

A Model for a Better Understanding of the Digital Distribution of Music in a Peer- to-Peer Environment

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Summery

- ◆ A model of digital music distribution, encapsulating many aspects
 - ◆ Artists
 - ◆ Record Companies
 - ◆ Retailers (Traditional and Online)
 - ◆ Technology Providers
 - ◆ Consumers

Comments / Good

- ◆ Large model
 - ◆ Encapsulates a very wide area of digital music distribution
 - ◆ This model can assist us in determining the different security measures we might require
 - ◆ Distribution: Ensuring the integrity of the music

Comments / Good

- ◆ Real life examples
 - ◆ Validates different parts of the model
 - ◆ We can evaluate the security they use
 - ◆ Do they use any DRM? Is it a good idea?

Comments / Good

- ◆ History
 - ◆ How everything come to be
 - ◆ We can use this to analyze the original intent of P2P, and what kind of problems might arise when we try to commercialize P2P
 - ◆ People want to download for free
 - ◆ People want to upload their own work

Comments / Bad

- ◆ Business model only
 - ◆ Does not have any security aspects at all
 - ◆ We have to think about the security ourselves

Comments / Bad

- ◆ Peer-to-Peer?
 - ◆ Does not seem to focus on P2P
 - ◆ Not much information about P2P in the model
 - ◆ Does not suggest how to utilize P2P technology
 - ◆ Title misleading? Or different concept?

Comments / Bad

- ◆ Some aspects might be outdated
 - ◆ Published in 2002
 - ◆ A lot more people using P2P now
 - ◆ Commercial digital music distribution more developed now (ex: iTunes Music Store)
 - ◆ Can't really blame the paper, but need to keep this in mind when reading this paper

Question

- ◆ In a P2P digital music store, what would be some of the main security problems?
 - ◆ P2P would mean that users are connected with each other, and share files

Question

- ◆ In a P2P digital music store, what would be some of the main security problems?
 - ◆ Confidentiality
 - ◆ People might know what music you have
 - ◆ Integrity
 - ◆ How to ensure the music is genuine
 - ◆ Availability
 - ◆ How to supply lesser popular music

The End

Thank you for your interest in this presentation