

# INFORMATION STORAGE AND MANAGEMENT

Course Introduction

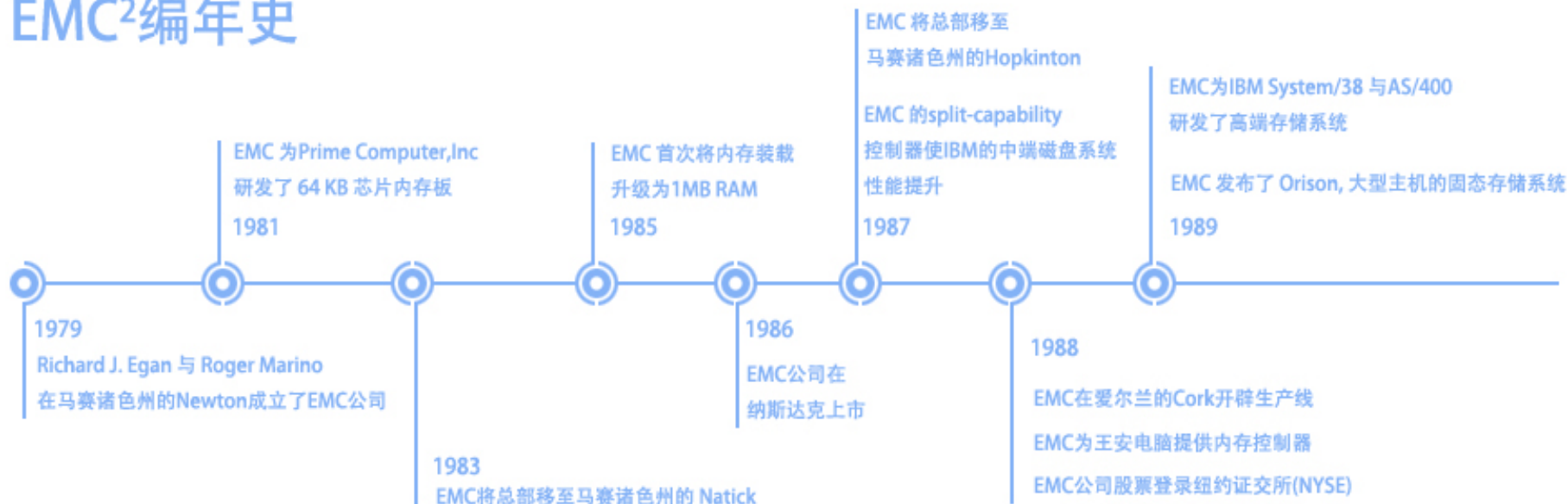
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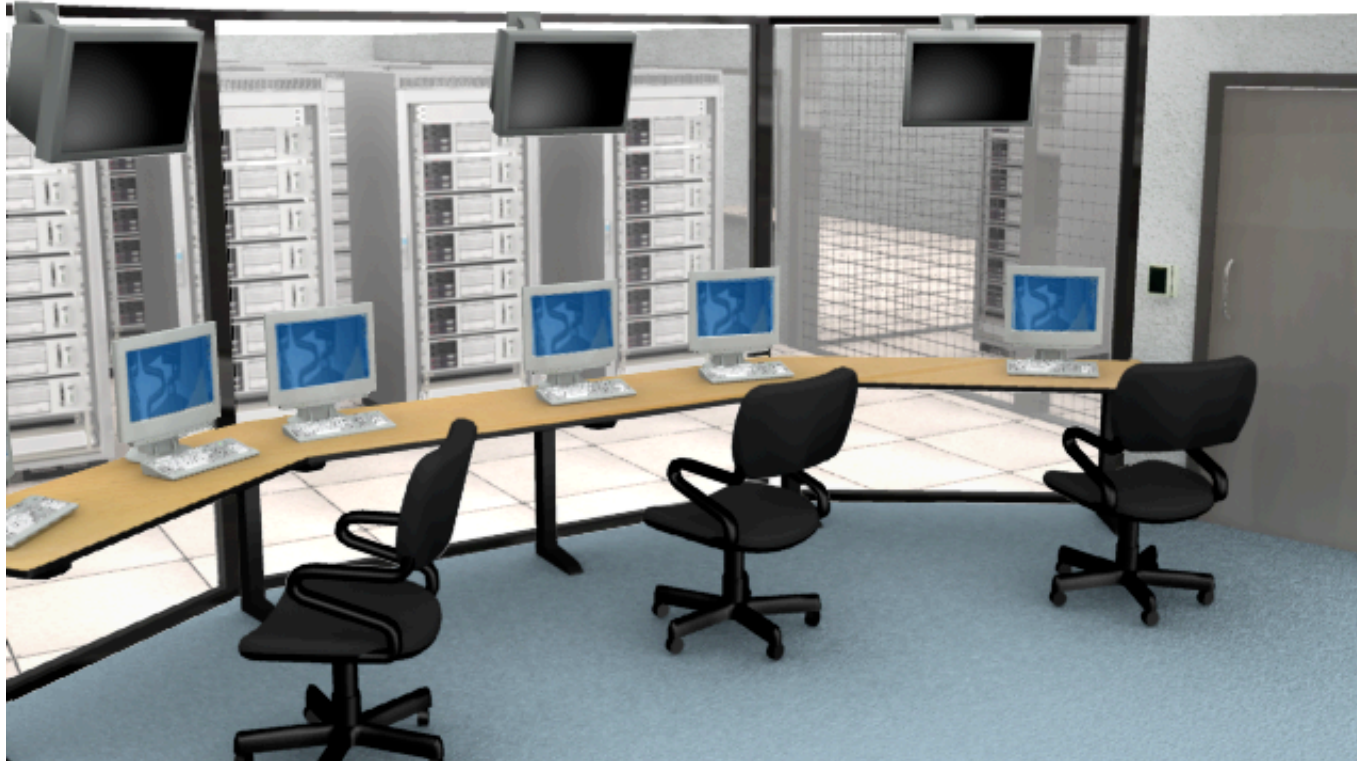
# EMC的发展

## EMC<sup>2</sup>编年史



349亿美元

# Purpose



# Course Objectives 1

Upon completion of this course, you will be able to:

- Describe the challenges found in today's complex information management environment.
- Describe storage technology solutions (such as **DAS, NAS, SAN**).
- Describe the key business drivers for storage: Information Availability and Business Continuity.
- Describe common storage management roles and responsibilities.

## Course Objectives 2

- Upon completion of this course, you should be able to:
- Explain the phases of transition from classic data center to virtual data center and then to the **Cloud**
- Describe virtualization technology at compute, storage, network, desktop, and application layers of IT infrastructure
- Describe business continuity solutions in a VDC environment
- Explain the key characteristics, services, and deployment models of Cloud
- Describe the Cloud infrastructure components and service management processes
- Describe the Cloud security concerns and solutions
- List the key considerations for migration to the Cloud

## Others \*\*\*

- 平时作业（20%）+ 考勤成绩（20%）
- 综合实验（30%）；
- 课程设计综合报告（30%）；  
课堂活跃加分；
- 以英文讲义为主
- 参考书：  
英文版 《Information Storage and Management》  
中文版 《信息存储与管理》 人民邮电出版社，  
G.Somasundaram Alok Shrivastava 著