

2019 IBM 科技論壇

現代**架構**未來

主導下個世代的架構科技

謝東

IBM 副總裁，大中華區首席技術官

架構科技一直在譜寫著技術進步的歷史



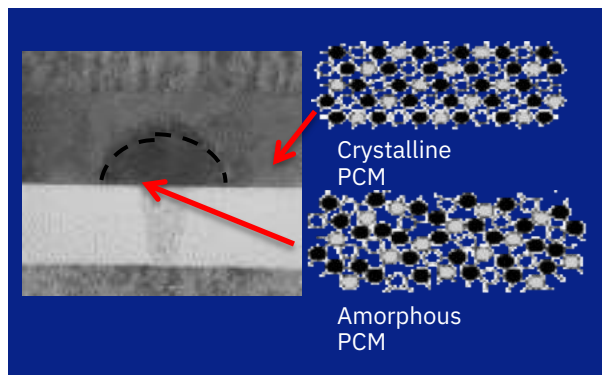
19世紀60年代



1

未來的架構

“數據價值”



多位相變儲存



超高密度磁帶



FLAPE= Flash + Tape

2

未來的加密

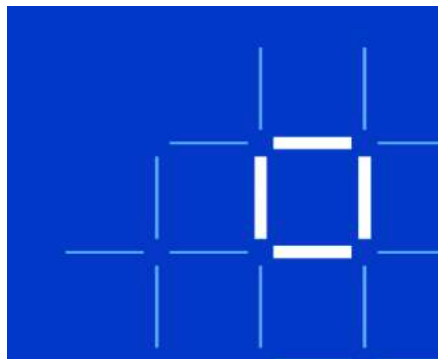
“極致安全”



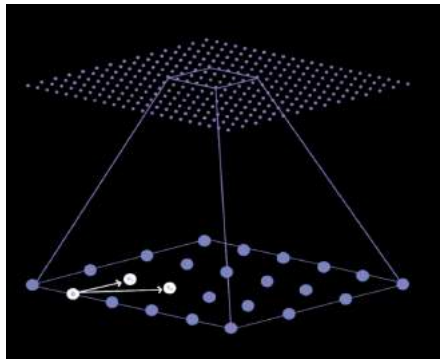
全同態加密技術



普遍加密擴展



區塊鏈晶片技術

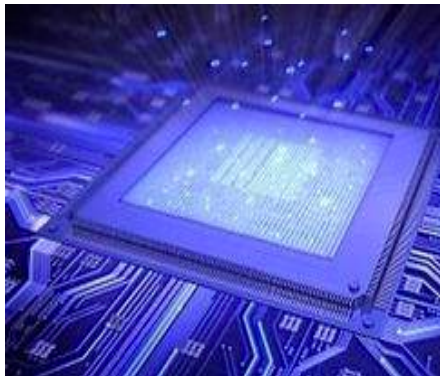


後量子加密技術

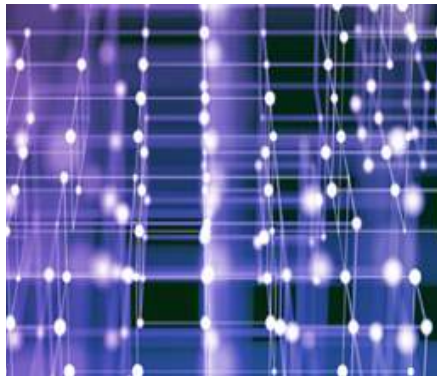
3

未來的運算

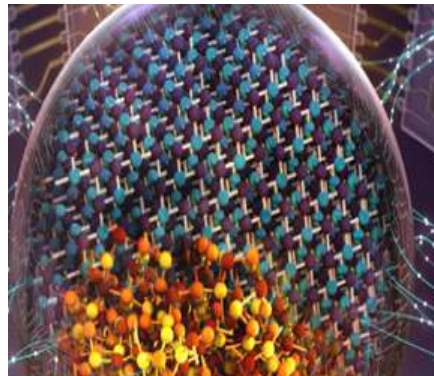
“突破極限”



