`SET_VAR` Hint Applies	No
Type	Boolean
Default Value	`OFF`

Controls whether the server tracks changes to the state of the current session and notifies the client when state changes occur. Changes can be reported for these attributes of client session state:

- The default schema (database).

- Session-specific values for system variables.

- User-defined variables.

- Temporary tables.

- Prepared statements.

If the session state tracker is enabled, notification occurs for each change that involves tracked session attributes, even if the new attribute values are the same as the old. For example, setting a user-defined variable to its current value results in a notification.

The `session_track_state_change` variable controls only notification of when changes occur, not what the changes are. For example, state-change notifications occur when the default schema is set or tracked session system variables are assigned, but the notification does not include the schema name or variable values. To receive notification of the schema name or session system variable values, use the `session_track_schema` or `session_track_system_variables` system variable, respectively.

> **Note**
>
> Assigning a value to `session_track_state_change` itself is not considered a state change and is not reported as such. However, if its name listed in the value of `session_track_system_variables`, any assignments to it do result in notification of the new value.

For more information about session state tracking, see Section 5.1.18, "Server Tracking of Client Session State Changes".

- `session_track_system_variables`

Command-Line Format	`--session-track-system-variables=#`
System Variable	`session_track_system_variables`
Scope	Global, Session
Dynamic	Yes
`SET_VAR` Hint Applies	No
Type	String
Default Value	`time_zone, autocommit, character_set_client, character_set_results, character_set_connection`

Controls whether the server tracks assignments to session system variables and notifies the client of the name and value of each assigned variable. The variable value is a comma-separated list of variables