TCSS 558: Applied Distributed Computing [Winter 2019] School of Engineering and Technology, UW-Tacoma





















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- BitTorrent Example:
- File sharing system users must contribute as a file host to be eligible to download file resources
- Original implementation features hybrid architecture
- Leverages idle client network capacity in the background
- User joins the system by interacting with a central server
- Client accesses global directory from a tracker server at well known address to access torrent file
- Torrent file tracks nodes having chunks of requested file
 Client begins downloading file chunks and immediately then participates to reserve downloaded content <u>or network</u> <u>bandwldth Is reduced!!</u>
- Chunks can be downloaded in parallel from distributed nodes
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