異構運算



數字 AI 晶片



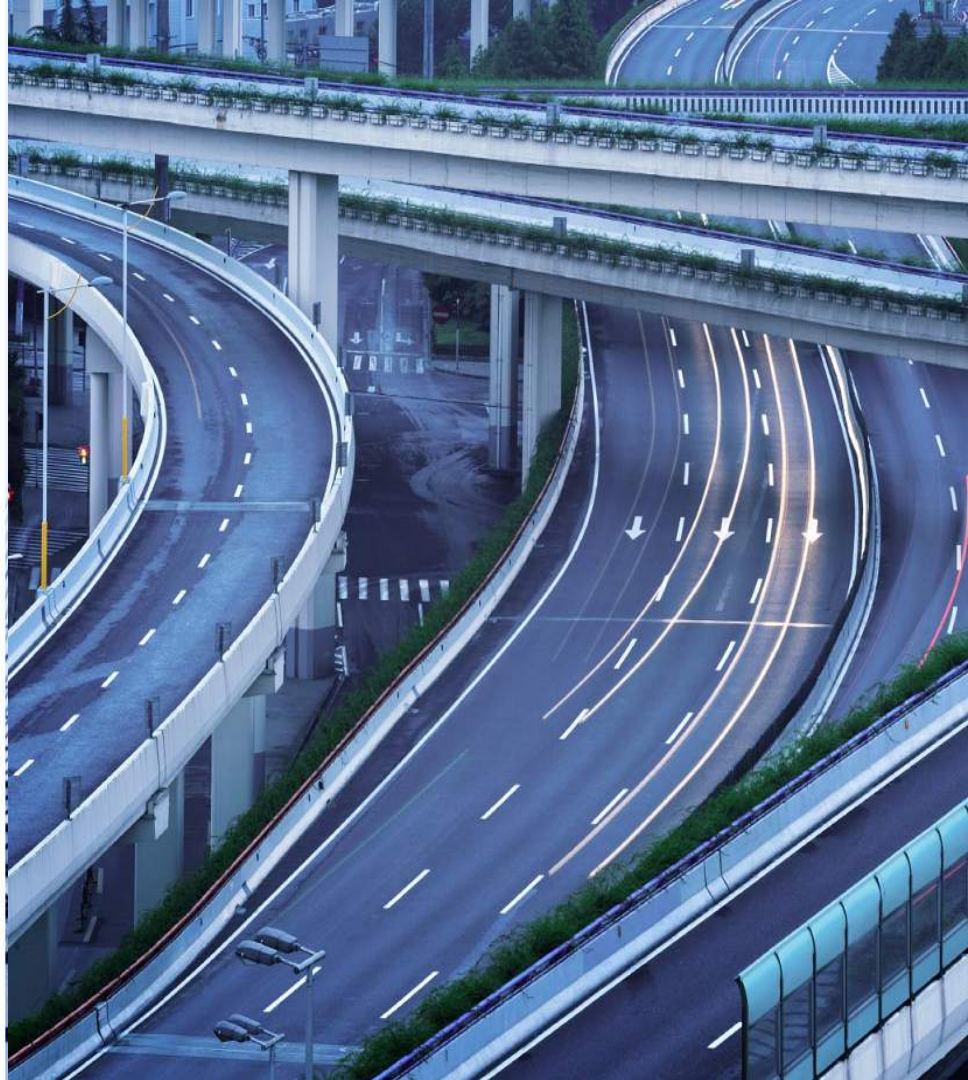
模擬 AI 晶片




量子運算

架構未來之路 探索永無止境

- 多雲更簡單
- 性能擴展更經濟
- 交付更安全
- 系統更可靠



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Thanks

The IBM logo is located in the top right corner of the slide. It consists of the letters 'IBM' in a white, bold, sans-serif font, with a small registered trademark symbol (®) to the upper right of the 'M'. The logo is set against a solid blue background that occupies the right side of the slide.

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The main title is centered in the upper half of the image. It features the text "2019 IBM 科技論壇" in a grey, sans-serif font, followed by a blue square. Below this, the words "現代", "架構", and "未來" are displayed in a larger, bold, blue sans-serif font. A second blue square is placed below the word "架構". The background of the entire slide is a blue-tinted photograph of a modern building's glass and steel facade, viewed from a low angle looking up, creating a sense of depth and architectural scale.