



## ON DEMAND (2)

SQL\_CACHE [ON/OFF]

```
-- [ON/OFF]
SELECT * FROM products WHERE category_id = 5;

-- [ON/OFF]
SELECT SQL_CACHE * FROM products WHERE category_id = 5;
```

ON DEMAND [ON/OFF]

[ON/OFF]

[ON/OFF] [ON/OFF]

```
-- [ON/OFF] 'products' [ON/OFF] 1000 [ON/OFF] SELECT [ON/OFF]
UPDATE products SET price = 19.99 WHERE product_id = 42;
-- → 'products' [ON/OFF] 1000 [ON/OFF]
```

[ON/OFF]

[ON/OFF]

query\_cache\_size [ON/OFF]

```
[mysqld]
query_cache_type = 2
query_cache_size = 64M
query_cache_limit = 2M
query_cache_min_res_unit = 2048
```

- **query\_cache\_size** [ON/OFF] 256 MB [ON/OFF]
- **query\_cache\_limit** [ON/OFF]
- **query\_cache\_min\_res\_unit** [ON/OFF]

[ON/OFF]

Qcache\_\* [ON/OFF]



MySQL 8.0 Oracle

MariaDB

## Galera

Galera Galera

1. A SELECT
2. B Galera UPDATE
3. A ——
4. A SELECT

Galera `wsrep_causal_reads = ON`

## MaxScale

MaxScale

```
[query-cache]
type = filter
module = cache
storage = storage_inmemory
ttl = 10s
max_size = 256Mi
```

MaxScale Galera MaxScale

### 

- 80% SELECT
- 
- 150
- Web
- Galera

