The Internet Backplane Protocol is a mechanism that implements storage of data in the network using shared physical resources to support Logistical Networking. Logistical Networking is an approach to networking that combines transmission resources (e.g. bandwidth and router capacity) with storage resources (e.g. disk and memory) to achieve overall goals of scalability and quality-of-service delivery.

- IBP provides shared buffers, explicit control over buffering
- Logistical Networking uses time-limited storage as a communication resource

IBP provides shared buffers, explicit control over buffering and Logistical Networking uses time-limited storage as a communication resource.