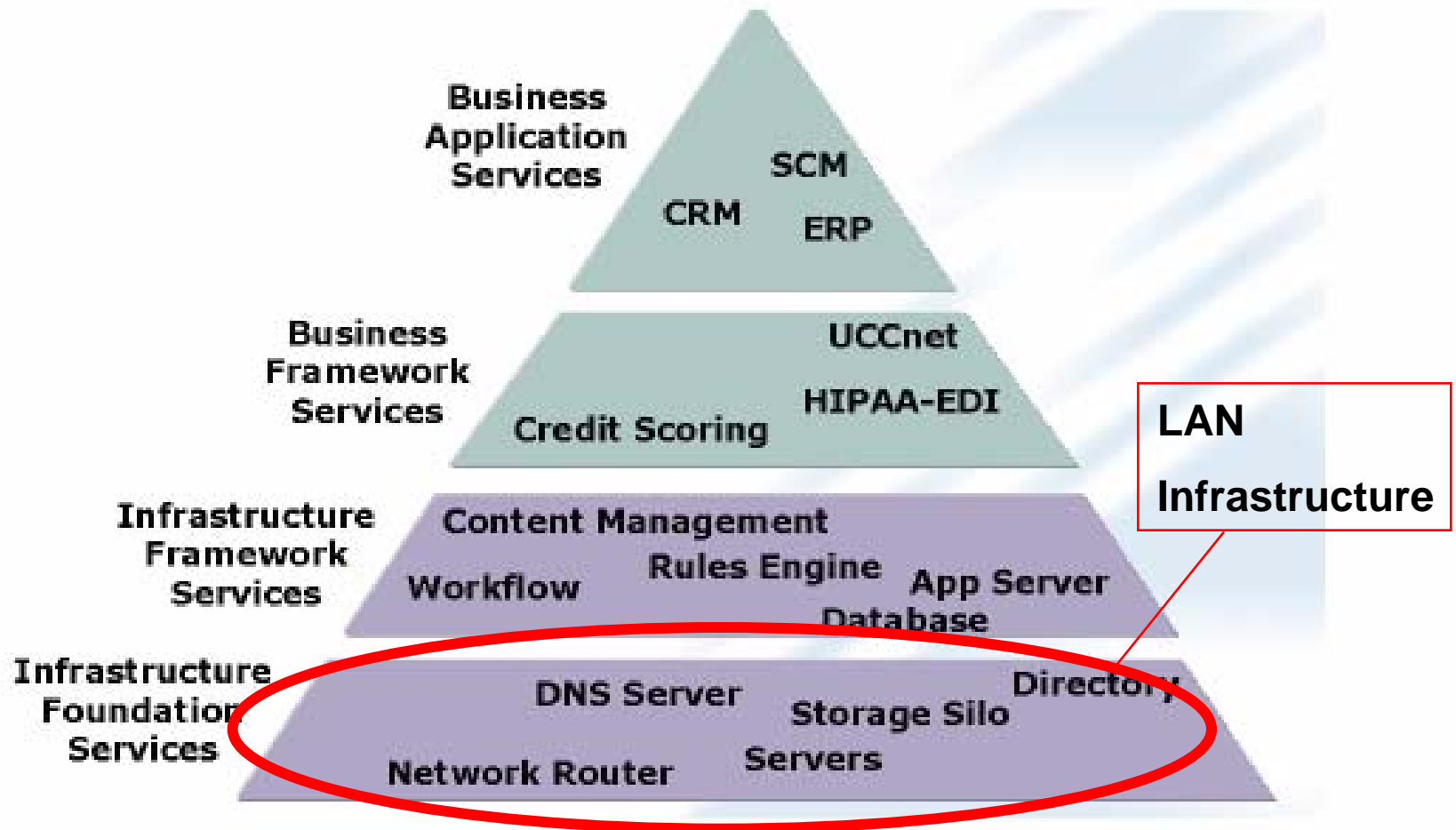
**Internal capabilities**

**Demand**



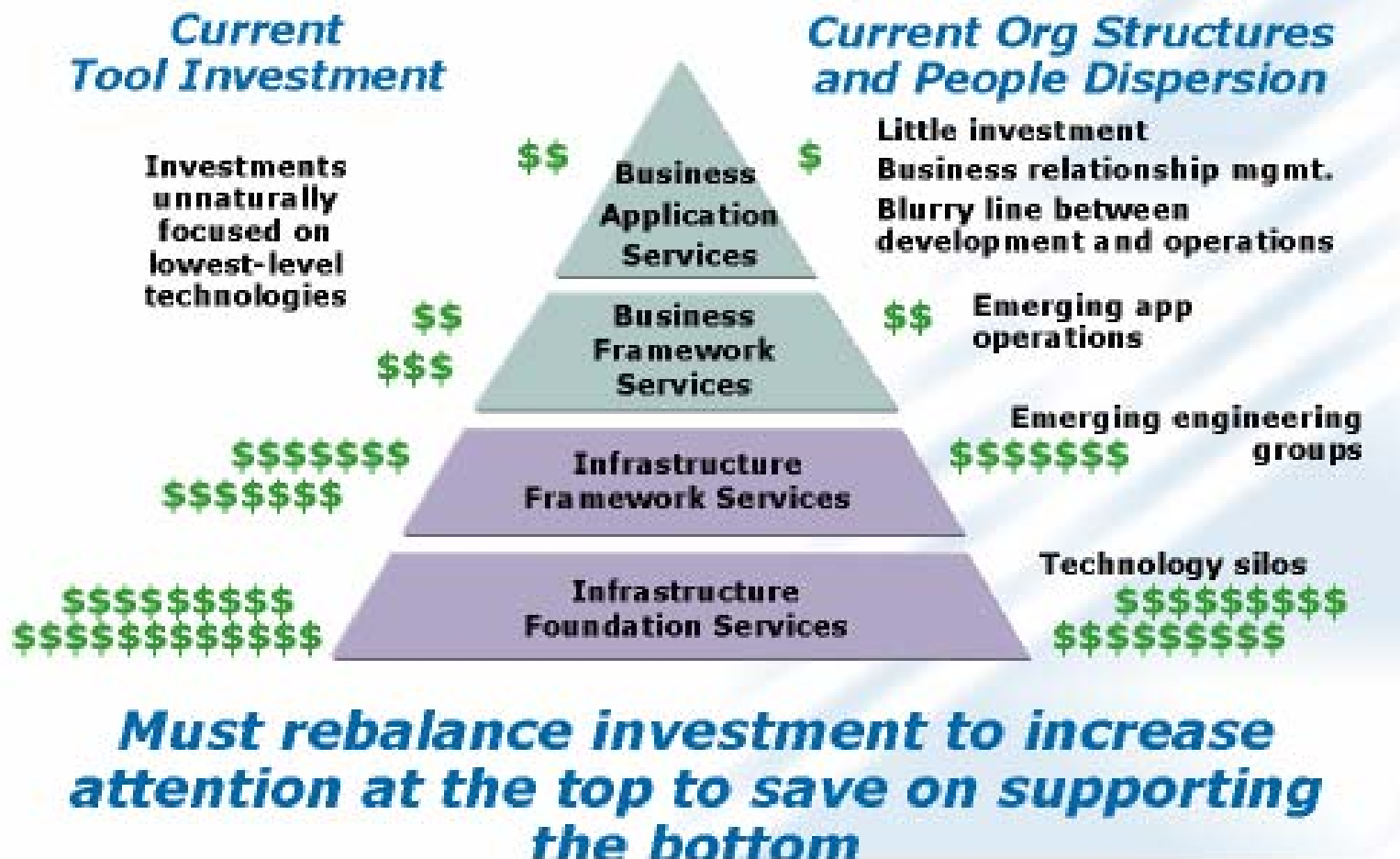
***"It is not the strongest of the species that survives, nor the most intelligent, but the one that is most responsive to change" – Charles Darwin***

# LAN role in Enterprise Technology Model



Courtesy: Meta Group 2003

# Investment Model Changes



Courtesy: Meta Group 2003



# New Networking Environment

## *Change and Uncertainty*

**Proliferation of Connected Devices**

**Blurring between Campus and Metro**

**New Converged Applications**

**New Networking Protocols**

**From Carrying Bits to Dialoging with Applications**

**The Switching Network's Role in Security**

**From 3 9s to 5 9s**

**Longer CAPEX cycles**

# Architecture for Next Gen Network

**Converged Communications – end to end applications**

***Open* Network Platform – UNIX (POSIX)/XML/TCL Based Services to Converged Applications – Security, Availability etc; Enables easy integration of new capabilities without disruption**

**Unified Access**

**Comprehensive Edge Connectivity**

**Intelligent Core**

**Capacity**

**Core Computing Infrastructure**

**Intelligence and core bandwidth**

**Professional and Support Services**

**Assuring Infrastructure; Reducing Risk; Ensuring Results**

**Thank You**

