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[BioStar 2, Database, Migration](#)

How to migrate DB logs from BioStar 2 to BioStar 1.x

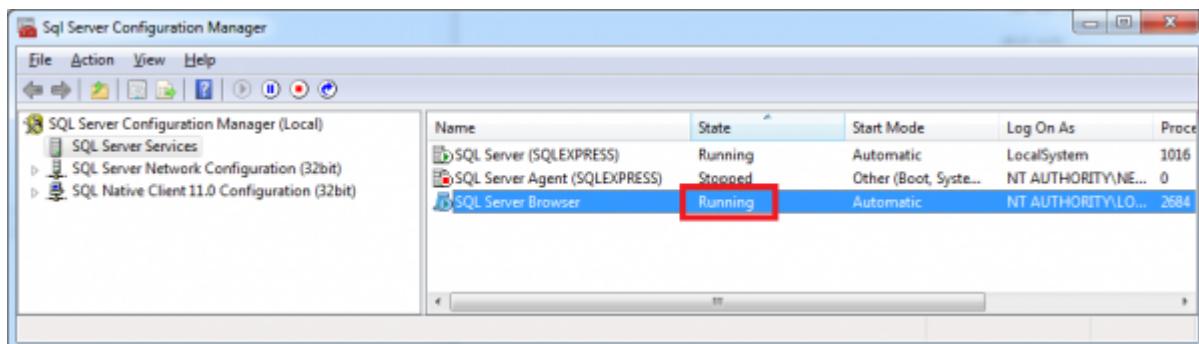
This document will guide you through the process of how to migrate logs from BioStar 1.x to BioStar 2 using the DB migration tool. Please carefully read and follow the instructions.

Limitations

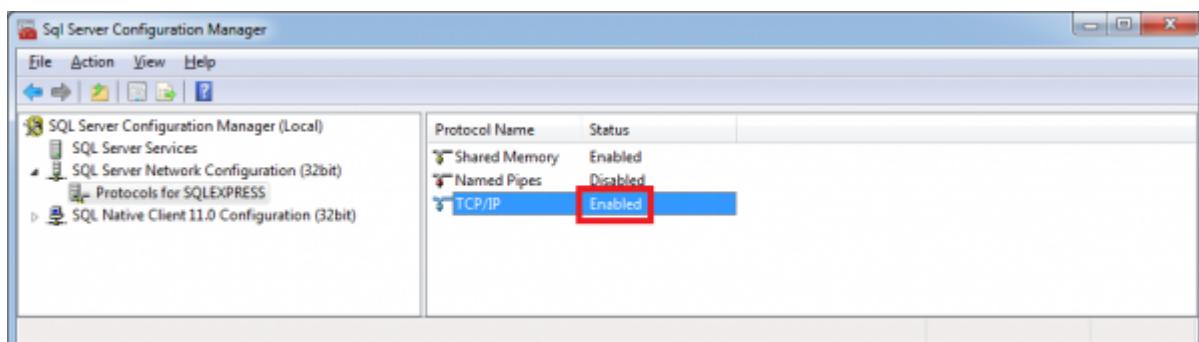
- This migration tool currently does not support migration to Oracle DB.
- For BioStar 1.x DB, only authentication logs are transferrable.

Preparations

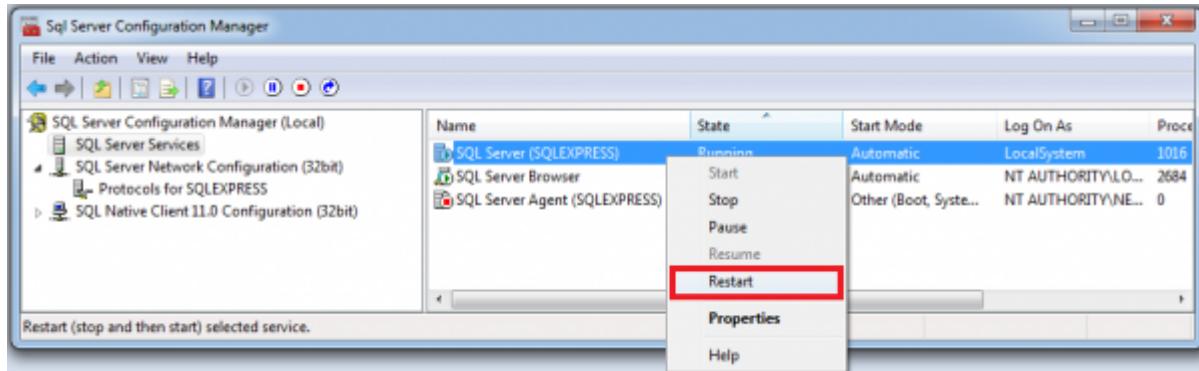
1. The authentication for the **SQL Server** must be done as **SQL Server Authentication**. **Windows Authentication** is not supported. Login ID and PW is required in the later instruction. If you don't know how to create a SQL server authentication login ID, please refer to [How to create a SQL server authentication login ID](#) document.
2. Run the **SQL Server Configuration Manager**. On the left pane, click **SQL Server Services** and check the state of the **SQL Server Browser**. It has to be **Running**.



