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## 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 (p2pprop.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" will start the Indexing Server
- Command "java Peer1Server" will start the Peer 1 File Server
- Command "java Peer2Client" will start the Peer 2 Client