THE CHINESE WALL SECURITY POLICY

Dr. David F.C. Brewer and Dr. Michael J. Nash, 1989

November 06, 2015

Mikael Elkiær Christensen michrill@student.aau.dk

Department of Computer Science
Alborg University
Denmark





Who is the enemy?

CHINESE WALL

Mikael Elkiær Christensen

Introduction

Bell-LaPadula

Department of Computer Science Aalborg University Denmark



Who is the enemy?

CHINESE WALL

Mikael Elkiær Christensen

Introduction

Bell-LaPadula





Who is the enemy?

CHINESE WALL

Mikael Elkiær Christensen

Introduction

Bell-LaPadula







Background

CHINESE WALL

Mikael Elkiær Christensen

Introduction

Bell-LaPadula

- ► Coined in 1929 following the Wall Street crash
- Chinese Wall policies are already in use
 - Not necessarily digital
 - Can have authority of law
- ▶ Other terms, as some find the original offensive
 - ► "Screen", "firewall", "cone of silence", and "ethical wall"

3

CHINESE WALL

Mikael Elkiær Christensen

Introduction

Bell-LaPadula

- ▶ Before 1989, most security policies were military
 - ► E.g. Bell-LaPadula (more about this later)
- Need of something that holds up in court
- ▶ Relevant anywhere conflicts of interest can exist

Questions?