3. The authentication for the **SQL Server** must be done as **SQL Server Authentication**. **Windows Authentication** is not supported. Login ID and PW is required in the later **SQL Server Network Configuration**. Then, click the **Protocols for SQLEXPRESS** and check if the TCP/IP is **Enabled**.

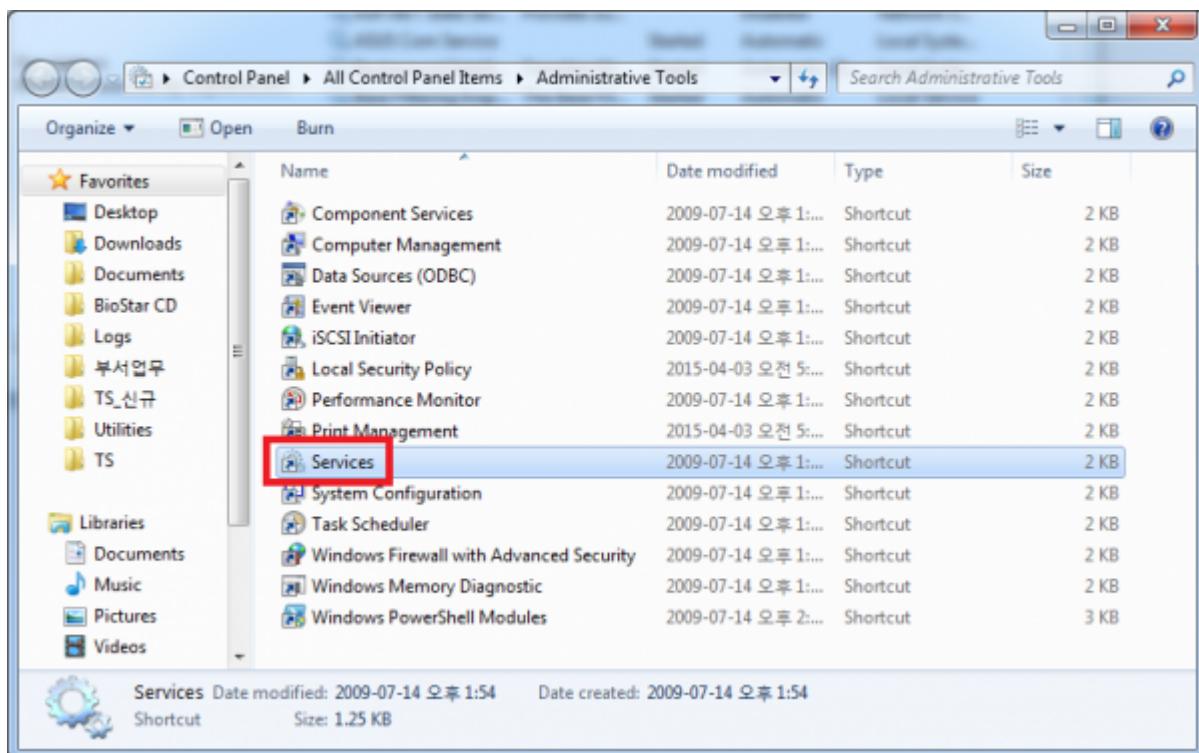


If you have changed any of the settings above you will have to restart the SQL Server.

