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# T-Server Reference Guide

TScanServerMode

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# TScanServerMode

## Syntax

```
typedef enum {  
    TSCAN_MODE_DEFAULT,  
    TSCAN_MODE_SYNC,  
    TSCAN_MODE_ASYNC,  
    TSCAN_MODE_CONNECT,  
    TSCAN_MODE_WRITE,  
    TSCAN_MODE_WRITE_ALL  
} TScanServerMode;
```

## Values

- **TSCAN\_MODE\_DEFAULT** — Use with SyncMode connections. This provides the same functionality as `TScanServer()`, with the addition of processing ADDP timeouts, if ADDP protocol is configured.
- **TSCAN\_MODE\_SYNC** — Provides the same functionality as **TSCAN\_MODE\_DEFAULT**.
- **TSCAN\_MODE\_ASYNC** — Use with AsyncMode connections. In this case, `TScanServerEx()` also sends pending messages for a given server, if applicable.
- **TSCAN\_MODE\_CONNECT** — Use after `TOpenServer()` to wait for a connection that is opening in asynchronous mode so that the connection is properly opened and registered.

### Important

This mode is deprecated, and remains available primarily for backward compatibility. **TSCAN\_MODE\_ASYNC** should be used for AsyncMode connections in most cases.

- **TSCAN\_MODE\_WRITE** — When added to **TSCAN\_MODE\_SYNC**, pending messages for a given server are sent. This parameter does not affect **TSCAN\_MODE\_ASYNC**.
- **TSCAN\_MODE\_WRITE\_ALL** — When added to either **TSCAN\_MODE\_SYNC** or **TSCAN\_MODE\_ASYNC**, pending messages for all registered connections are sent.