

Bing

Sure, you can automate the import process using PowerShell. Here are the steps you might follow:

1. **Extract Device Information with Get-MgDevice:** The Get-MgDevice command in the PowerShell Graph API Module allows you to extract device information. You can use it like this:

```
Import-Module Microsoft.Graph.Identity.DirectoryManagement
$deviceInfo = Get-MgDevice
```

This will store the device information in the \$deviceInfo variable.

2. **Map Fields:** You mentioned that the fields in the 'cmdb' table and the data retrieved by 'Get-MgDevice' are different. You can create a mapping between these fields. For example, if 'DeviceId' corresponds to 'DeviceName' and 'ImportDate' corresponds to 'CreationDate', you can create a new object with the mapped properties:

```
$mappedDeviceInfo = $deviceInfo | ForEach-Object {
    [PSCustomObject]@{
        DeviceName = $_.DeviceId
        CreationDate = $_.ImportDate
    }
}
```

This script creates a new object \$mappedDeviceInfo where each device's 'DeviceId' is mapped to 'DeviceName' and 'ImportDate' is mapped to 'CreationDate'.

3. **Export Data to CSV:** You can export the mapped data to a CSV file using the Export-Csv cmdlet:

```
$mappedDeviceInfo | Export-Csv -Path "C:\path\to\file.csv" -NoTypeInformation
```

This will create a CSV file at the specified path with the mapped data.

4. **Import Data into MySQL:** Now, you can import this CSV file into your MySQL table using the Invoke-SqlCmd cmdlet:

```
Invoke-SqlCmd -ServerInstance "yourserver.database.windows.net" -Database "yourdatabase" -Username "yourusername" -Password "yourpassword" -Query "LOAD DATA INFILE 'C:\path\to\file.csv' INTO TABLE cmdb"
```

This will import the data from the CSV file into the 'cmdb' table in your MySQL database.

Please replace 'DeviceId', 'ImportDate', 'DeviceName', and 'CreationDate' with the actual field names you have. Also, ensure that you have the necessary permissions to run these commands and make changes to the database. This is a simplified example and might need adjustments based on your actual requirements and environment. If you encounter any issues, feel free to ask! 😊