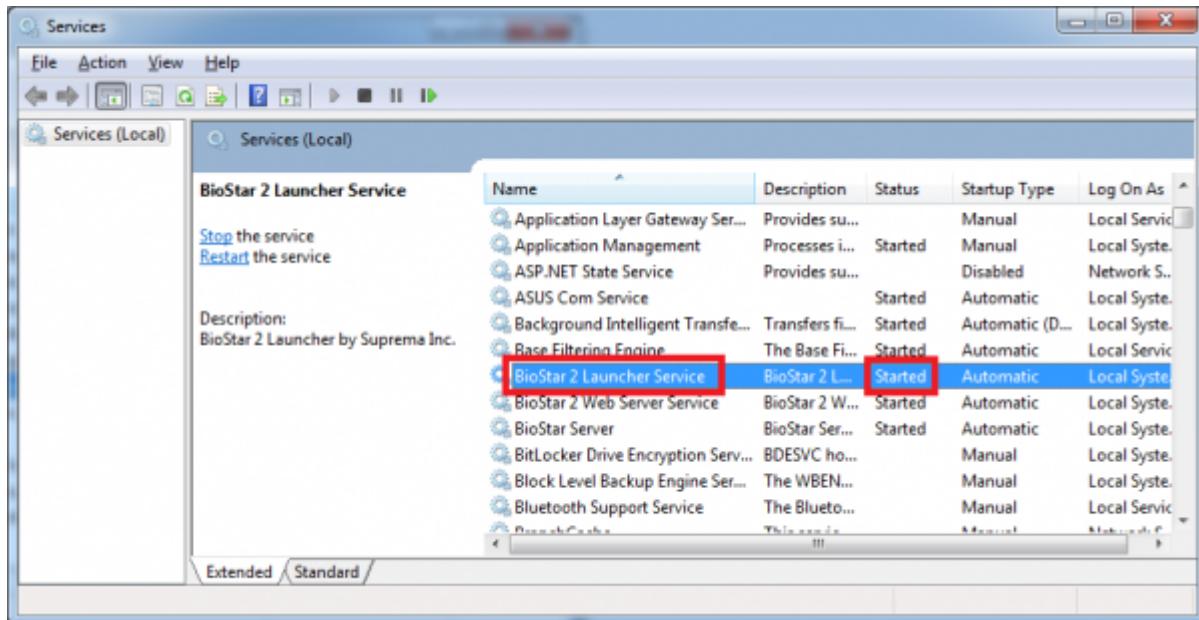


Migrating logs from BioStar 1.x DB to BioStar 2 DB

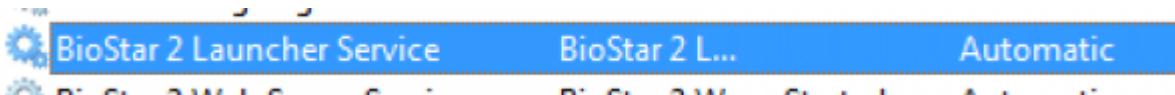
- Run **Services** from your Windows **Control Panel**. (**Control Panel > Administrative Tools > Services**)



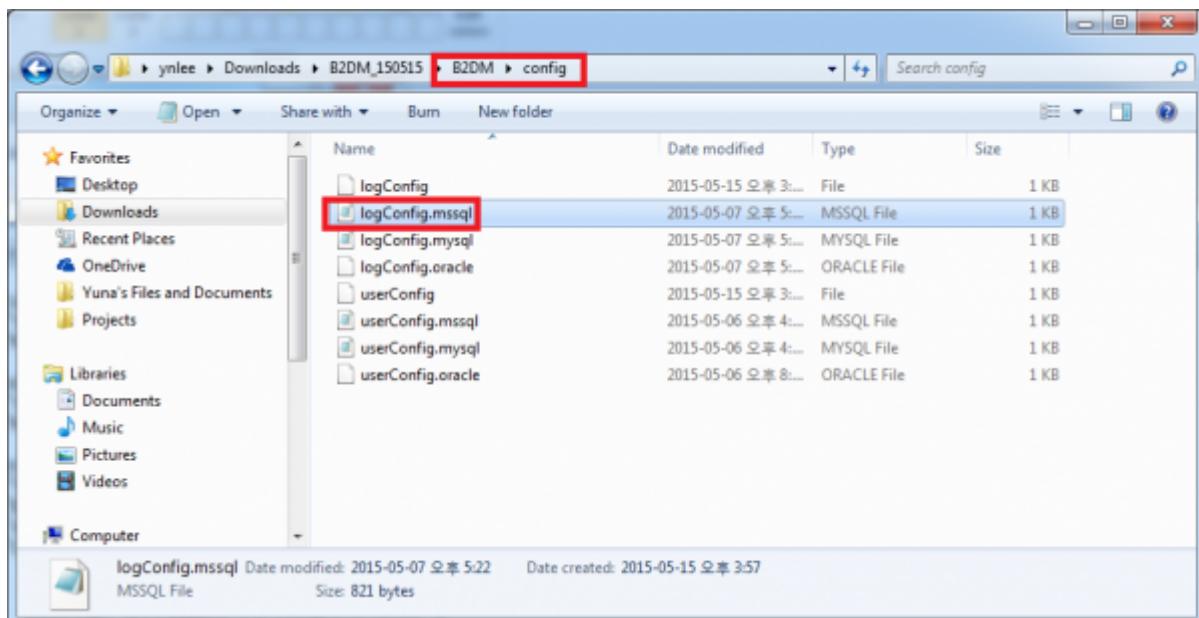
- Search for **BioStar 2 Launcher Service**.



