

The Aol process, represented by $\Delta(t)$, increases linearly until a new update arrives at the sink. For example, at time t_i , the Information Source generates the i -th status update, which is received by the sink at time t'_i . Upon receiving the update, the Aol instantly becomes $\Delta(t) = t'_i - t_i$ and starts to increase linearly until the next update arrives.

