

PROJECT DOCUMENT

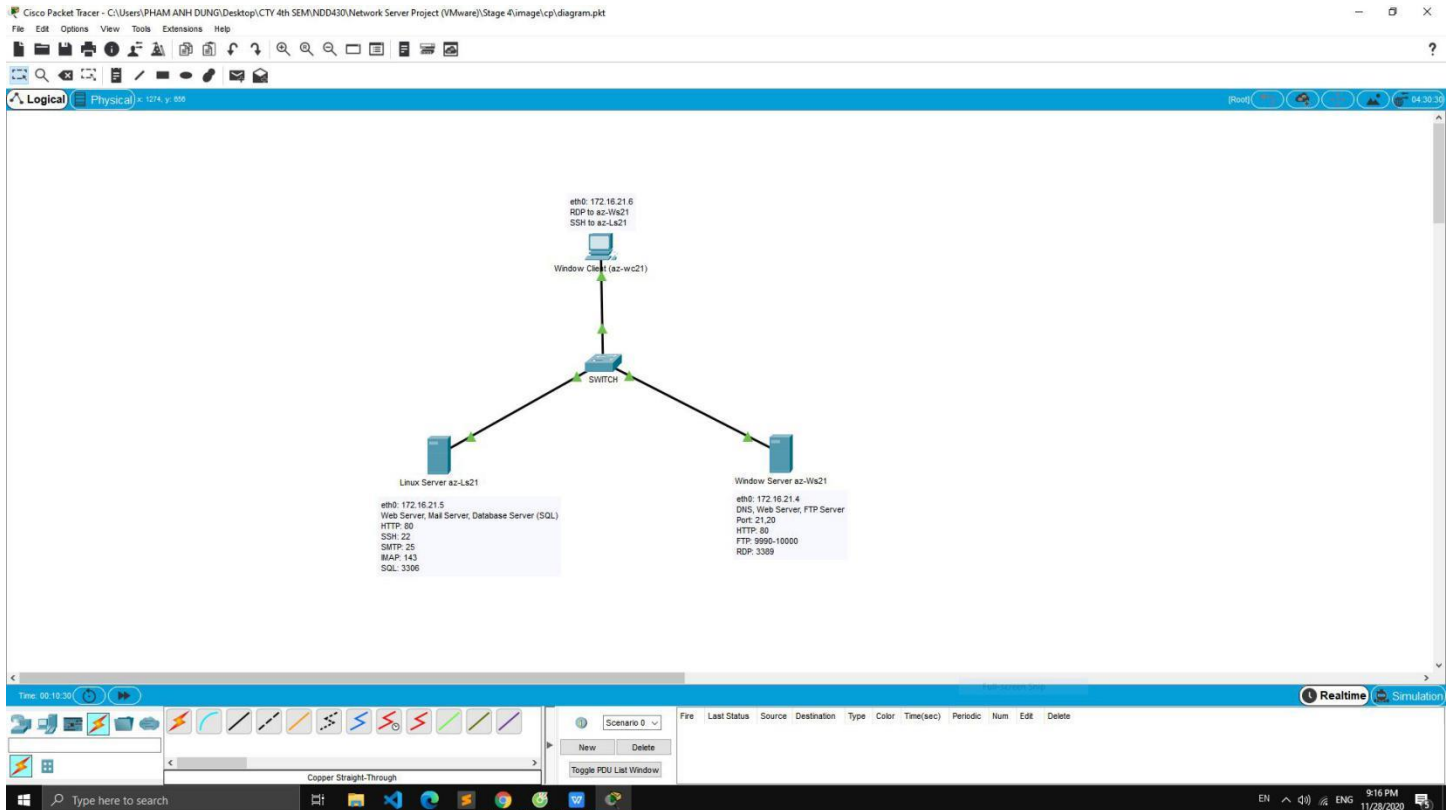
The background of the page is composed of several overlapping diagonal stripes. A wide, dark blue stripe runs from the top right towards the bottom left. To its left, a teal stripe runs parallel to it. Below the teal stripe, a light gray stripe runs parallel to the others. The stripes are set against a white background, creating a modern, geometric design.

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Create a network Diagram that displays the topology and includes:

- **ip addressing information for all interfaces**
- **A list of services being hosted by each device**



Mail Server Install (Linux Server, step by step)

1) Install service:

```
yum install postfix
systemctl enable postfix
systemctl start postfix
yum install dovecot
systemctl enable dovecot
systemctl start dovecot
```

2) Configure postfix and dovecot:

Postfix configuration:

```
vi /etc/postfix/main.cf
mydomain = mail.ndd43021.com
myorigin = $mydomain
inet_interfaces = all
mydestination = $mydomain, $myhostname, localhost.$mydomain, localhost
mailbox_command = /usr/libexec/dovecot/dovecot-lda -f"$SENDER" -a
"$RECIPIENT"
systemctl restart postfix
```

Dovecot configuration:

```
vi /etc/dovecot/dovecot.conf
protocols = imap
vi /etc/dovecot/conf.d/10-ssl.conf
ssl = yes
vi /etc/dovecot/conf.d/10-auth.conf
disable_plaintext_auth = no
vi /etc/dovecot/conf.d/10-mail.conf
mail_location = maildir:~/Maildir

systemctl restart dovecot
```