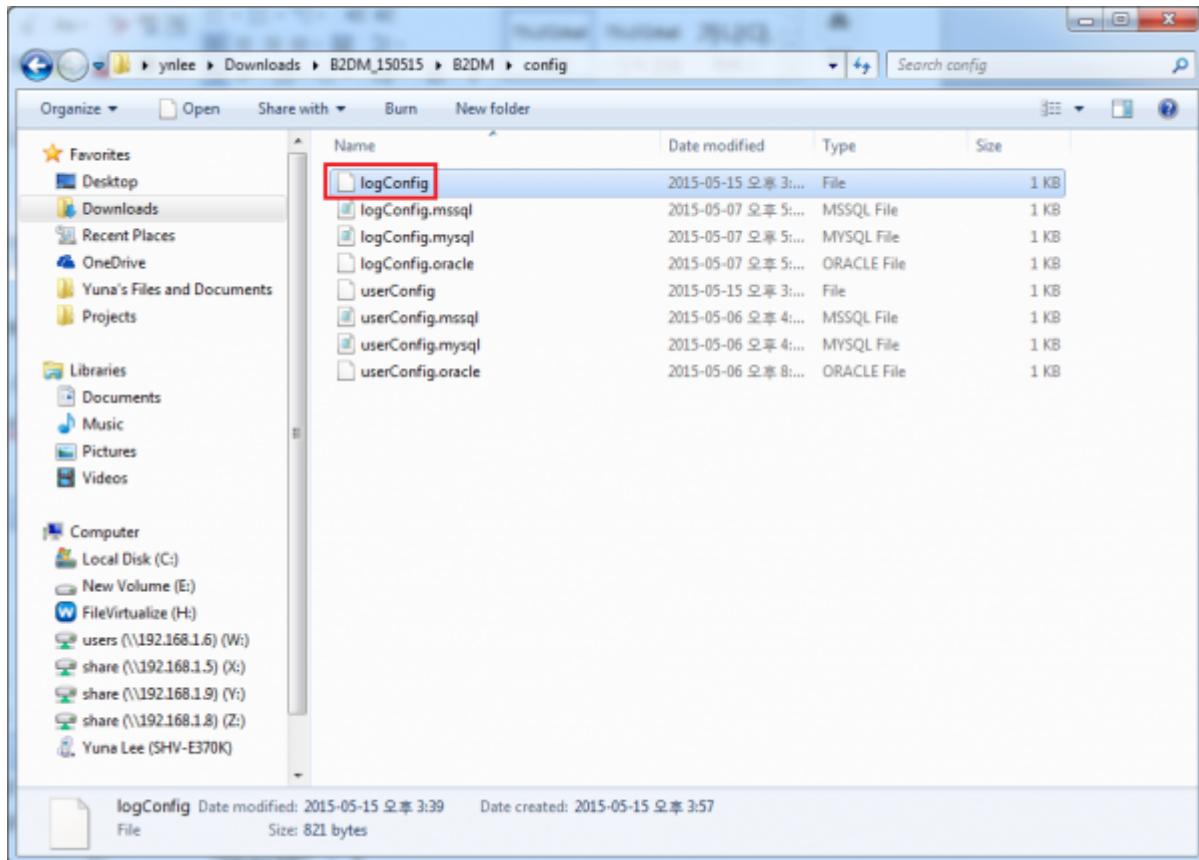
3. Right-click **BioStar 2 Launcher Service** and click **Stop**. Then the Status now would become blank.



