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## Limitations and Known Issues within MaxScale

The purpose of this documentation is to provide a central location that will document known issues and limitations within the MaxScale product and the plugins that form part of that product. Since limitations may related to specific plugins or to MaxScale as a whole this document is divided into a number of sections, the purpose of which are to isolate the limitations to the components which illustrate them.

### Limitations in the MaxScale core

This section describes the limitations that are common to all configuration of plugins with MaxScale.

### Limitations with MySQL Protocol support

- Compression
- SSL  
Both capabilities are not included in MySQL server handshake
- LOAD DATA LOCAL INFILE currently not supported

### Limitations with MySQL Master/Slave Replication monitoring

### Limitations with Galera Cluster Monitoring

Master selection is based only on `MIN(wsrep_local_index)`, no other server parameter.

### Limitations in the connection router

If Master changes (ie. new Master promotion) during current connection the router cannot check the change

### Limitations in the Read/Write Splitter

#### Scale-out limitations

In master-slave replication cluster all queries are routed to master in the following situations:

- inside an open transaction



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- in case of prepared statement
- statement includes a stored procedure call
- statement includes a UDF call

### **Authentication Related Limitations**

MySQL old passwords are not supported