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<ul> <li>Edge node         <ul> <li>Electronic router and OBS interface</li> <li>Functions                 <ul> <li>Electronic data buffering and processing</li> <li>Burst Aggregation (BA), responsible for collecting data from legacy networks and building the burst unit</li> <li>Setting up the pre-transmission offset time</li> <li>Sending the control packet</li> <li>Sending the burst</li> </ul> </li> </ul> </li> </ul>
<ul> <li>Core node         <ul> <li>Processing of incoming control packets (electronically) and sending it to the next node that lays on the routing path</li> <li>Reservation of optical resources for transferring the burst</li> <li>Just-In-Time (JIT)</li> <li>Horizon Reservation Mechanism (HRM)</li> <li>Just-Enough-Time (JET) – the most efficient but of high complexity</li> </ul> </li> </ul>
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