

Registry Installation - Large Deployment Considerations

For the most part, COmanage Registry does not need specialized tuning for larger deployments (10k+ records). However, there are a few things to keep in mind:

- Newer versions of PHP perform better. Use PHP 7+.
- The best way to load large amounts of data is via [Organizational Identity Sources](#). The [REST API v1](#) is not currently optimized for bulk operations.
 - As of Registry v3.3.0, [BulkLoad Shell](#) is also an option. BulkLoad Shell currently only supports Postgres.
 - For a further discussion of available options, see [Bulk Initial Data Loading](#).
- When using [Organizational Identity Sources](#) with MySQL as the Registry database, it may be necessary to run a manual `analyze table` to resolve a slow query issue ([CO-1406](#)):

```
mysql> analyze table cm_org_identity_source_records;
```

Postgres does not appear to have this problem.

- As the number of records increases, the database work to maintain indices also increases, and so write operations take longer.