

P2P File Sharing System (with Distributed Indexing Server) Installation Manual

Contents

1. Installation Prerequisites	2
A. Software Prerequisites	2
B. Hardware Prerequisites	2
2. Installation	3
A. Copy the System Code	3

1. Installation Prerequisites

A. Software Prerequisites

- i. Java SE Runtime Environment 8
- ii. Ubuntu nodes

B. Hardware Prerequisites

- i. Ubuntu nodes connected using TCP Network

2. Installation

A. Copy the System Code

- i. Create a folder in Ubuntu.
- ii. User can make changes into Properties file (dcp2p.properties) to change various details (like Peer1 IP, Peer2 IP, Peer1 Port, Peer2 Port, Indexing Server Port and IP, Buffer Size, etc.)
- iii. Copy the newly compiled class files along with the ".properties" file.
- iv. User can now run the Indexing Server, Peer Servers and Peer Client on different peers using appropriate class files.

e.g.:

- Command "java IndexingServer<Server No.>" (e.g. java IndexingServer1) will start the Indexing Server
- Command "java Peer1Server" will start the Peer 1 File Server
- Command "java Peer2Client" will start the Peer 2 Client