



RESEARCH ARTICLE

DELAY – Disruption Tolerant Network (DTN), its Network Characteristics and Core Applications

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Abstract—Delay – Disruption Tolerant Architecture, DTN is meant to provide connectivity in Heterogeneous networks which lack incessant connectivity due to disruptions or considerable delays like that of networks operating in mobile or extreme terrestrial environments or planned network in space. The DTN effectively improves network communications where the network connectivity is Periodic/Intermittent and or Prone to disruptions. The Store and Forward technique via the Bundle Protocol (BP) of the Delay Tolerant Network facilitates the flow of data/information across any complex or intermittent network traffic. This study encompasses the overview of Delay Tolerant Network and its characteristics and the Use of Bundle Protocol for efficient usage of sporadic network connection along with applications of DTN.

Keywords— Delay Tolerant Networks (DTN); Bundle Protocol; Contacts; Bytewalla; Android

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