

Dynamic	Yes
SET_VAR Hint Applies	No
Type	Boolean
Default Value	ON

This system variable is a group-wide configuration setting. It must have the same value on all group members, cannot be changed while Group Replication is running, and requires a full reboot of the group (a bootstrap by a server with [group_replication_bootstrap_group=ON](#)) in order for the value change to take effect. If the group has a value set for this system variable, and a joining member has a different value set for the system variable, the joining member cannot join the group until the value is changed to match. If the group members have a value set for this system variable, and the joining member does not support the system variable, it cannot join the group.

From MySQL 8.0.16, you can use the [group_replication_switch_to_single_primary_mode\(\)](#) and [group_replication_switch_to_multi_primary_mode\(\)](#) functions to change the value of this system variable while the group is still running. For more information, see [Section 18.5.1.2, “Changing a Group’s Mode”](#).

[group_replication_single_primary_mode](#) instructs the group to automatically pick a single server to be the one that handles read/write workload. This server is the PRIMARY and all others are SECONDARIES.

- [group_replication_ssl_mode](#)

Command-Line Format	--group-replication-ssl-mode=value
System Variable	group_replication_ssl_mode
Scope	Global
Dynamic	Yes
SET_VAR Hint Applies	No
Type	Enumeration
Default Value	DISABLED
Valid Values	DISABLED REQUIRED VERIFY_CA VERIFY_IDENTITY

The value of this system variable can be changed while Group Replication is running, but the change only takes effect after you stop and restart Group Replication on the group member.

[group_replication_ssl_mode](#) sets the security state of group communication connections between Group Replication members. The possible values are as follows:

DISABLED	Establish an unencrypted connection (the default).
REQUIRED	Establish a secure connection if the server supports secure connections.