4. Go to **config** folder in the migration tool path. Open **logConfig.mssql**.



5. Copy the content and paste it in **logConfig** file.



6. In logConfig file, fill the log starting/snding month, user, password, server, port, database information of your BioStar 1.x DB system and save it.

The Notepad window displays the 'logConfig' file content:

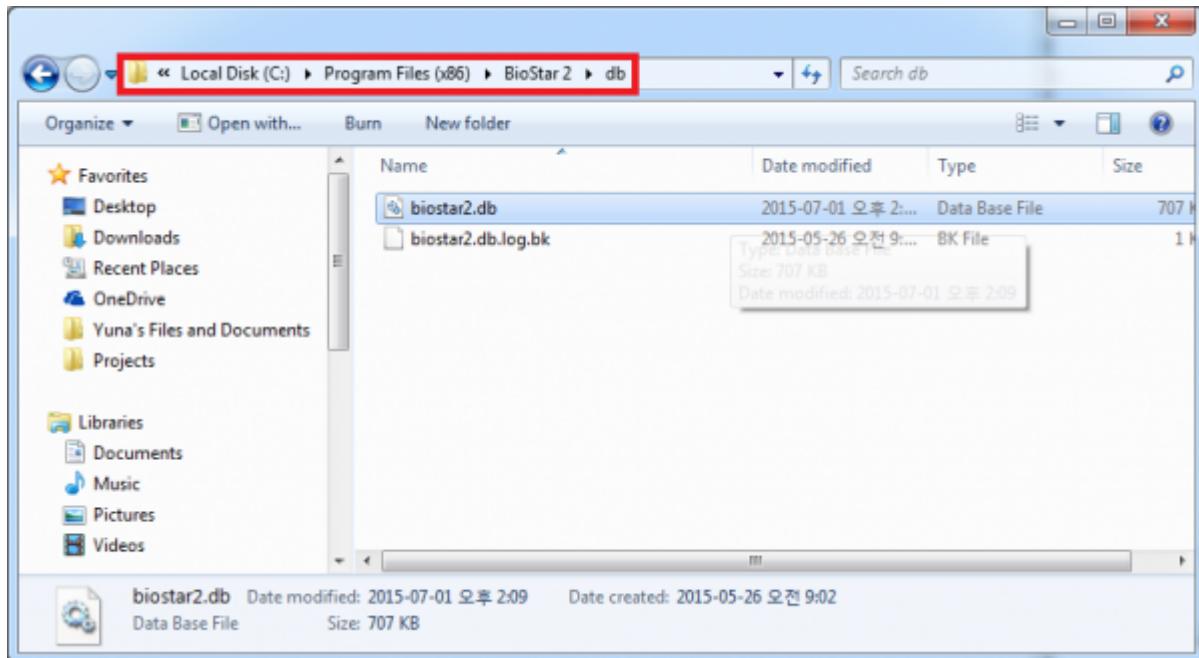
```
{
  "Start": {
    "Year": 2015,
    "Month": 6
  },
  "End": {
    "Year": 2015, Log ending Year/Month that you wish to migrate.
    "Month": 7
  },
  "DestDB": {
    "Type": "mssql",
    "BioStar1xDB": "yes",
    "AuthEventOnly": "yes",
    "Config": [
      {
        "user": "admin",
        "password": "1111",
        "server": "YNLEE-PC\\SQLEXPRESS",
        "port": "1433", You need two backslashes here
        "database": "BioStar"
      }
    ],
    "Table": [
      {
        "Name": "TB_EVENT_LOG",
        "Column": [
          {
            "EventTime": {
              "Name": "nDateTime"
            },
            "EventType": {
              "Name": "nEventIdn"
            },
            "TNAEvent": {
              "Name": "nTNAEvent"
            },
            "UserID": {
              "Name": "nUserID"
            },
            "DeviceID": {
              "Name": "nReaderIdn"
            }
          }
        ]
      }
    ]
  }
}
```

The 'Connect to Server' dialog box shows the following settings:

