

# Distribution Latency (Seconds) alert

The Distribution Latency (Seconds) alert tracks the amount of time, in seconds, that a replication transaction is at the Publisher waiting for a Distributor to receive it, and has exceeded the warning threshold.

## Causes of high distribution latency

The most common cause of high distribution latency is when a transaction has a large amount of commands. Once the transaction is complete, distribution latency decreases.

The **Replication** view on the **Services** tab displays a graph with the non-distributed count and the non-distributed time. Graphs that trend upward may indicate a problem that needs resolution.

## Reduce distribution latency

You can reduce distribution latency by:

- Reducing traffic on the publisher
- Limiting non-replication related work by the publisher
- Increasing the network bandwidth available to the publisher

SQL **Diagnostic Manager** identifies and resolves SQL Server performance problems before they happen. [Learn more](#) > >

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