SCFO

(1) \( VT(t) = VT(\text{packet in service}) \).

(2) Each flow:

\[
VT(p_f^0) = 0 .
\]

\[
VT(p_f^j) = \max \left( MT(A(p_f^j)), VT(p_f^{j-1}) \right) + \frac{l_f^j}{r_f}.
\]

SCFO operates in a very simple manner:

It does not keep track of virtual clock precisely.

Virtual Clock = \( VT(\text{packet that is currently being transmitted}) \).

Operation:

1. New packet arrival.

2. \( VT(p_f^j) = \max \left( MT(A(p_f^j)), VT(p_f^{j-1}) \right) + \frac{l_f^j}{r_f} \).

3. Put packet in queue according to its \( f \) VT value (sorted).