

????

 a)

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```
show plugins;
```



```
mysql> show plugins;
```

Name	Status	Type	Library	License
binlog	ACTIVE	STORAGE ENGINE	NULL	GPL
mysql_native_password	ACTIVE	AUTHENTICATION	NULL	GPL
sha256_password	ACTIVE	AUTHENTICATION	NULL	GPL
CSV	ACTIVE	STORAGE ENGINE	NULL	GPL
MEMORY	ACTIVE	STORAGE ENGINE	NULL	GPL
InnoDB	ACTIVE	STORAGE ENGINE	NULL	GPL
INNODB_TRX	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_LOCKS	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_LOCK_WAITS	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_CMP	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_CMP_RESET	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_CMPMEM	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_CMPMEM_RESET	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_CMP_PER_INDEX	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_CMP_PER_INDEX_RESET	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_BUFFER_PAGE	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_BUFFER_PAGE_LRU	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_BUFFER_POOL_STATS	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_TEMP_TABLE_INFO	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_METRICS	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_FT_DEFAULT_STOPWORD	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_FT_DELETED	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_FT_BEING_DELETED	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_FT_CONFIG	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_FT_INDEX_CACHE	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_FT_INDEX_TABLE	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_SYS_TABLES	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_SYS_TABLESTATS	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_SYS_INDEXES	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_SYS_COLUMNS	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_SYS_FIELDS	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_SYS_FOREIGN	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_SYS_FOREIGN_COLS	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_SYS_TABLESPACES	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_SYS_DATAFILES	ACTIVE	INFORMATION SCHEMA	NULL	GPL
INNODB_SYS_VIRTUAL	ACTIVE	INFORMATION SCHEMA	NULL	GPL
MyISAM	ACTIVE	STORAGE ENGINE	NULL	GPL
MRG_MYISAM	ACTIVE	STORAGE ENGINE	NULL	GPL
PERFORMANCE_SCHEMA	ACTIVE	STORAGE ENGINE	NULL	GPL
ARCHIVE	ACTIVE	STORAGE ENGINE	NULL	GPL
BLACKHOLE	ACTIVE	STORAGE ENGINE	NULL	GPL
FEDERATED	DISABLED	STORAGE ENGINE	NULL	GPL
partition	ACTIVE	STORAGE ENGINE	NULL	GPL
ngram	ACTIVE	FTPARSER	NULL	GPL

b)

1 “show grants for root@localhost” IP IP

user Host IP IP “ %” user
Host host

1. 连接数据库

1. 使用 root 用户连接数据库 IP 地址

```
mysql> show grants for root@localhost;
+-----+
| Grants for root@localhost |
+-----+
| GRANT ALL PRIVILEGES ON *.* TO 'root'@'localhost' WITH GRANT OPTION |
| GRANT PROXY ON ''@' TO 'root'@'localhost' WITH GRANT OPTION |
+-----+
2 rows in set (0.00 sec)
```

2. 查看数据库版本信息

1. 使用 root 用户连接数据库

1. 使用 root 用户连接数据库 MySQL 数据库版本信息 show variables where variable_name like "version"

```
2. 查看数据库版本信息
mysql> show variables like 'version';
+-----+
| Variable_name | Value |
+-----+
| version       | 5.7.44 |
+-----+
1 row in set (0.01 sec)
```

2. 连接数据库

1. 使用 root 用户连接数据库

```
mysql> show variables like 'version';
+-----+
| Variable_name | Value |
+-----+
| version       | 5.7.44 |
+-----+
1 row in set (0.01 sec)
```

2. 使用 root 用户连接数据库