

OSPF LSA Throttling

OSPF LSA throttling is enabled by default and allows faster OSPF convergence (in milliseconds).

You can control the generation (sending) of LSAs, control the receiving interval, and provide a dynamic mechanism to slow down the frequency of LSA updates in OSPF during times of network instability.

The first LSA is always generated immediately upon an OSPF topology change, and the next LSA generated is controlled by a configured minimum start interval.

The subsequent LSAs generated for the same LSA are rate limited until the configured maximum interval is reached.

The same LSA is defined as an LSA instance that contains the same LSA ID number, LSA type, and advertising router ID.

If an instance of the same LSA arrives sooner than the configured receive interval, the LSA is dropped.