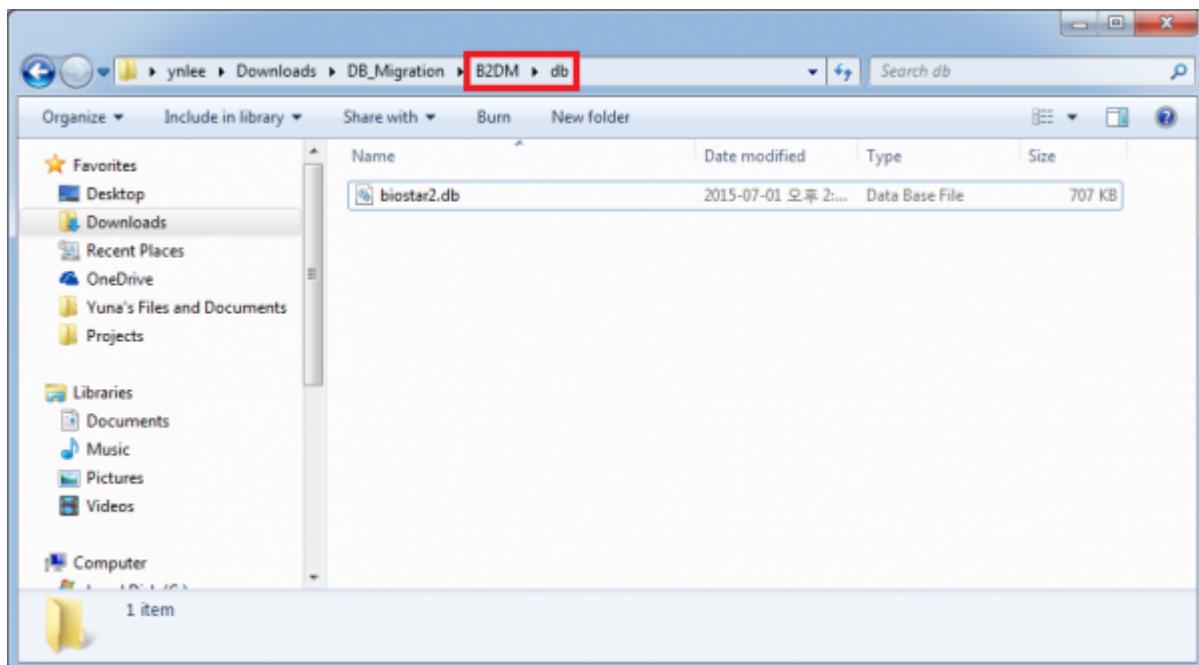
- Server type: Database Engine
- Server name: YNLEE-PC\SQL EXPRESS
- Authentication: SQL Server Authentication
- Login: admin
- Password: (redacted)
- Remember password: checked

The Object Explorer window shows the database structure under 'YNLEE-PC\SQL EXPRESS (SQL Server 11.0.2100 - ynlee-PC) > Databases > BioStar'.

