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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 (dht.properties) to change various details (like DHT Server 1 IP, DHT Server 1 Port, DHT Server 1 Log File, DHT Server 2 IP, DHT Server 2 Port, DHT Server 2 Log File, No. of Servers in Distributed Hash Table environment, No. of Data Points for Testing Purpose, Buffer Size, etc.)
- iii. Copy the newly compiled class files along with the “.properties” file.
- iv. User can now run the Distributed Hash Table (hereinafter referred to as “DHT”) Servers and DHT Client on different peers using appropriate class files.

e.g.:

- Command “java DHTServer1” will start the DHT 1 Server
- Command “java DHTClient” will start the DHT Client