CS 458: Computer Security and Privacy

Michael Noukhovitch

Spring 2016, University of Waterloo

Notes written from Erinn Atawater's lectures.

Contents

1 Introduction

1.1 Security

Security can be defined as:

Confidentiality : access to systems is limited to authorized

Integrity : getting the correct data

Availability : system is there when you want it

1.2 Privacy

There are many definitions but we will stick to **informational self-determination**, where you control the information about you