

<section-header><section-header><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item>









2P vs Distributed Systems (2) Key aspect: Transparency			
Description			
Hide differences in data representation and how a resource is accessed			
Hide where a resource is located			
Hide that a resource may move to another location			
Hide that a resource may be moved to another location while in use			
Hide that a resource may be replicated in several places			
Hide that a resource may be shared by several competitive users			
Hide the failure and recovery of a resource			









Anonymity

30 October 2003

 the degree to which a software system or component allows for or supports anonymous transactions.

Leonardo Mariani

Privacy

30 October 2003

• Ensuring that individuals maintain the right to control what information is collected about them, how it is used, who has used it, who maintains it, and what purpose it is used for (sometime it is included in security)

 violation attempts: an intruder read or change/modify your confidential data

Leonardo Mariani

Security	Security –
 "freedom from risk or danger" in computer science: security is the prevention, or protection against	 Confidentiality: Ensugersons Integrity: Ensuring the mission of the mi
or 2- security is the ability of a system to protect information and system resources with respect to confidentiality and integrity 30 October 2003 Leonardo Mariani 17	 Kall they in fact. 213 Availability : Ensuring given moment, usually 30 October 2003







Existing P	2P Systems	N.
 Hybrid P2P Napster Farsite Oceanstore Pure P2P Gnutella P-Grid Chord CAN Freenet 		
30 October 2003	Leonardo Mariani	22

<section-header> Characteristics taken into consideration e. System construction e. e. addition and detoins e. e. addition and detoins e. desches/Routing e. actionation data and searches e. adability e. e. state and searches e. adability e. adability e. adability and data, ... e. anonymizing of operations and data, ... e. adability e. adability of system preservation