3) Create mail account:

```
useradd -m username
passwd username
```

MariaDB Install (Linux Server, step by step)

1) Install service:

```
yum install mariadb-server  
systemctl enable mariadb  
systemctl start mariadb
```

2) Configure MariaDb service:

```
mysql_secure_installation  
Enter current password for root (enter for none): hit Enter button  
Set root password? [Y/n] Y  
New password: type password root for mariadb  
Re-enter new password: type password root again for mariadb  
Remove anonymous users? [Y/n] Y  
Disallow root login remotely? [Y/n] Y  
Remove test database and access to it? [Y/n] Y  
Reload privilege tables now? [Y/n] Y
```

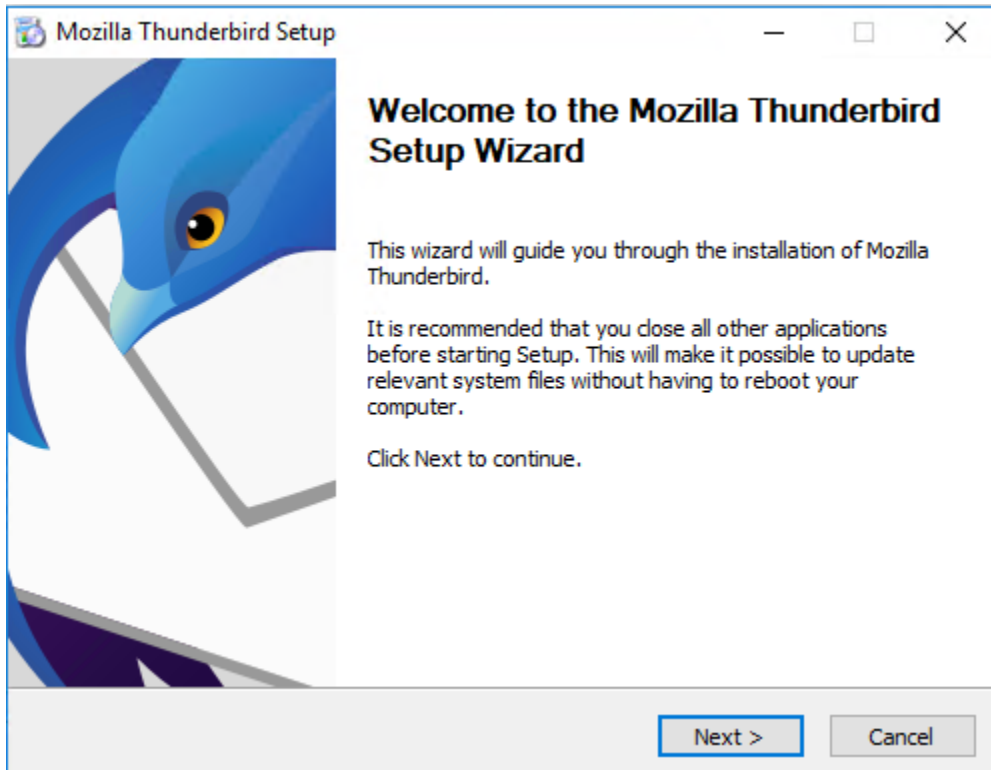
3) Create account:

