

Web Hosting

How to access mysql over ssh tunnel

Mysql can be securely access over SSH tunnel.

Accessing remote msql server from Windows via SSH Tunnel

In Windows, mysql connection over ssh can be easily achieved using HeidiSQL software. HeidiSQL could be downloaded from the link given below.

<http://www.heidisql.com/download.php>

Accessing remote msql server from Linux via SSH Tunnel if there is **NO** local mysql server

In Linux, mysql connection over ssh can be opened using 2 bash temrinals.

In "Terminal 1", run following command.

```
=====  
ssh -L 3306:127.0.0.1:3306 <ssh user>@<serverip>  
=====
```

Make sure to replace "<ssh user>" with ssh user name & "<serverip>" with server IP. The command will ask for password of ssh user, please provide it.

In "Terminal 2", run following command

```
mysql -h 127.0.0.1 -u <mysql user> -p -D "database name"
```

Make sure to replace "<mysql user>" with mysql user name The command will ask for password of mysql user, please provide it.

Accessing remote msql server from Linux via SSH Tunnel if there is a local mysql server running

In Linux, mysql connection over ssh can be opened using 2 bash temrinals.

In "Terminal 1", run following command.

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```
=====  
ssh -L 8306:127.0.0.1:3306 <ssh user>@<serverip>  
=====
```

Make sure to replace "<ssh user>" with ssh user name & "<serverip>" with server IP. The command will ask for password of ssh user, please provide it.

In "Terminal 2", run following command

```
mysql -P8306 -h 127.0.0.1 -u <mysql user> -p -D "database name"
```

Make sure to replace "<mysql user>" with mysql user name The command will ask for password of mysql user, please provide it.

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