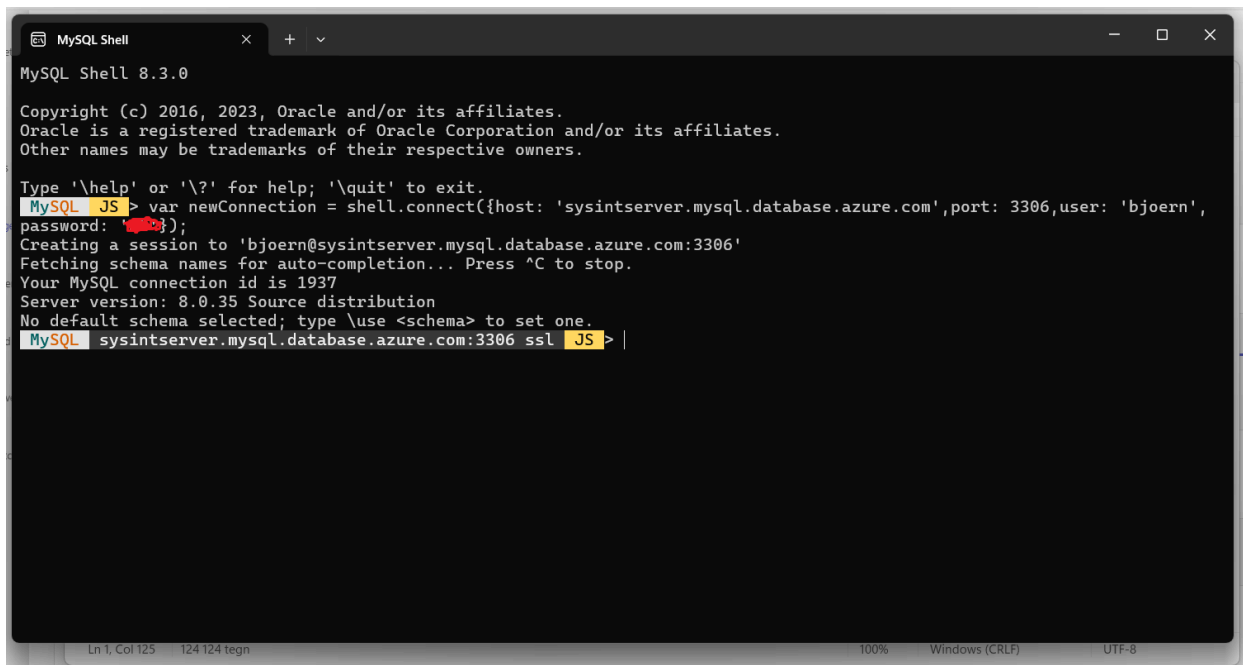


Jeg kom fint ind på serveren ved at bruge MySQL Shell til at forbinde til den hostede server:

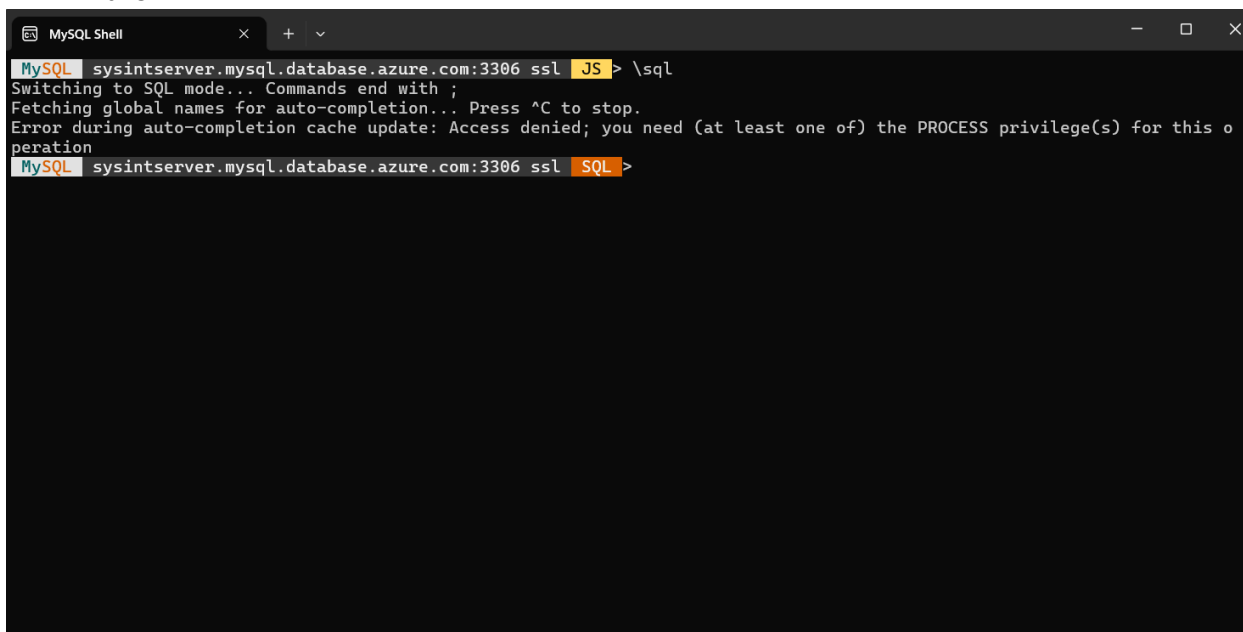


```
MySQL Shell 8.3.0

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Type '\help' or '?' for help; '\quit' to exit.
MySQL JS> var newConnection = shell.connect({host: 'sysintserver.mysql.database.azure.com',port: 3306,user: 'bjoern',
password: 'bjoern'});
Creating a session to 'bjoern@sysintserver.mysql.database.azure.com:3306'
Fetching schema names for auto-completion... Press ^C to stop.
Your MySQL connection id is 1937
Server version: 8.0.35 Source distribution
No default schema selected; type \use <schema> to set one.
MySQL sysintserver.mysql.database.azure.com:3306 ssl JS> |
```

Som default er den sat til at tage imod javascript kald, men jeg ville hellere prøve at bruge SQL kald, så jeg skiftede interfacet fra JS til SQL:



```
MySQL sysintserver.mysql.database.azure.com:3306 ssl JS> \sql
Switching to SQL mode... Commands end with ;
Fetching global names for auto-completion... Press ^C to stop.
Error during auto-completion cache update: Access denied; you need (at least one of) the PROCESS privilege(s) for this o
peration
MySQL sysintserver.mysql.database.azure.com:3306 ssl SQL>
```

Prøver at se hvilke databaser jeg kan connecte til:

```
MySQL Shell
MySQL sysintserver.mysql.database.azure.com:3306 ssl SQL > show databases;
+-----+
| Database |
+-----+
| information_schema |
| metro |
| performance_schema |
+-----+
3 rows in set (0.0374 sec)
MySQL sysintserver.mysql.database.azure.com:3306 ssl SQL > |
```

Information og performance er kedelige at kigge ind i, så jeg bruger den tiltænkte db, metro:

```
MySQL Shell
MySQL sysintserver.mysql.database.azure.com:3306 ssl SQL > show databases;
+-----+
| Database |
+-----+
| information_schema |
| metro |
| performance_schema |
+-----+
3 rows in set (0.0374 sec)
MySQL sysintserver.mysql.database.azure.com:3306 ssl SQL > use metro
Default schema set to 'metro'.
Fetching global names, object names from 'metro' for auto-completion... Press ^C to stop.
Error during auto-completion cache update: Access denied; you need (at least one of) the PROCESS privilege(s) for this operation
MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL > |
```

Får et overblik over hvilke tabeller der er fremvist:

```
MySQL sysintserver.mysql.database.azure.com:3306 ssl SQL > show databases;
+-----+
| Database |
+-----+
| information_schema |
| metro |
| performance_schema |
+-----+
3 rows in set (0.0374 sec)

MySQL sysintserver.mysql.database.azure.com:3306 ssl SQL > use metro
Default schema set to 'metro'.
Fetching global names, object names from 'metro' for auto-completion... Press ^C to stop.
Error during auto-completion cache update: Access denied; you need (at least one of) the PROCESS privilege(s) for this operation

MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL > show tables;
+-----+
| Tables_in_metro |
+-----+
| customers |
| mlines |
+-----+
2 rows in set (0.0376 sec)

MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL > |
```

Kan se at password tabellen ikke er der som den ikke måtte.
Jeg prøver at læse fra mlines hvor jeg kun har læserettigheder:

```
MySQL sysintserver.mysql.database.azure.com:3306 ssl SQL > show databases;
+-----+
| information_schema |
| metro |
| performance_schema |
+-----+
3 rows in set (0.0374 sec)

MySQL sysintserver.mysql.database.azure.com:3306 ssl SQL > use metro
Default schema set to 'metro'.
Fetching global names, object names from 'metro' for auto-completion... Press ^C to stop.
Error during auto-completion cache update: Access denied; you need (at least one of) the PROCESS privilege(s) for this operation

MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL > show tables;
+-----+
| Tables_in_metro |
+-----+
| customers |
| mlines |
+-----+
2 rows in set (0.0376 sec)

MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL > \sql select * from mlines;
+-----+
| idlines | name |
+-----+
| 5 | M1 |
| 6 | M2 |
| 7 | M3 |
| 8 | M4 |
+-----+
4 rows in set (0.0561 sec)

MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL > |
```

Prøver at tilføje en ny mline:

```
MySQL Shell
| performance_schema |
+-----+
3 rows in set (0.0374 sec)
MySQL sysintserver.mysql.database.azure.com:3306 ssl SQL> use metro
Default schema set to 'metro'.
Fetching global names, object names from 'metro' for auto-completion... Press ^C to stop.
Error during auto-completion cache update: Access denied; you need (at least one of) the PROCESS privilege(s) for this operation
MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL> show tables;
+-----+
| Tables_in_metro |
+-----+
| customers       |
| mlines          |
+-----+
2 rows in set (0.0376 sec)
MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL> \sql select * from mlines;
+-----+-----+
| idlines | name |
+-----+-----+
| 5       | M1   |
| 6       | M2   |
| 7       | M3   |
| 8       | M4   |
+-----+-----+
4 rows in set (0.0561 sec)
MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL> \sql insert into mlines (idlines, name) values (9,M5)
ERROR: 1142 (42000): INSERT command denied to user 'bjoern'@'195.249.146.101' for table 'mlines'
MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL> |
```

Får at vide at jeg ikke må. Prøver at update istedet:

```
MySQL Shell
MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL> \sql update mlines set name = 'metro1' where name = 'M1'
ERROR: 1142 (42000): UPDATE command denied to user 'bjoern'@'195.249.146.101' for table 'mlines'
MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL> |
```

Læser ind i customers:

```
MySQL Shell
MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL > \sql select * from customers
+-----+-----+-----+
| idcustomers | name   | age |
+-----+-----+-----+
| 1           | Mikkel | 34  |
| 2           | Lise  | 25  |
| 3           | Jakob | 58  |
| 4           | Mathilde | 40 |
| 5           | John  | 30  |
| 6           | Jane  | 21  |
+-----+-----+-----+
6 rows in set (0.0425 sec)
MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL > |
```

Jeg ændrer navnet på en af brugerne til at være metro1

```
MySQL Shell
+-----+-----+-----+
| idcustomers | name   | age |
+-----+-----+-----+
| 1           | Mikkel | 34  |
| 2           | Lise  | 25  |
| 3           | Jakob | 58  |
| 4           | Mathilde | 40 |
| 5           | John  | 30  |
| 6           | Jane  | 21  |
+-----+-----+-----+
6 rows in set (0.0425 sec)
MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL > \sql update mlines set name = 'metro1' where name = 'Mikkel'
ERROR: 1142 (42000): UPDATE command denied to user 'bjoern'@'195.249.146.101' for table 'mlines'
MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL > \sql update customers set name = 'metro1' where name = 'Mikkel'
Query OK, 1 row affected (0.0816 sec)
Rows matched: 1 Changed: 1 Warnings: 0
MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL > \sql select * from customers
+-----+-----+-----+
| idcustomers | name   | age |
+-----+-----+-----+
| 1           | metro1 | 34  |
| 2           | Lise  | 25  |
| 3           | Jakob | 58  |
| 4           | Mathilde | 40 |
| 5           | John  | 30  |
| 6           | Jane  | 21  |
+-----+-----+-----+
6 rows in set (0.0380 sec)
MySQL sysintserver.mysql.database.azure.com:3306 ssl metro SQL > |
```