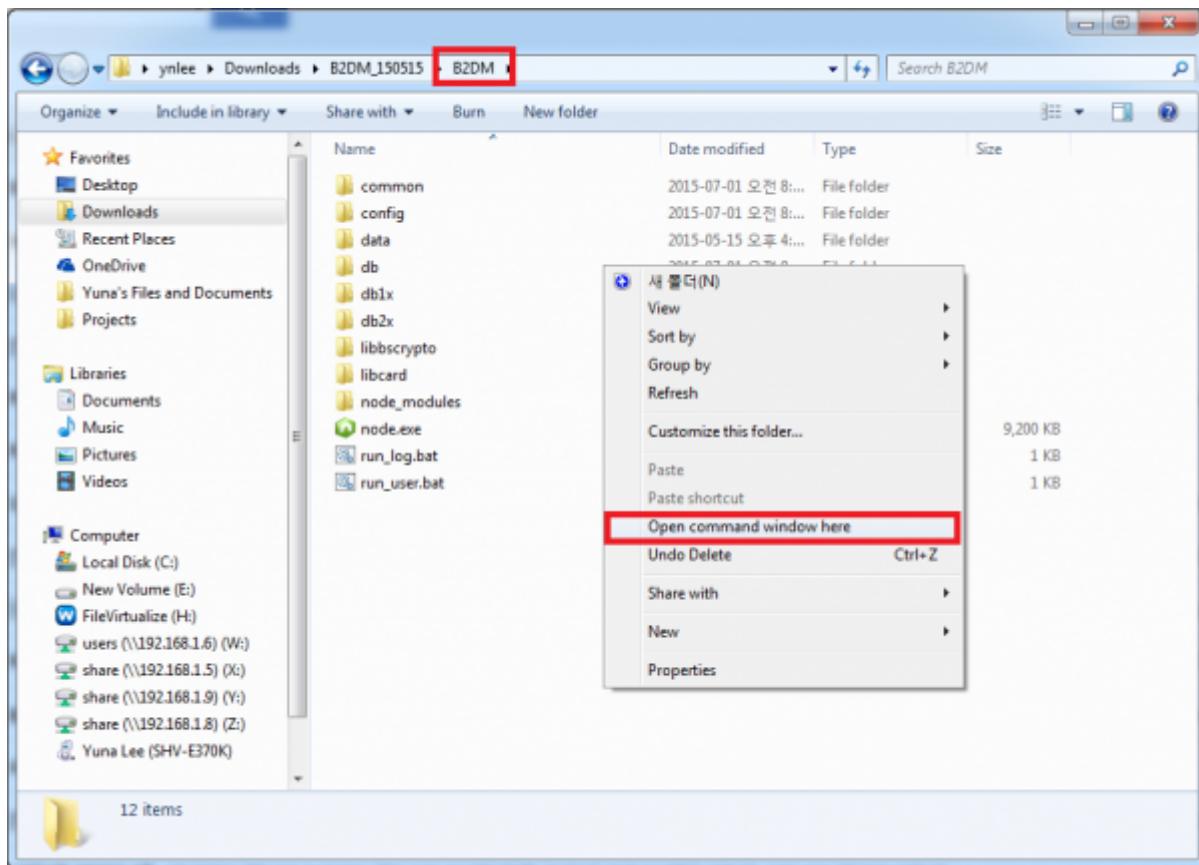
7. Go to BioStar2 installation folder (C:\Program Files (x86)\BioStar 2**) and go to db folder.**



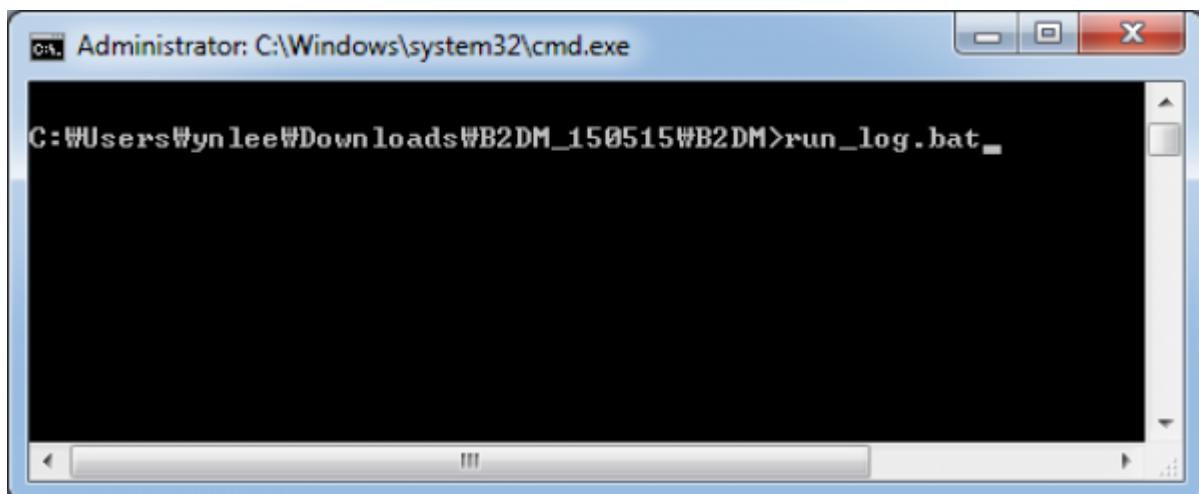
8. Copy the **biostar2.db** file and paste it in the **db** folder in the migration tool folder.



9. Go back to **B2DM** folder. **Shift+Right-click** then click **Open command window here**.



10. Type **run_log.bat** and enter.



11. You will see migration logs.

The screenshot shows a Windows Command Prompt window titled "Administrator: C:\Windows\system32\cmd.exe". The window contains the following text output:

```
110
111
112
113
114
115
116
117
118
119
120
2015 7: 2
0
1
done

C:\Users\Wyn_lee\Downloads\#B2DM_150515\#B2DM>
```

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Last update: **2017/03/10 14:28**