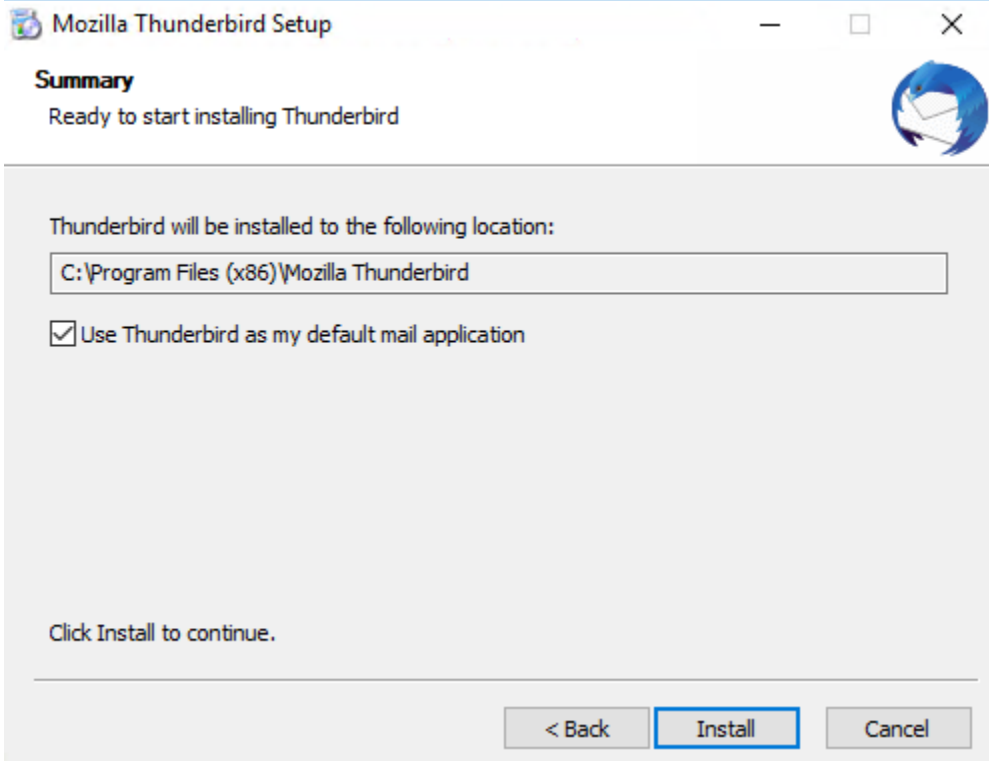
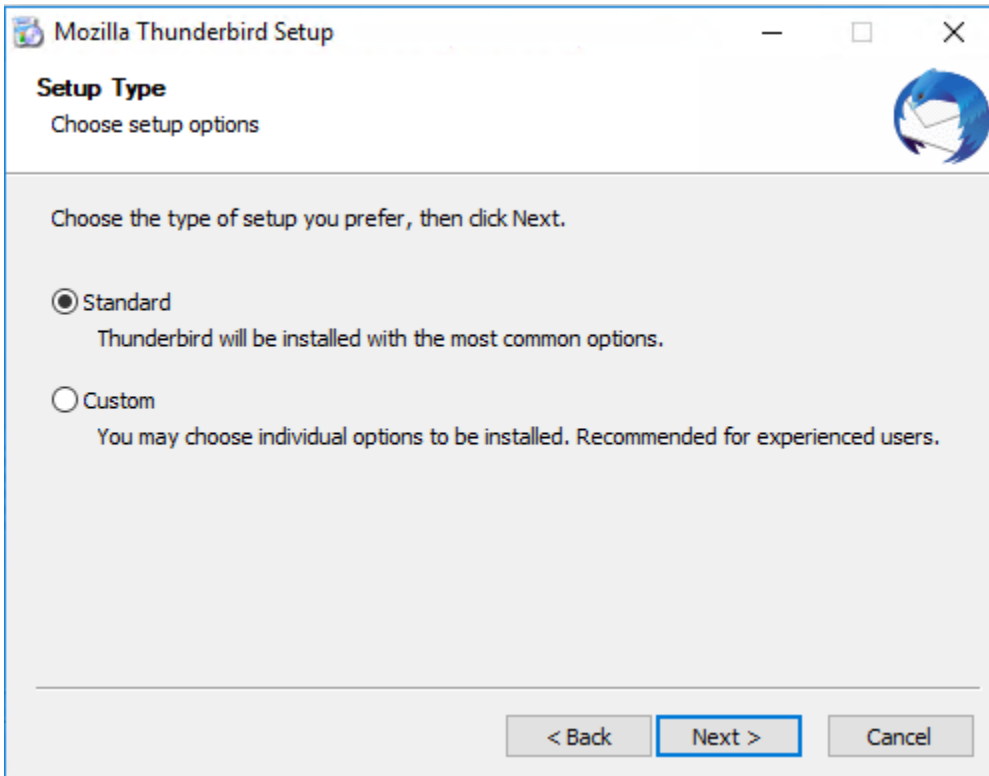
```
mysql -u root -p
```

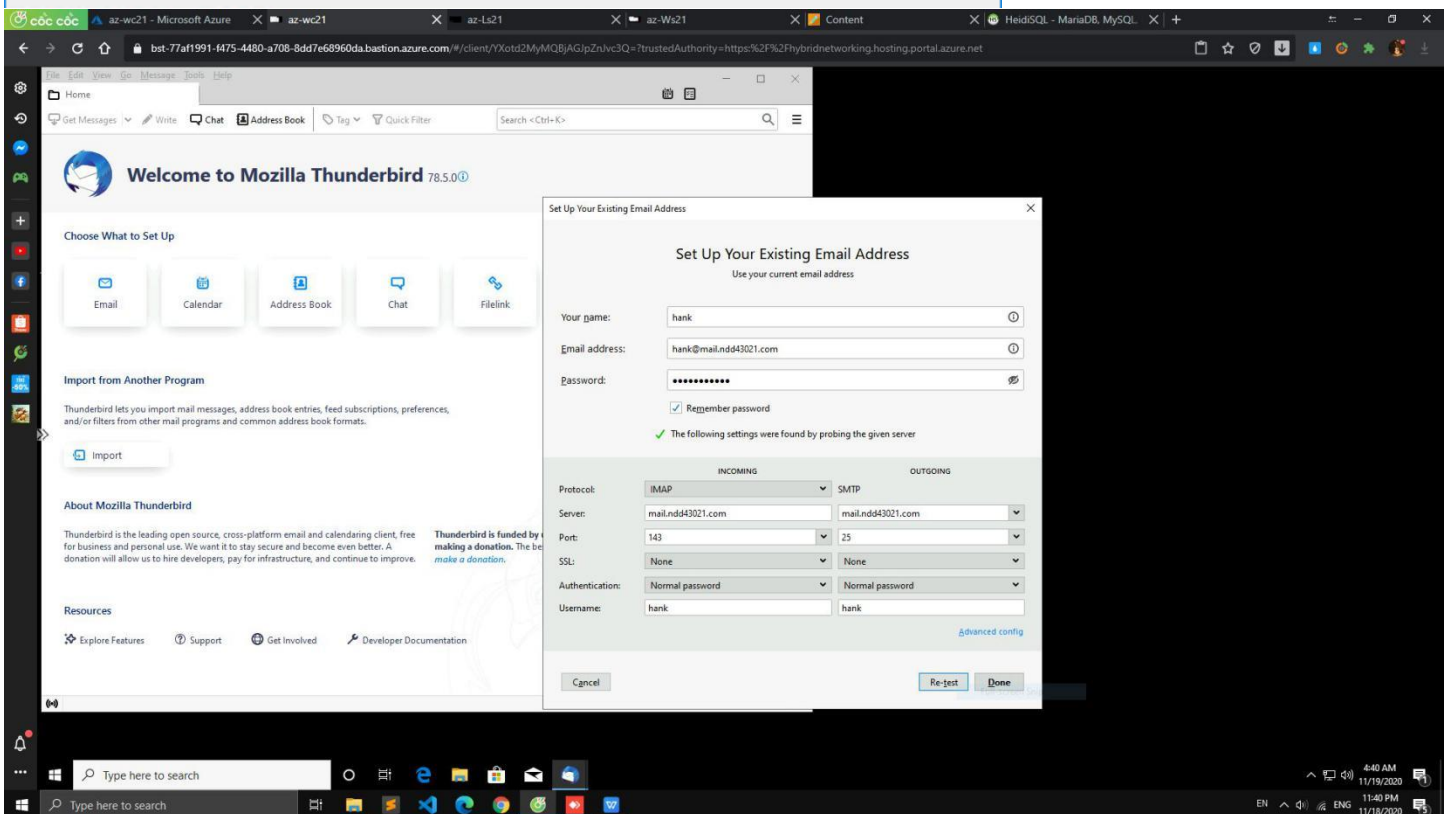
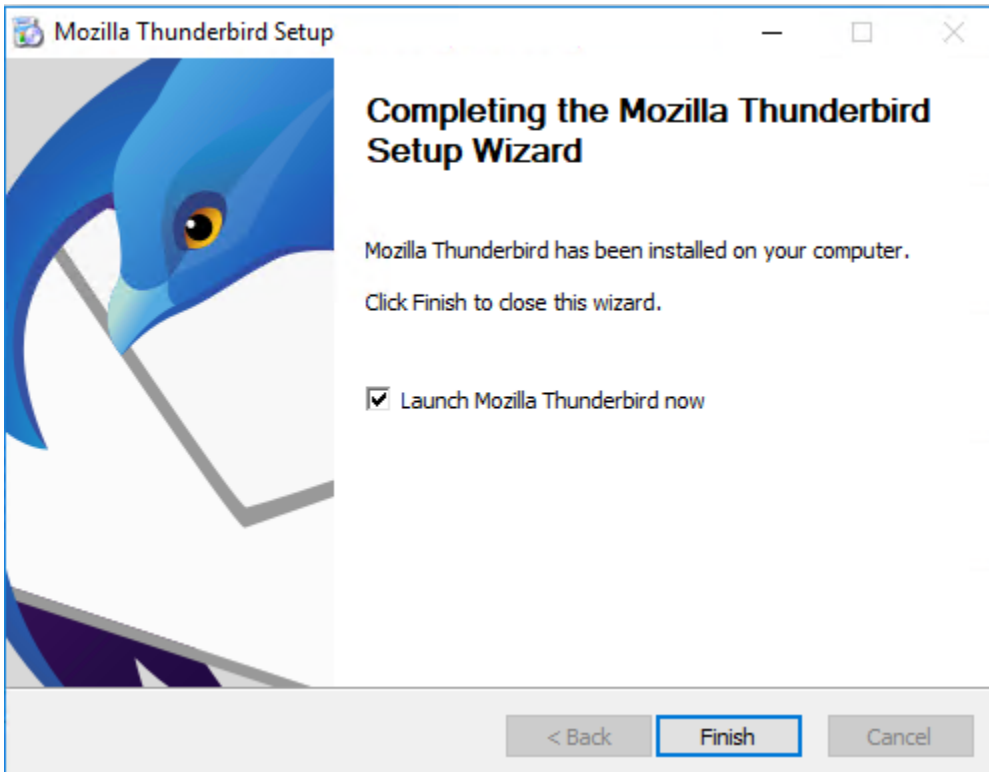
```
GRANT SELECT ON namedb.* TO 'adpham1'@'%' identified by 'Anhdung1302';  
FLUSH PRIVILEGES;
```

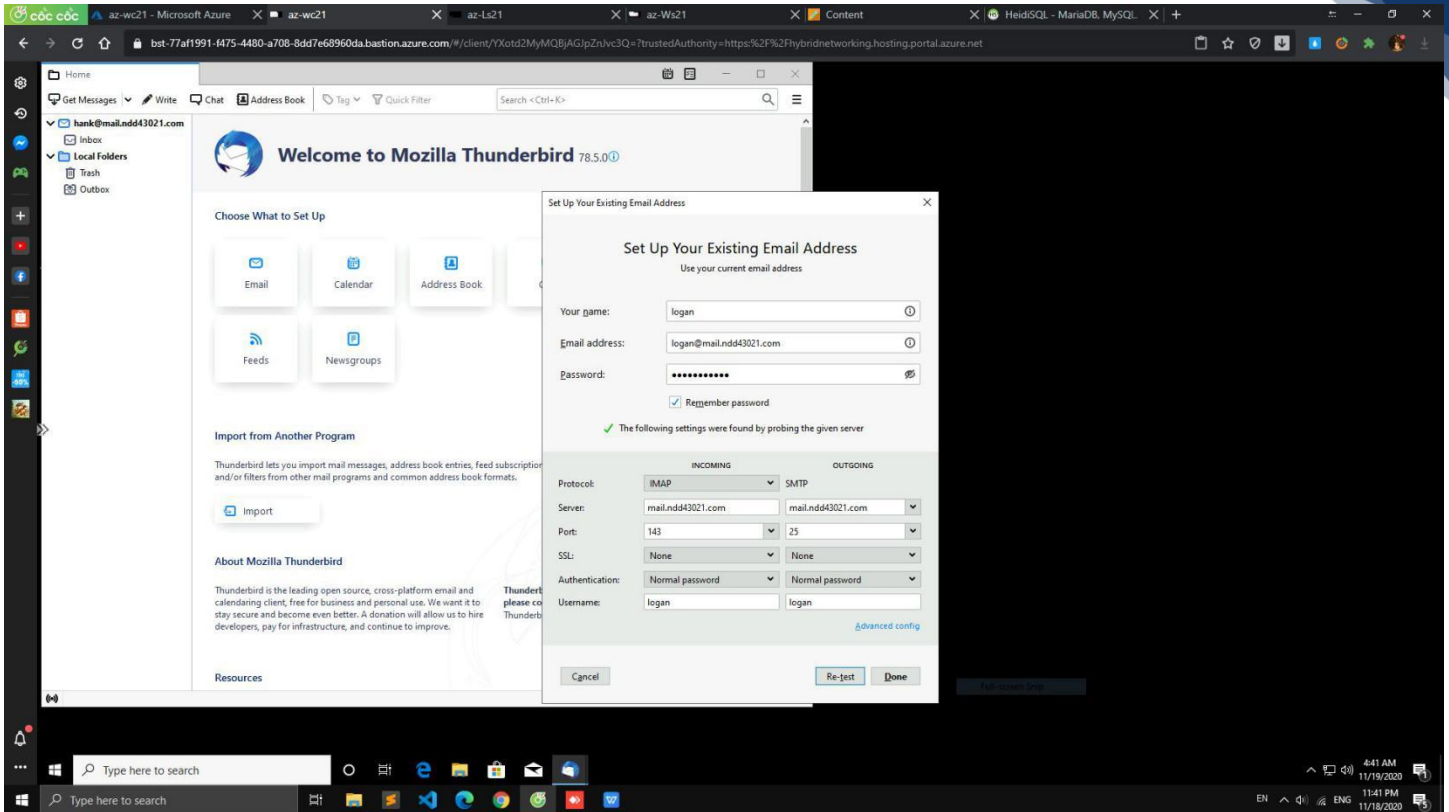
Mail Client Configuration (**Windows Client, step by step**)

Download Mozilla Thunderbird on the Internet (<https://www.thunderbird.net/en-US/>)



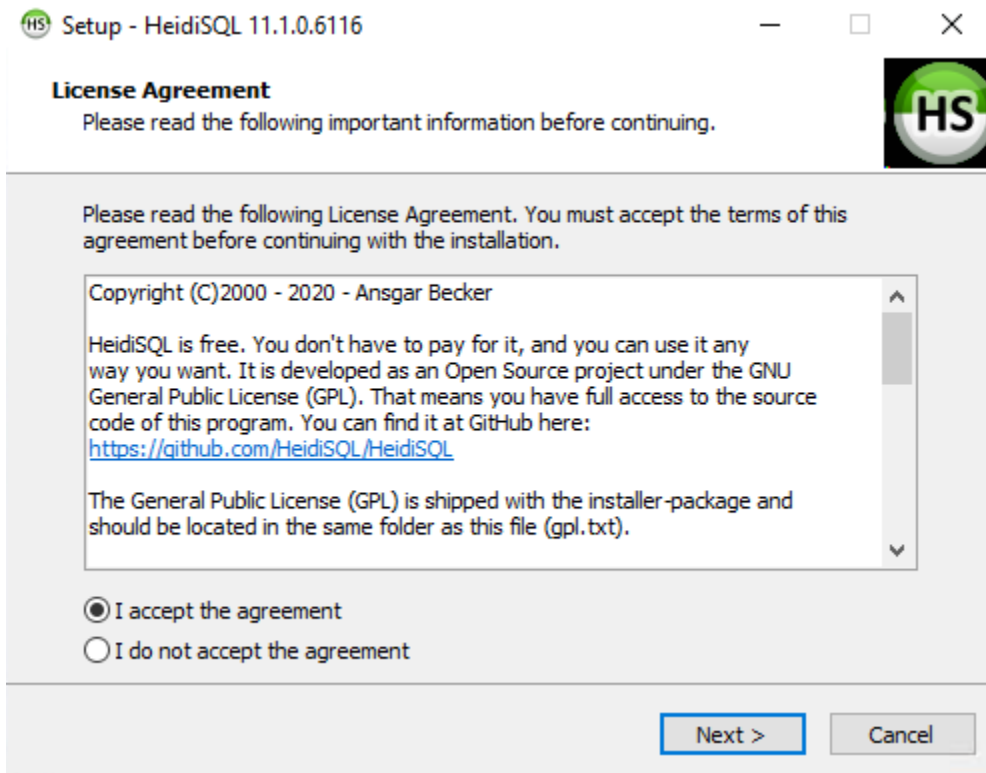


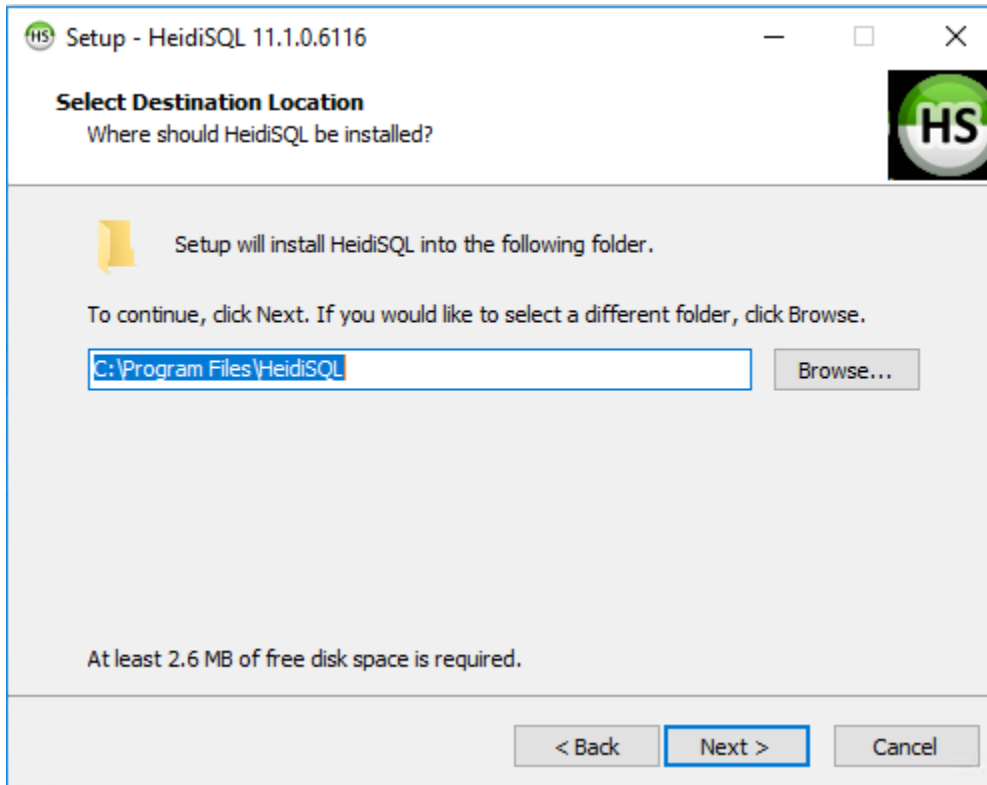


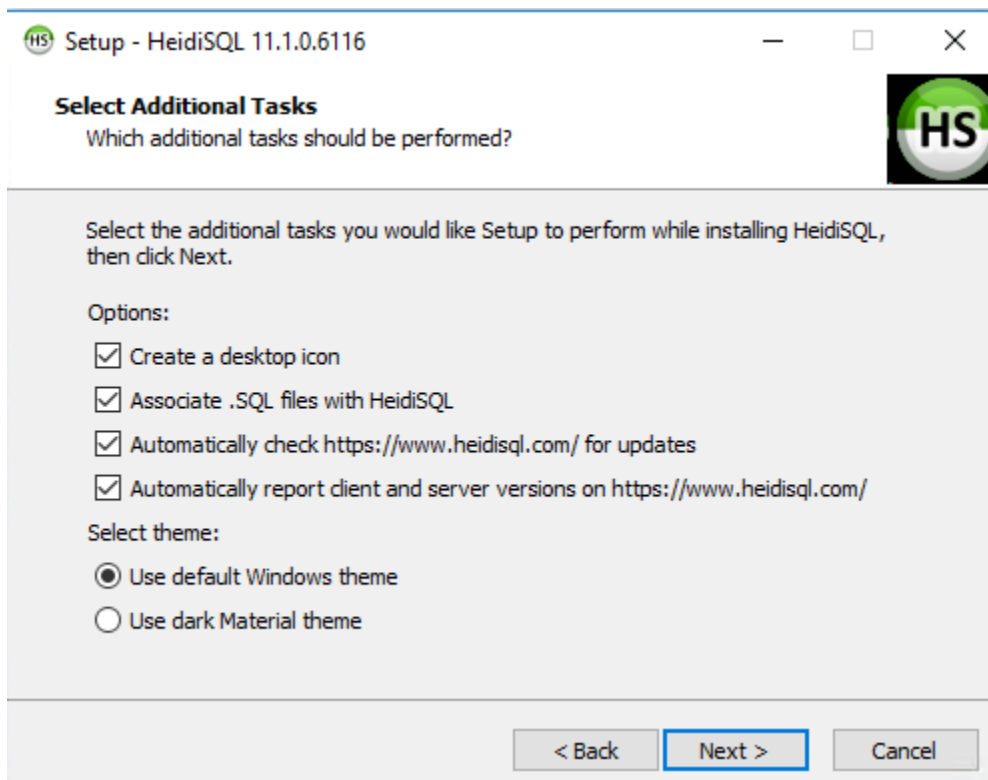
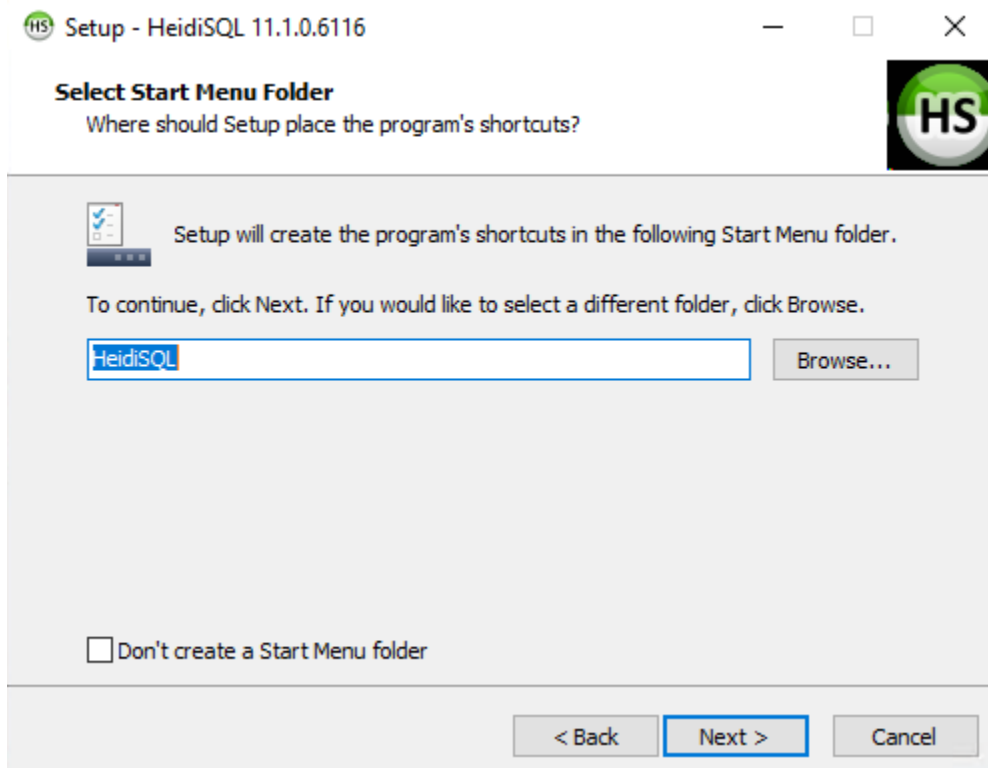


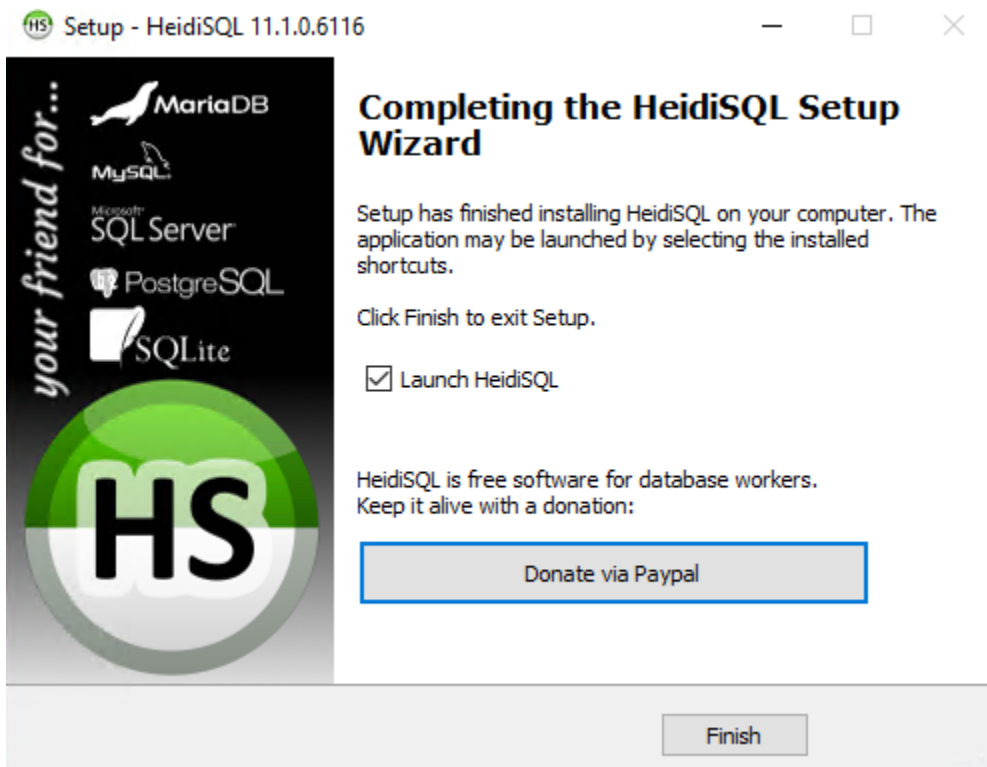
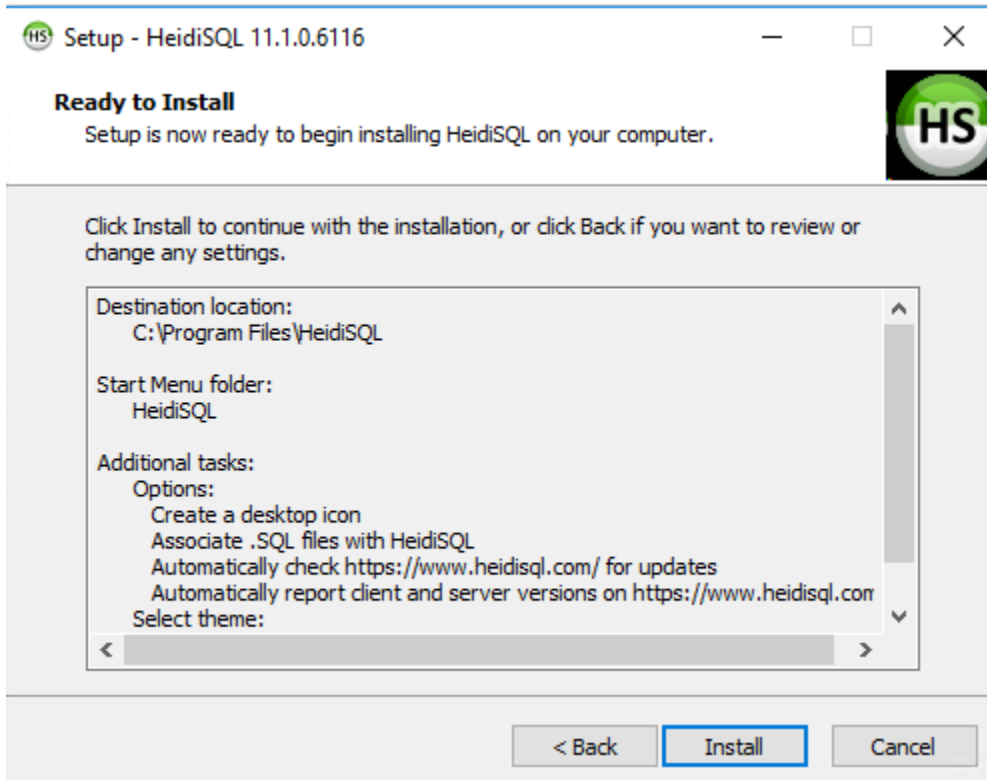
SQL Client Configuration (Windows Client, step by step)

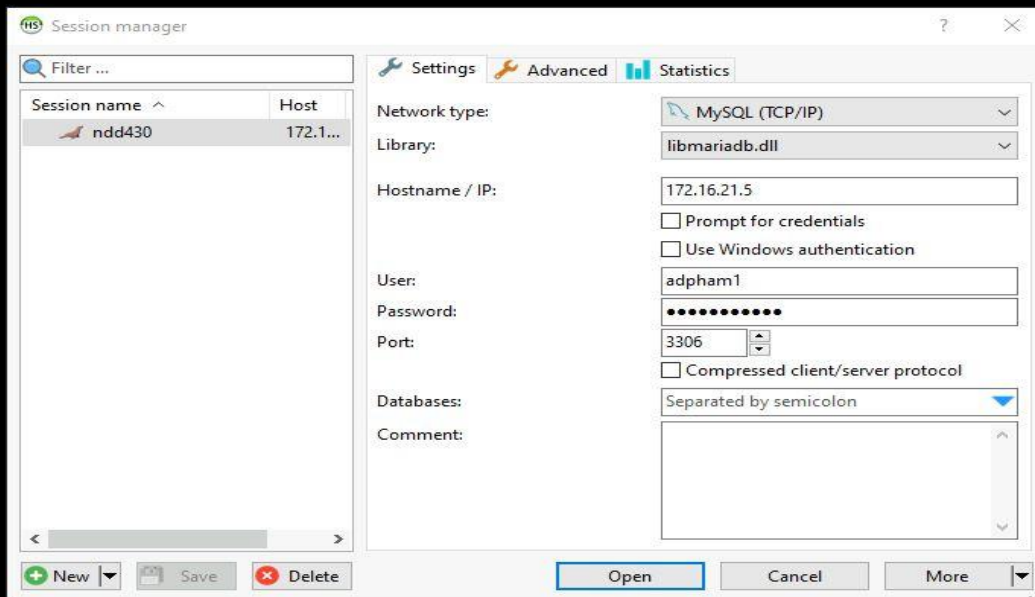
Download HeidiSQL on the Internet (<https://www.heidisql.com/download.php>)











Then Right-click into nnd430 choose, create new -> type database name and click OK

