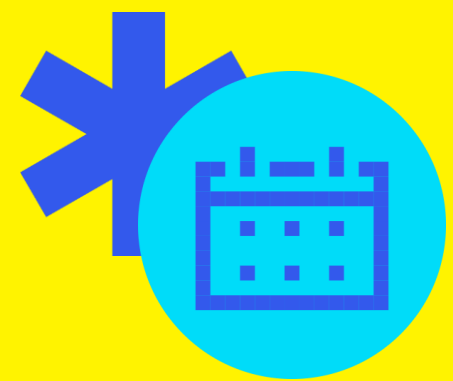




NestJS com TypeScript

[< thefutureisblue.me />](https://thefutureisblue.me)





Agenda

O que vamos aprender?

Instalar MySQL

Instalar Prisma

Create e Read All com o Prisma

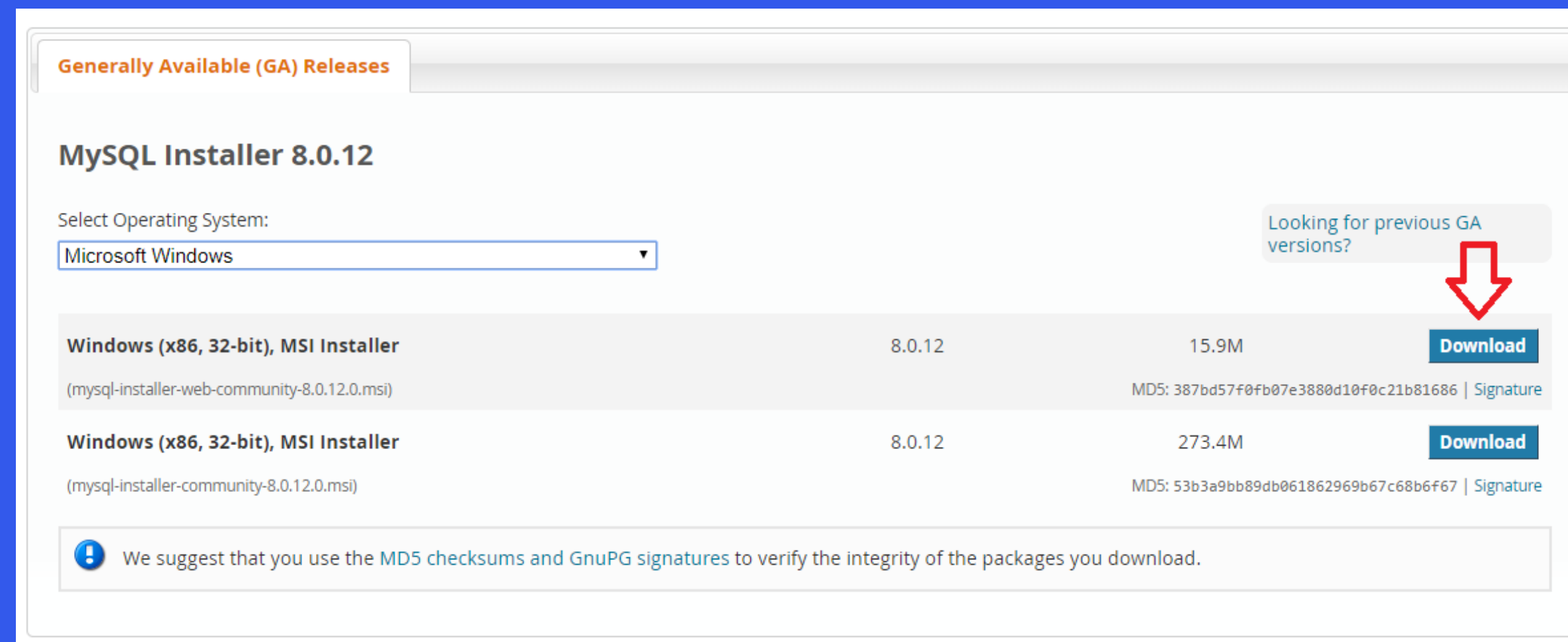


O que é MySQL?

O MySQL é um sistema de gerenciamento de Banco de Dados, que utiliza a linguagem SQL



Instalando o MySQL



Generally Available (GA) Releases

MySQL Installer 8.0.12

Select Operating System:
Microsoft Windows

Looking for previous GA versions?

Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.12.0.msi)	8.0.12	15.9M	Download
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.12.0.msi)	8.0.12	273.4M	Download

MD5: 387bd57f0fb07e3880d10f0c21b81686 | Signature

MD5: 53b3a9bb89db061862969b67c68b6f67 | Signature

! We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.

<https://dev.mysql.com/downloads/installer/>



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Instalando o MySQL

Begin Your Download

mysql-installer-web-community-8.0.12.0.msi

Login Now or Sign Up for a free account.

An Oracle Web Account provides you with the following advantages:

- Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system
- Comment in the MySQL Documentation

Login »

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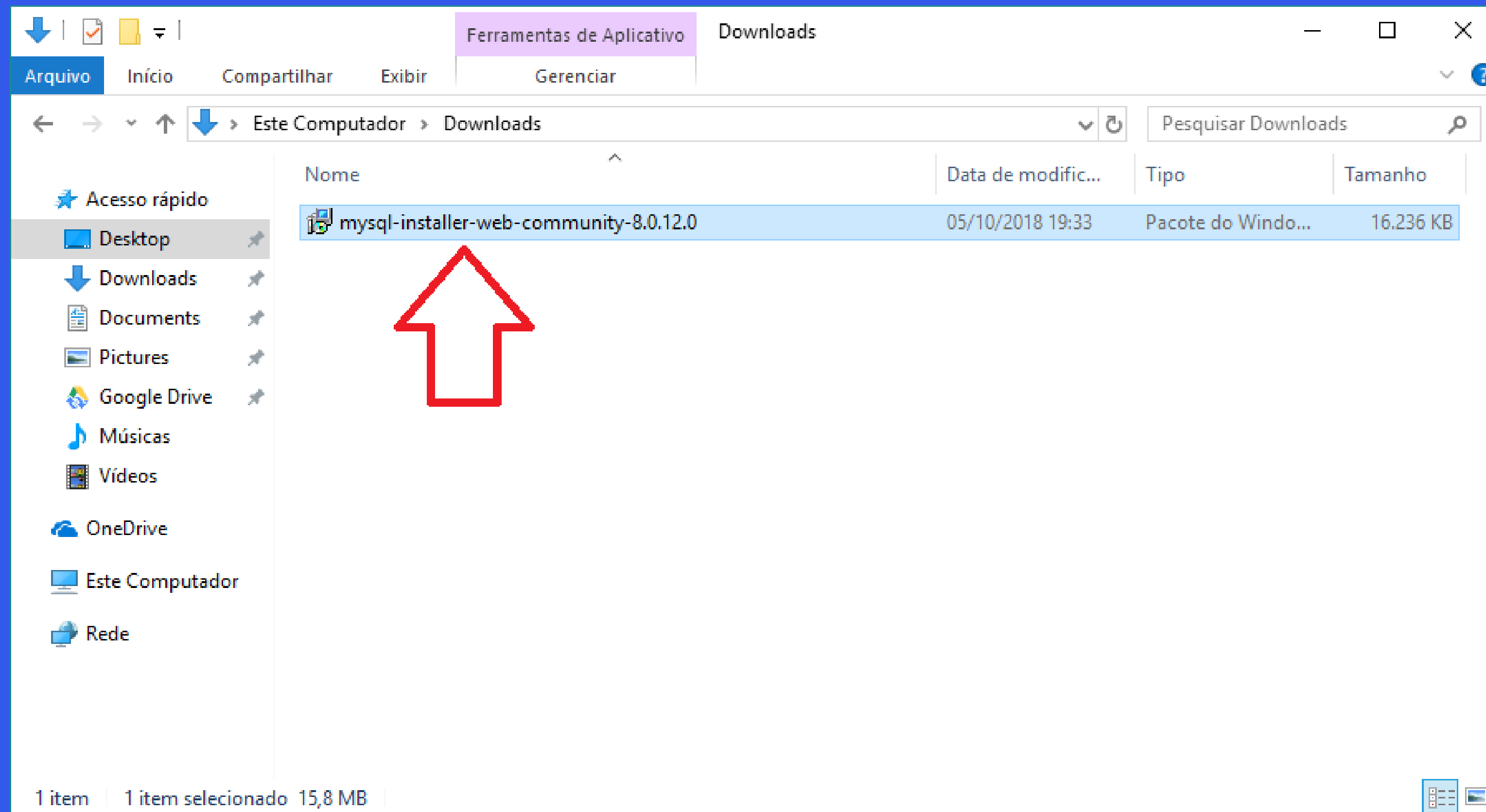
MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can sign up for a free account by clicking the Sign Up link and following the instructions.

No thanks, just start my download.

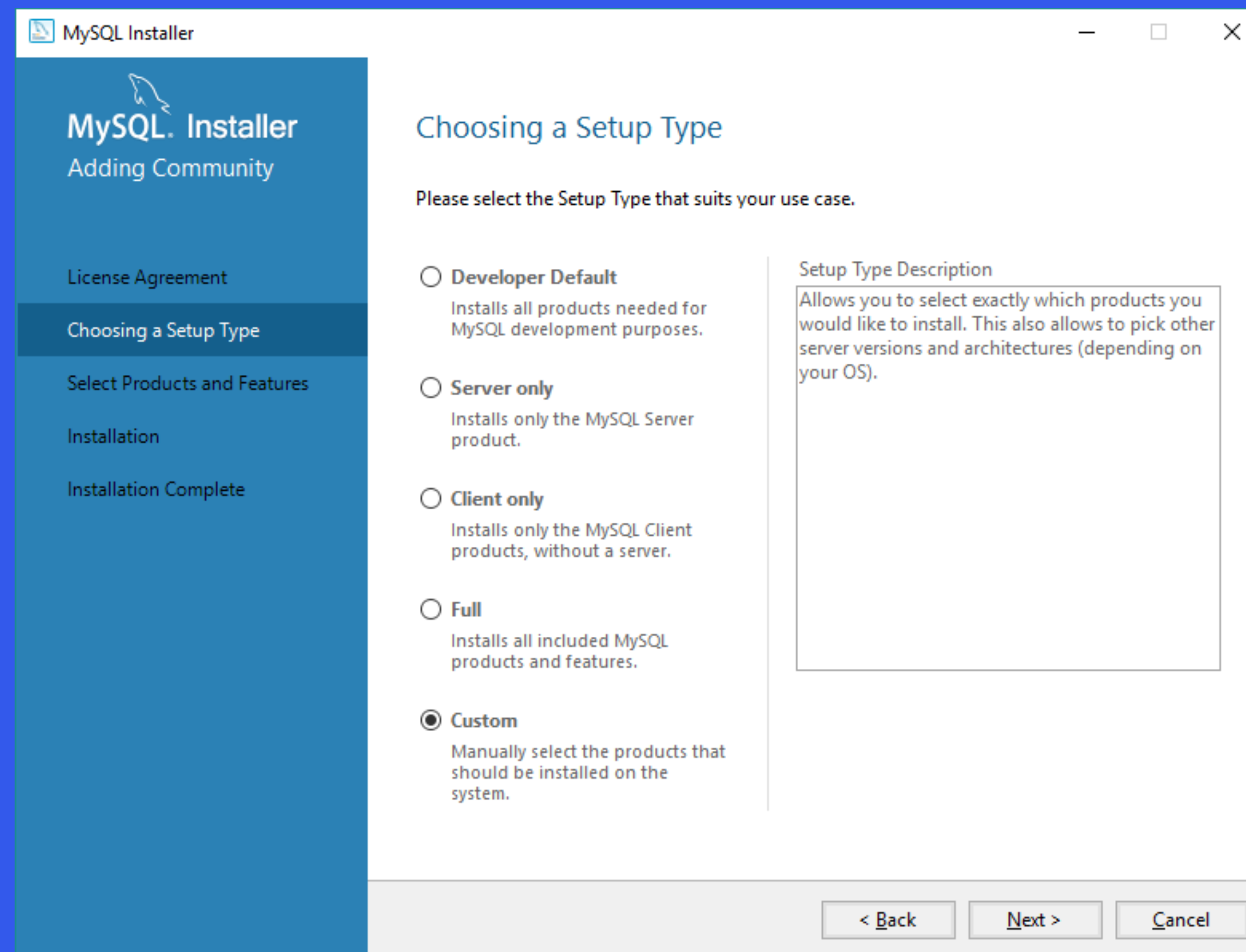


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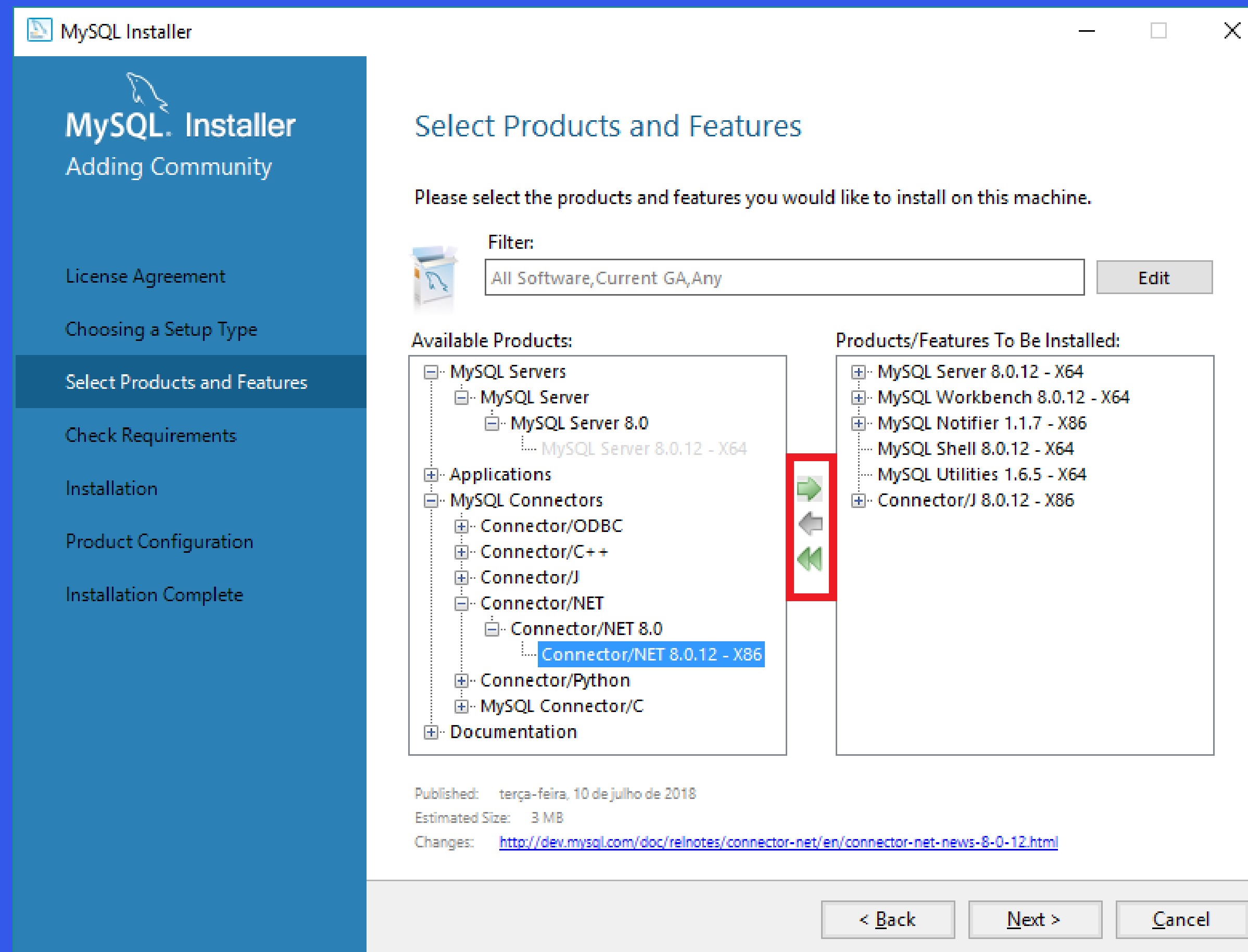
Instalando o MySQL



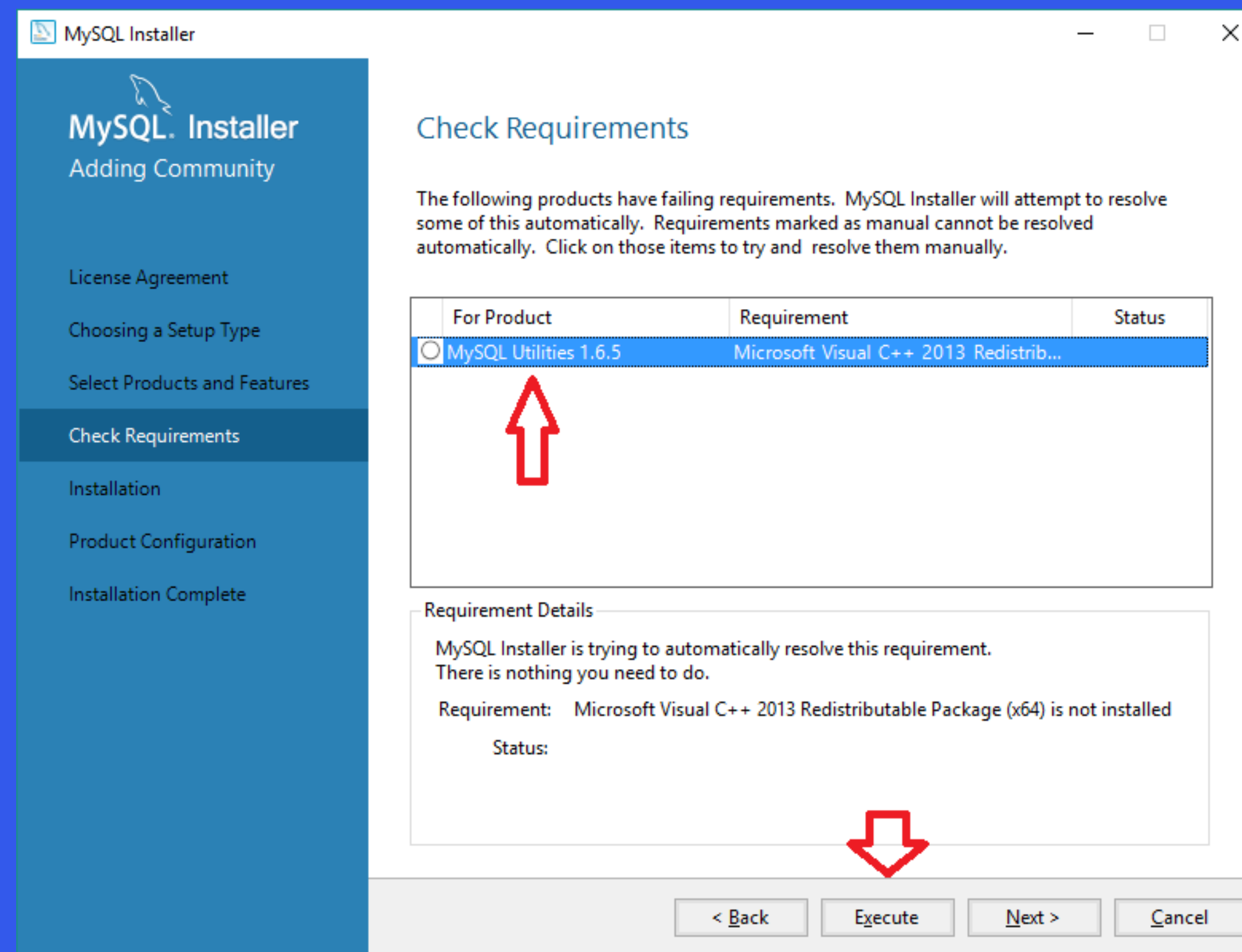
Instalando o MySQL



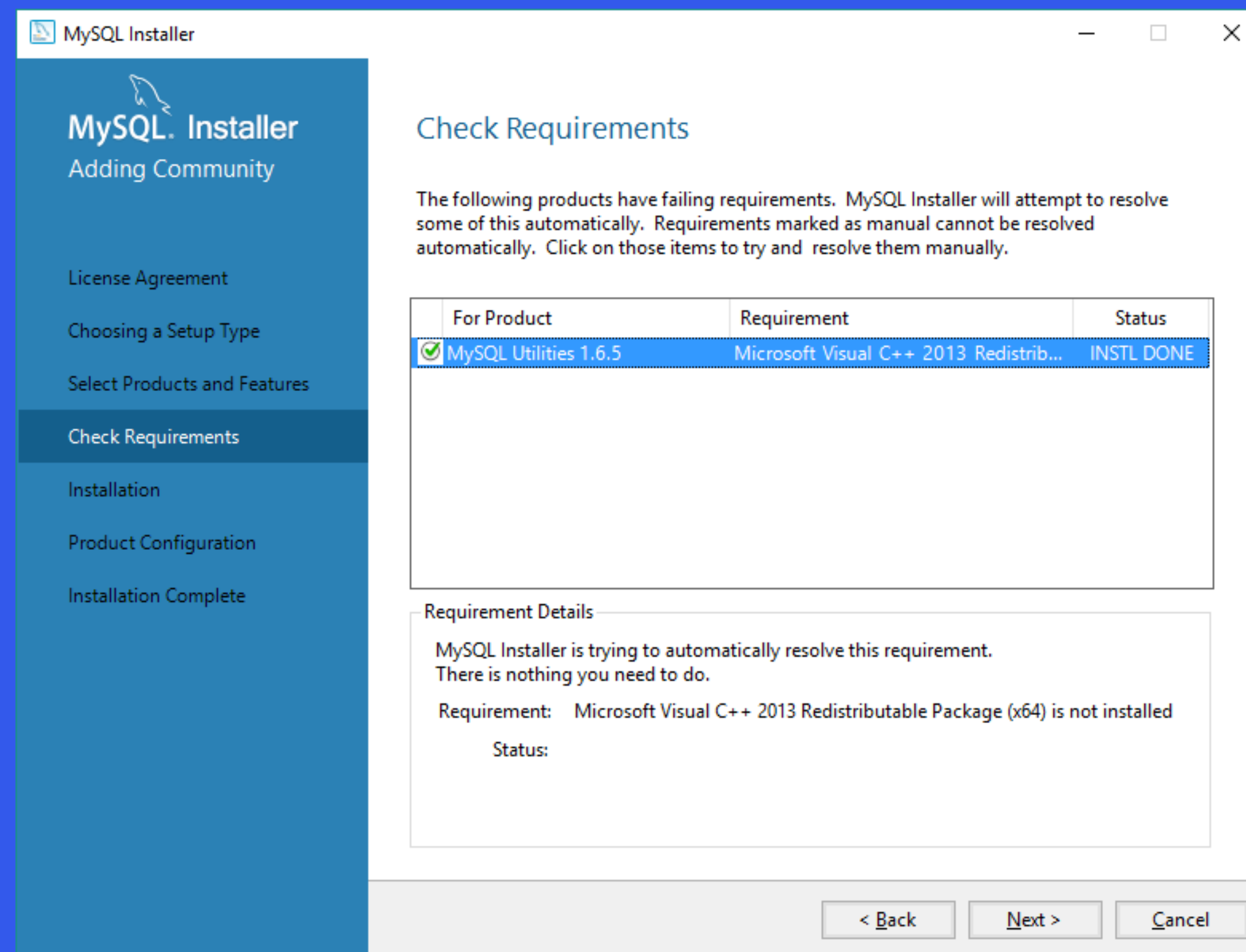
Instalando o MySQL



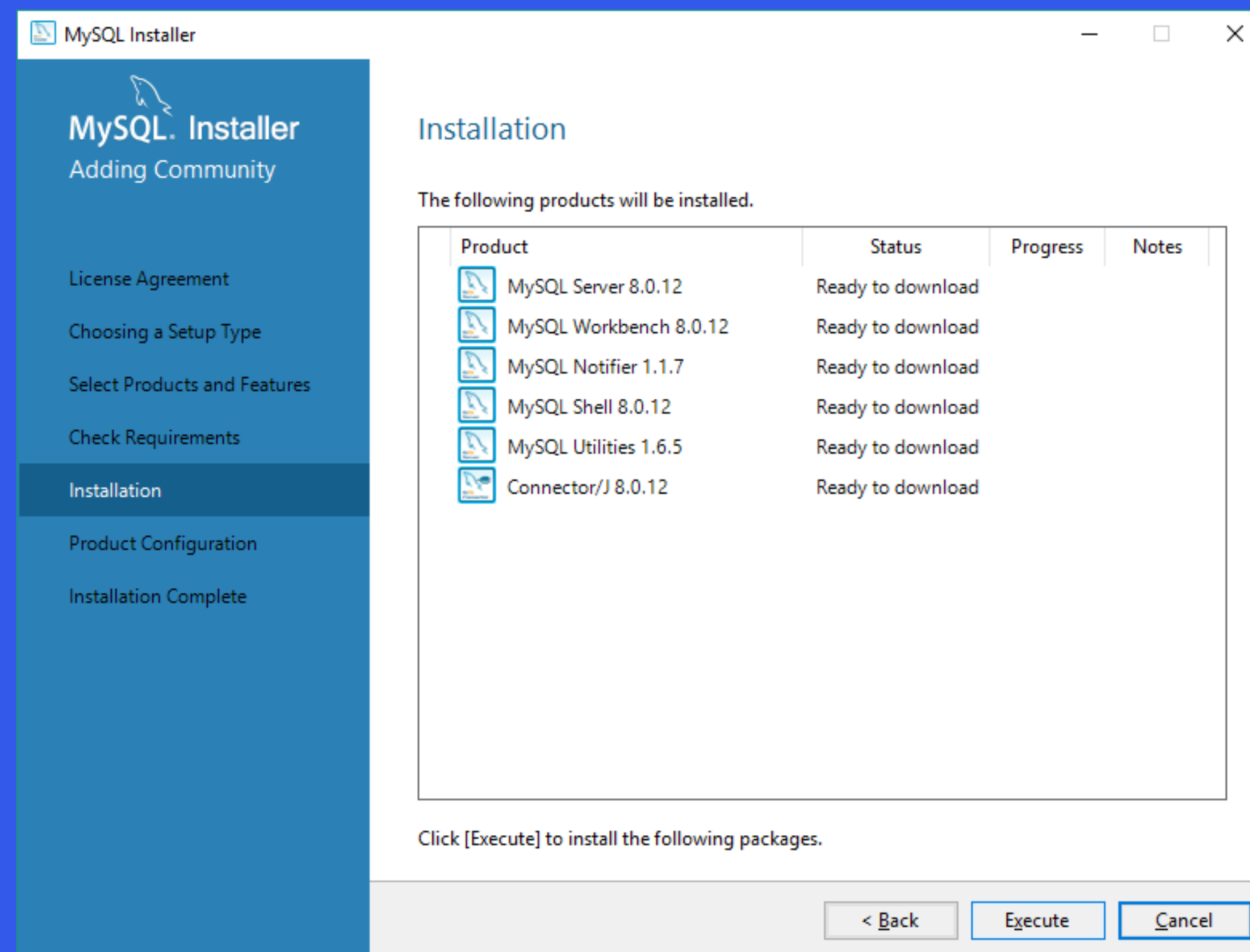
Instalando o MySQL



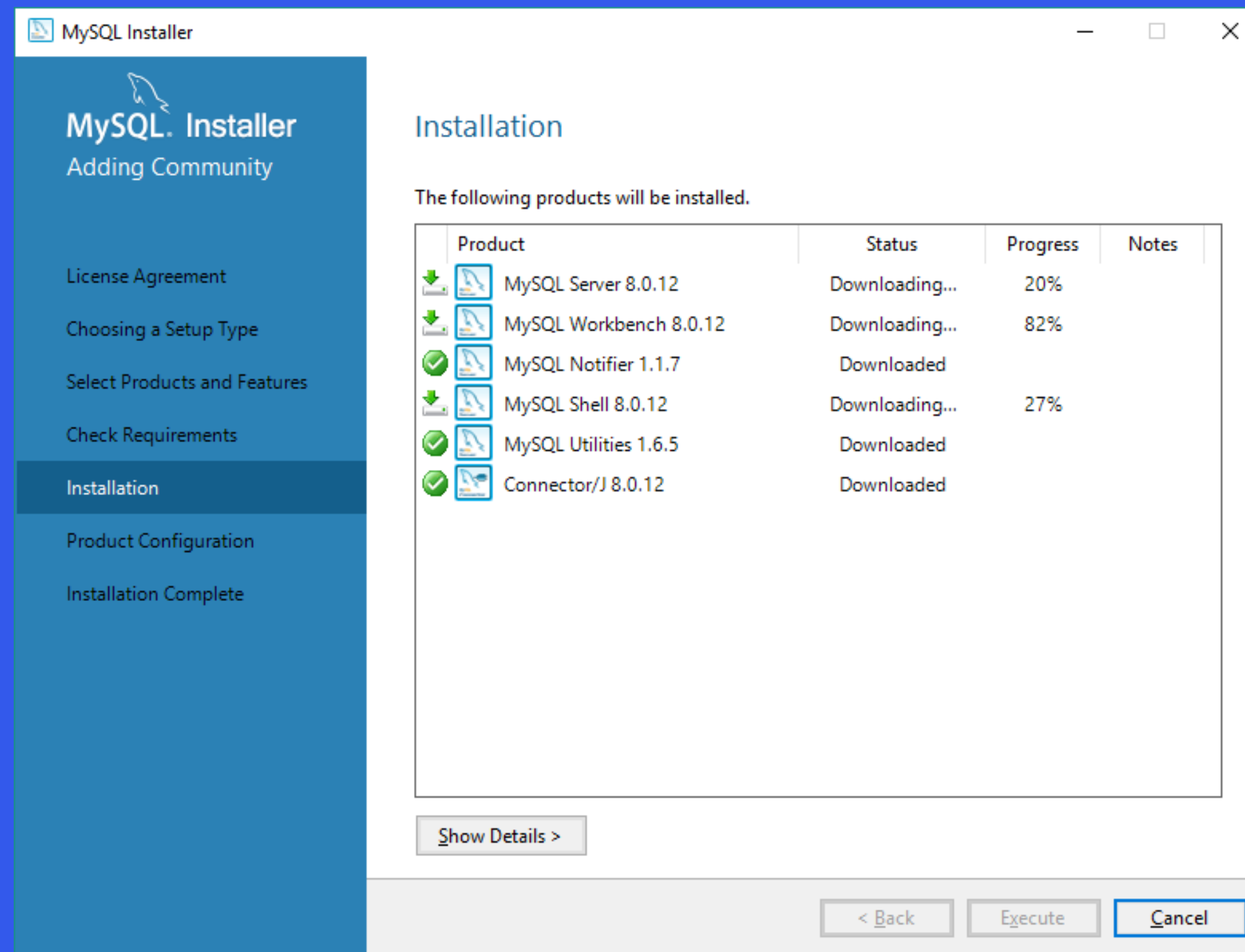
Instalando o MySQL



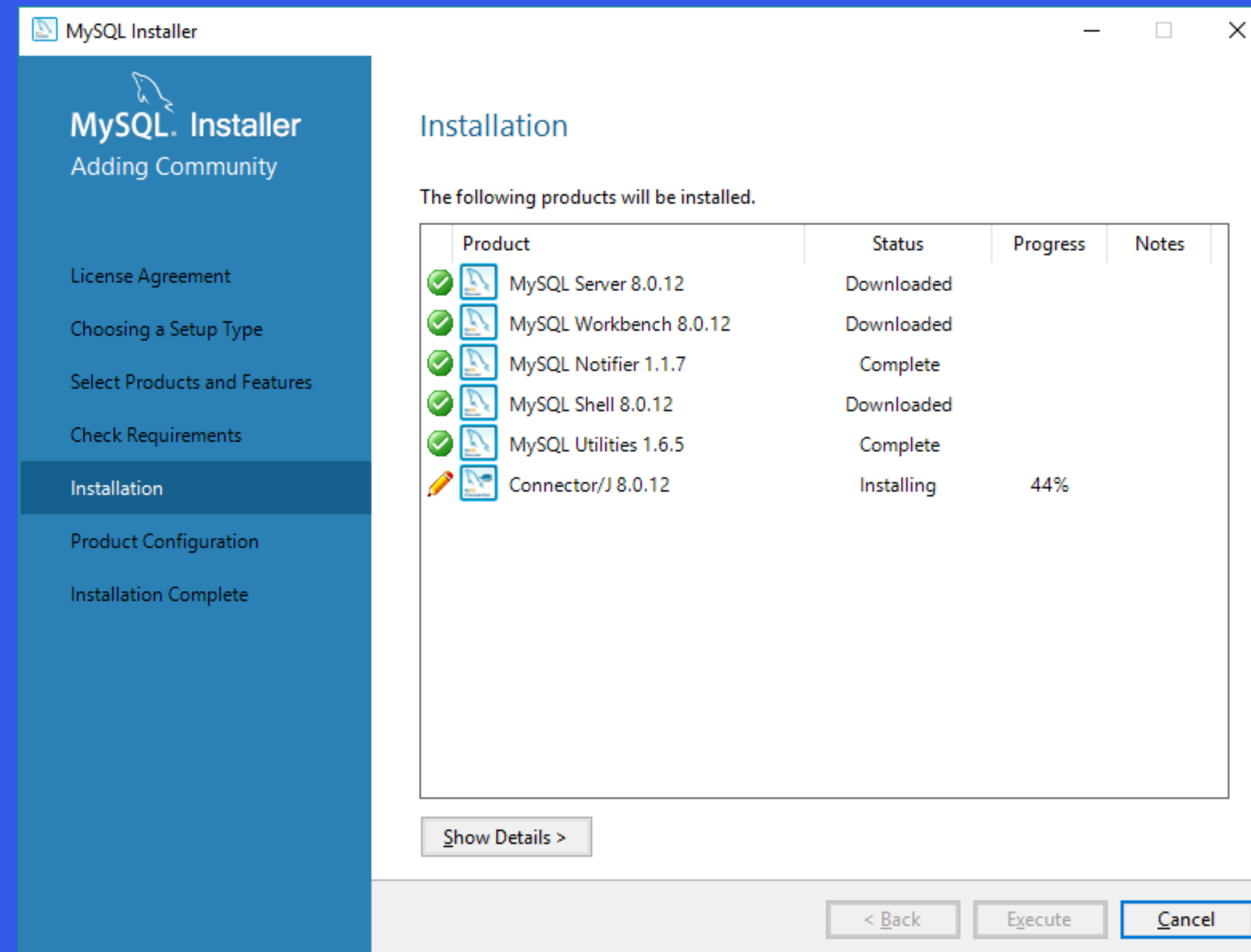
Instalando o MySQL



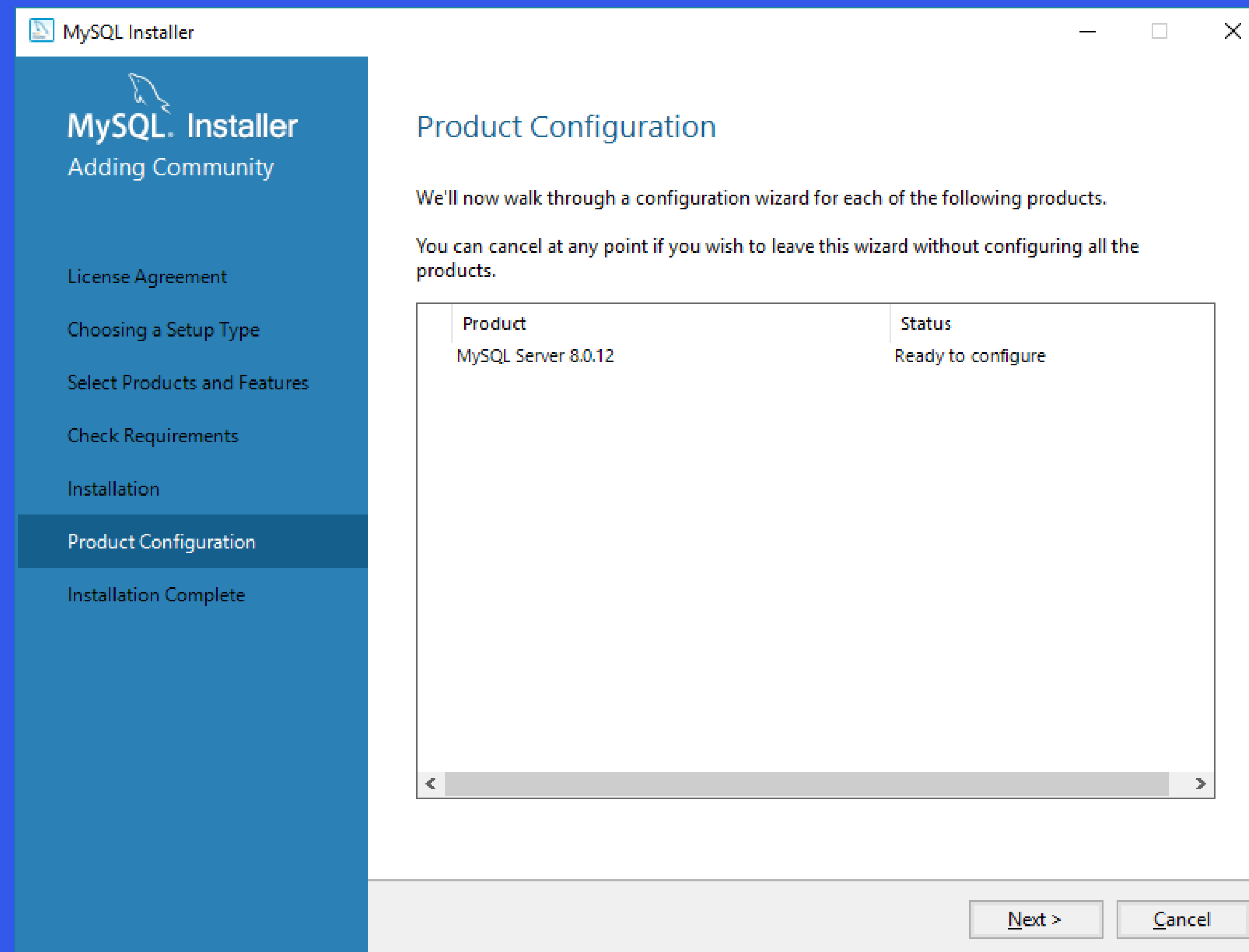
Instalando o MySQL



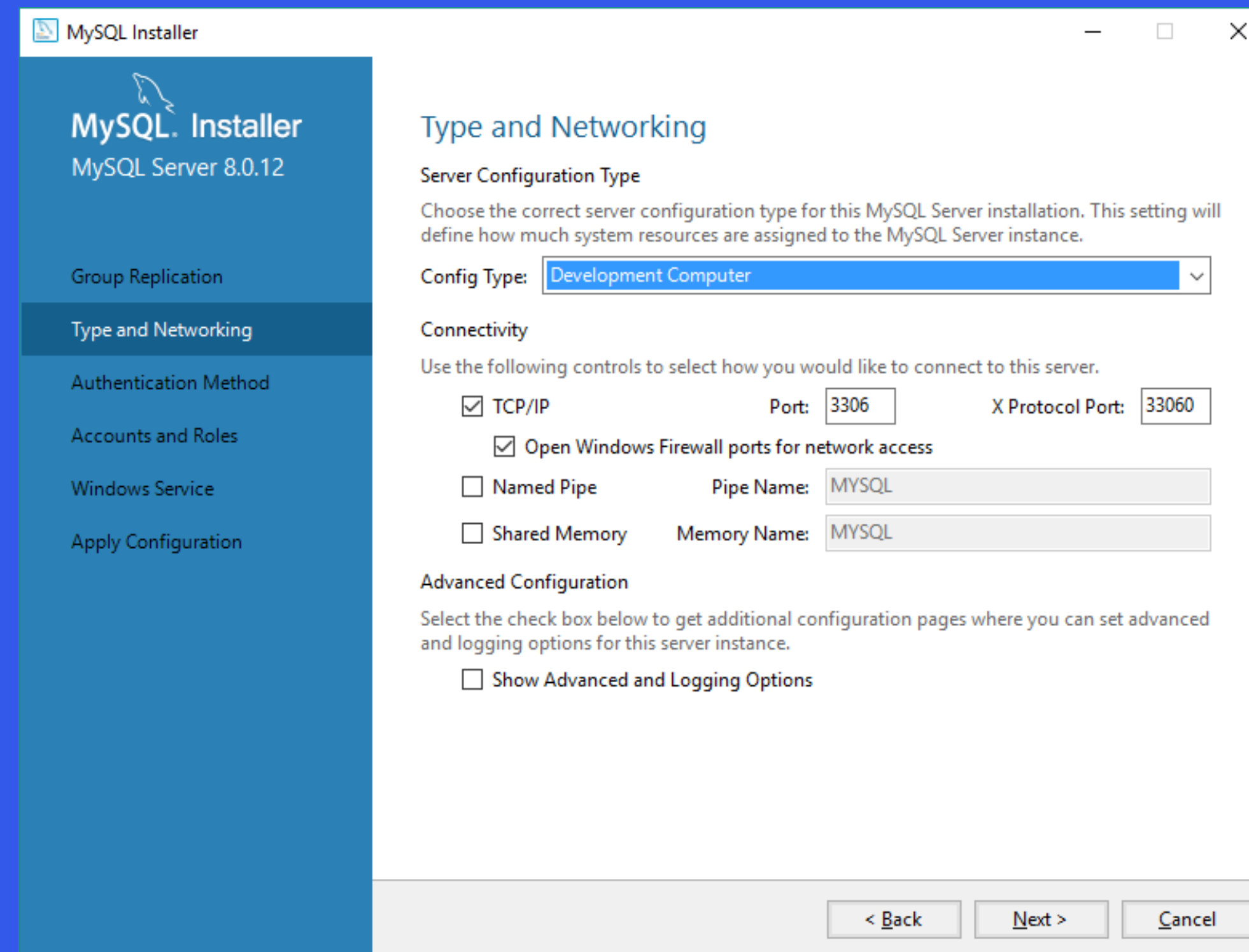
Instalando o MySQL



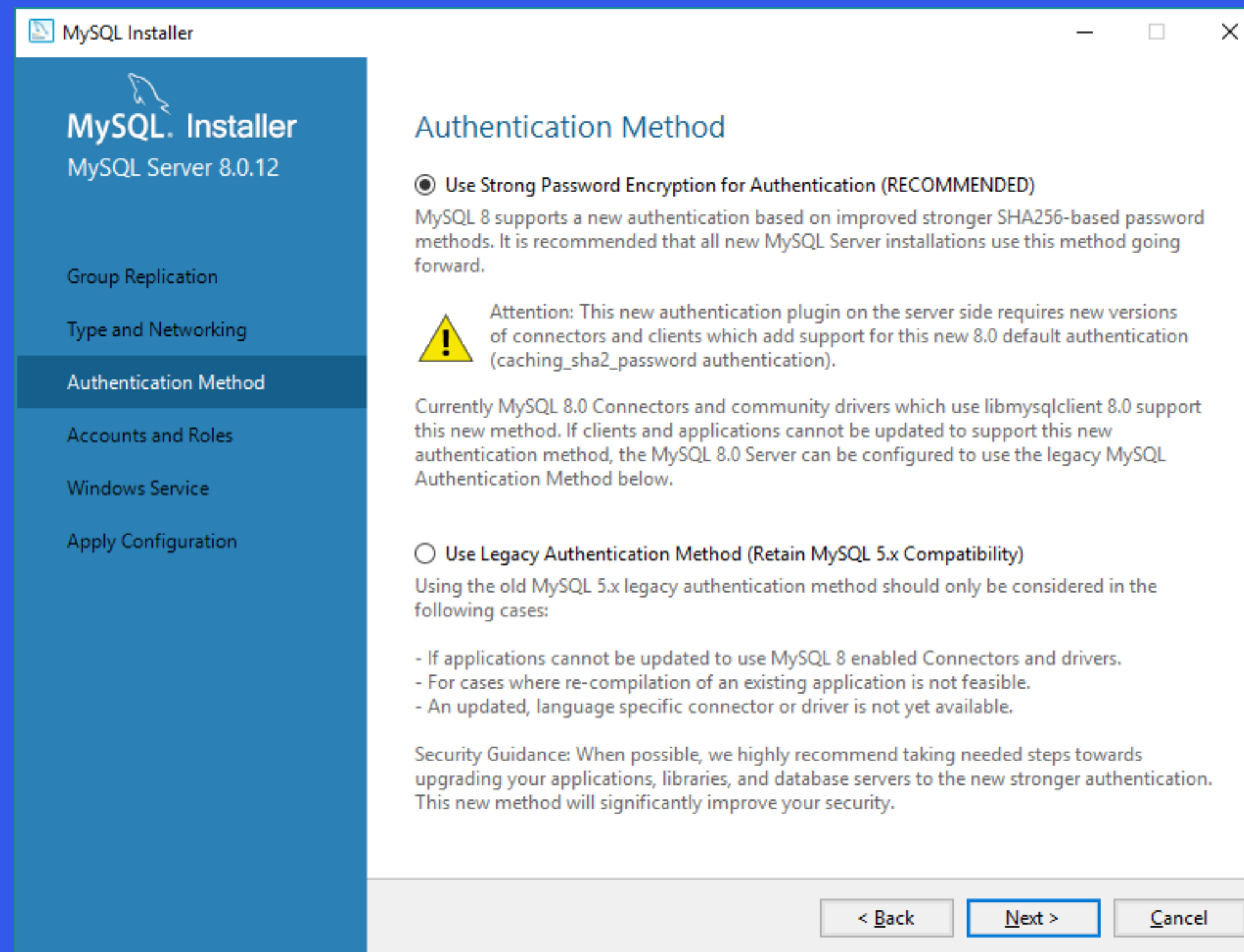
Instalando o MySQL



Instalando o MySQL



Instalando o MySQL



Instalando o MySQL

The screenshot shows the MySQL Installer window for MySQL Server 8.0.12. The left sidebar contains the following steps: Group Replication, Type and Networking, Authentication Method, Accounts and Roles (highlighted), Windows Service, and Apply Configuration. The main area is titled 'Accounts and Roles' and contains two sections. The first section, 'Root Account Password', instructs the user to enter a password for the root account and provides two input fields for the password and its repeat. The password strength is indicated as 'Medium'. The second section, 'MySQL User Accounts', instructs the user to create MySQL user accounts and assign roles. It features a table with columns for 'MySQL User Name', 'Host', and 'User Role'. To the right of the table are buttons for 'Add User', 'Edit User', and 'Delete'. At the bottom of the window are navigation buttons: '< Back', 'Next >', and 'Cancel'.

MySQL Installer

MySQL Server 8.0.12

- Group Replication
- Type and Networking
- Authentication Method
- Accounts and Roles**
- Windows Service
- Apply Configuration

Accounts and Roles

Root Account Password
Enter the password for the root account. Please remember to store this password in a secure place.

MySQL Root Password:

Repeat Password:

Password strength: **Medium**

MySQL User Accounts
Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

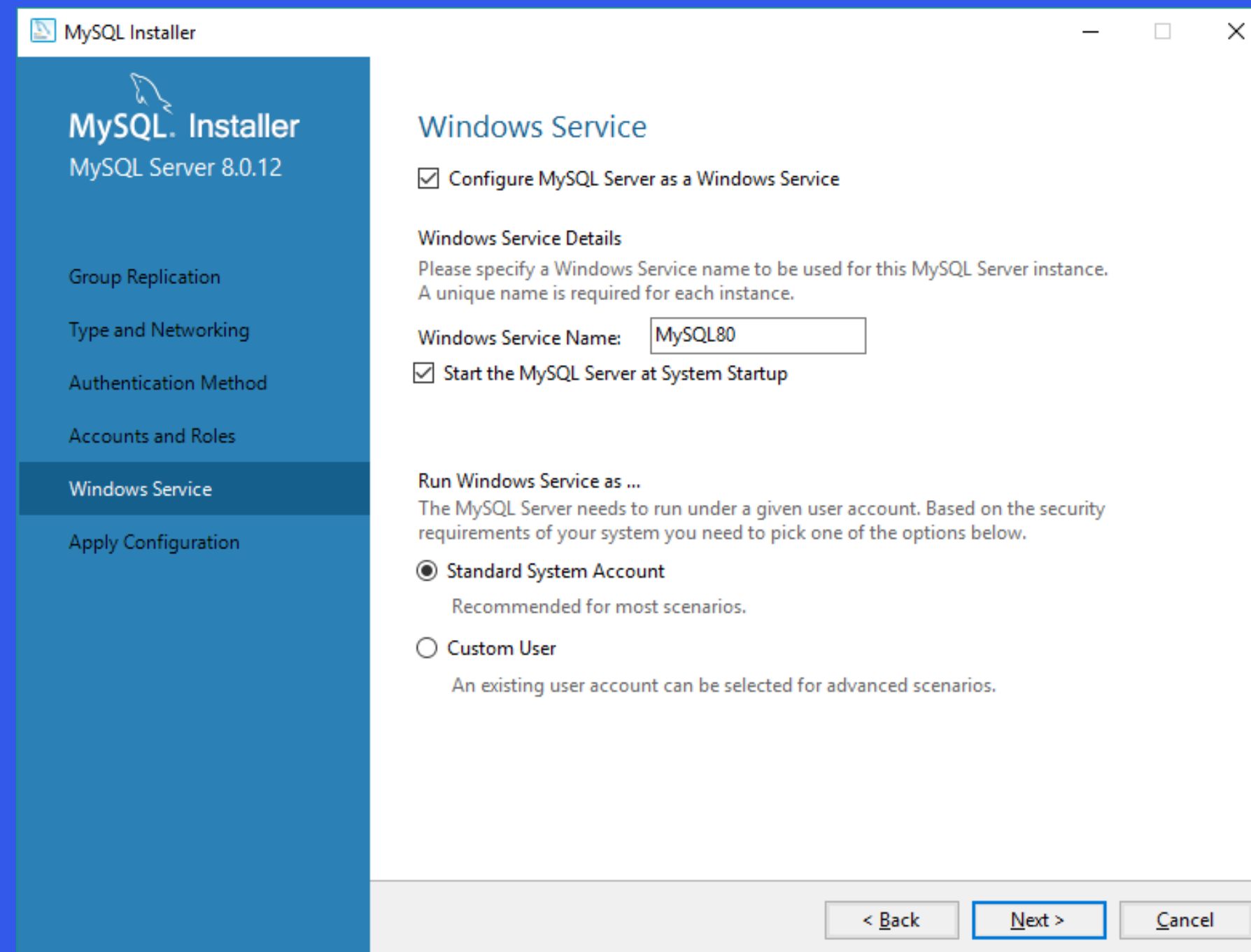
MySQL User Name	Host	User Role
-----------------	------	-----------

[Add User](#)
[Edit User](#)
[Delete](#)

[< Back](#) [Next >](#) [Cancel](#)



Instalando o MySQL



O que é **Prisma**?



ORM Open-Source



Instalando o projeto

```
npm install prisma --save-dev
```

```
npx prisma
```

```
npx prisma init
```





Prisma Model

```
// This is your Prisma schema file,  
// learn more about it in the docs: https://pris.ly/d/prisma-schema  
  
datasource db {  
  provider = "mysql"  
  url      = env("DATABASE_URL")  
}  
  
generator client {  
  provider = "prisma-client-js"  
}  
  
model Filme {  
  id      Int      @default(autoincrement()) @id  
  nome    String   @unique  
  imagem  String?  
}
```





Prisma Service

```
import {
  INestApplication,
  Injectable,
  OnModuleInit,
  OnModuleDestroy,
} from '@nestjs/common';
import { PrismaClient } from '@prisma/client';

@Injectable()
export class PrismaService extends PrismaClient implements OnModuleInit {
  async onModuleInit() {
    await this.$connect();
  }

  async enableShutdownHooks(app: INestApplication) {
    this.$on('beforeExit', async () => {
      await app.close();
    });
  }
}
```





Service se conectando com o Prisma

```
async getAll(): Promise<Filme[]> {  
  return this.prisma.filme.findMany();  
}  
  
async createFilme(data: Prisma.FilmeCreateInput): Promise<Filme> {  
  return this.prisma.filme.create({  
    data,  
  });  
}
```



Botando para rodar!

Criando uma Aplicação com NestJs



**Hora do
cafezinho!**



Pesquisa

Por hoje é só!
Obrigado! =)