

Example:

```
SELECT set_firewall_group_mode('g', 'DETECTING');
```

This function was added in MySQL 8.0.23.

## Firewall Account Profile Functions

These functions perform management operations on firewall account profiles:

- `read_firewall_users(user, mode)`

This aggregate function updates the firewall account profile cache through a `SELECT` statement on the `mysql.firewall_users` table. It requires the `FIREWALL_ADMIN` privilege or the deprecated `SUPER` privilege.

Example:

```
SELECT read_firewall_users('fwuser@localhost', 'RECORDING')
FROM mysql.firewall_users;
```

As of MySQL 8.0.26, this function is deprecated and subject to removal in a future MySQL version. See [Migrating Account Profiles to Group Profiles](#).

- `read_firewall_whitelist(user, rule)`

This aggregate function updates the recorded-statement cache for the named account profile through a `SELECT` statement on the `mysql.firewall_whitelist` table. It requires the `FIREWALL_ADMIN` privilege or the deprecated `SUPER` privilege.

Example:

```
SELECT read_firewall_whitelist('fwuser@localhost', fw.rule)
FROM mysql.firewall_whitelist AS fw
WHERE USERHOST = 'fwuser@localhost';
```

As of MySQL 8.0.26, this function is deprecated and subject to removal in a future MySQL version. See [Migrating Account Profiles to Group Profiles](#).

- `set_firewall_mode(user, mode)`

This function manages the account profile cache and establishes the profile operational mode. It requires the `FIREWALL_ADMIN` privilege or the deprecated `SUPER` privilege.

Example:

```
SELECT set_firewall_mode('fwuser@localhost', 'RECORDING');
```

As of MySQL 8.0.26, this function is deprecated and subject to removal in a future MySQL version. See [Migrating Account Profiles to Group Profiles](#).

## Firewall Miscellaneous Functions

These functions perform miscellaneous firewall operations:

- `mysql_firewall_flush_status()`

This function resets several firewall status variables to 0: