ManageEngine
SharePoint Manager Plus

The guide to **securing your SharePoint Manager Plus installation**

Description

SharePoint Manager Plus' installation directory contains files that help the product function properly (like starting and stopping), database configuration information, license files, and more. Tampering with these files can lead to security risks. This document provides steps to improve the security of your directory files and prevent unauthorized access.

Preventing authenticated users from tampering with the SharePoint Manager Plus BIN folder

In the older SharePoint Manager Plus versions (before version 4329), the product is installed in the C:\ManageEngine folder. This grants even non-admin users belonging to the Authenticated Users group Full control permission over the files and folders in the product's installation directory, meaning any domain user can access the folder and modify its contents, potentially making the product unusable.

Simply removing Authenticated Users from the access control list (ACL) won't help as this will render them unable to even start SharePoint Manager Plus as a service or application.

To overcome this issue, follow the steps outlined below, based on where SharePoint Manager Plus is installed.

- If SharePoint Manager Plus is installed in the C:\ManageEngine folder
- If SharePoint Manager Plus is installed in the C:\Program Files folder

If SharePoint Manager Plus is installed in the C:\ManageEngine folder

Perform these steps if SharePoint Manager Plus is installed in the C:\ManageEngine folder.

By default, the C directory in a Windows client OS has Authenticated Users with the Modify permission for subfolders. However, the C directory in a Windows Server OS does not have Authenticated Users in its ACL. So, based on the OS in which SharePoint Manager Plus is installed, the steps vary.

- a. If SharePoint Manager Plus is installed in a client OS
- b. If SharePoint Manager Plus is installed in a server OS

a) Client OS

Perform these steps if SharePoint Manager Plus is installed in a client OS:

1. Disable inheritance for the *C:\ManageEngine\SharePoint Manager Plus* folder. Refer to the Appendix below for step-by-step instructions.

2. Remove Authenticated Users from the folder's ACL. Refer to the Appendix for step-by-step instructions.

3. Remove the Authenticated Users' permissions for the folders listed below from the product's installation directory.

   - *bin\licenses*
   - *temp*
   - *webapps\spmp*
   - *ES\temp*
   - *lib\license*

4. Assign the Modify permission for the *C:\ManageEngine\SharePoint Manager Plus* folder to users who can start the product. Refer to the Appendix for step-by-step instructions.

5. If the product is installed as a service, make sure that the account configured under the **Log On** tab of the service's properties is assigned the Modify permission for the folder.

b) Server OS

Perform these steps if SharePoint Manager Plus is installed in a server OS:

1. Remove the Authenticated Users' permissions for the folders listed below from the product's installation directory.

   - *bin\licenses*
   - *temp*
   - *webapps\spmp*
   - *ES\temp*
   - *lib\license*

2. Assign the Modify permission for the *C:\ManageEngine\SharePoint Manager Plus* folder to users who can start the product. Refer to the Appendix for step-by-step instructions.

3. If the product is installed as a service, make sure that the account configured under the **Log On** tab of the service's properties is assigned the Modify permission for the folder.

If SharePoint Manager Plus is installed in the C:\Program Files folder

Perform these steps if SharePoint Manager Plus is installed in the C:\Program Files folder.

1. Remove the Authenticated Users' permissions for the folders listed below from the product's installation directory. Refer to the Appendix for step-by-step instructions.

   - *bin\licenses*

   - *temp*

   - *webapps\spmp*

   - *ES\temp*

   - *lib\license*

2. Assign the Modify permission for the *C:\Program Files\SharePoint Manager Plus* folder to users who can start the product. Refer to the Appendix for step-by-step instructions.

3. If the product is installed as a service, make sure that the account configured under the **Log On** tab of the service's properties is assigned the Modify permission for the folder.

Note:

- Microsoft recommends that you install software in the Program Files directory. Based on your specific needs or organizational policies, you can choose a different location.

- The steps mentioned in this guide apply to all ManageEngine products installed in the C:\ManageEngine folder by default.

Appendix

Steps to disable inheritance

1. Right-click the folder and select **Properties**.

2. Go to the **Security** tab and click **Advanced**.

3. Click **Disable inheritance.**

4. Click **Apply** and **OK.**

Steps to remove Authenticated Users

1. Right-click the folder and select **Properties.**

2. Go to the **Security** tab and click **Edit.**

3. Select the **Authenticated Users** group and click **Remove.**

4. Click **Apply** and **OK.**

Steps to assign the Modify permission

1. Right-click the folder and select **Properties.**

2. Go to the **Security** tab and click **Edit.**

3. Click **Add.**

4. Enter the name of the user or group and click **OK.**

5. In the *Permissions for Users* section, in the *Allow* column, check the box to allow the *Modify* permission.

6. Click **Apply** and **OK.**

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ManageEngine
SharePoint Manager Plus

ManageEngine SharePoint Manager Plus is a tool that helps you to manage, audit, report both the on-premises and Mirosoft 365 SharePoint environments. It also allows you to monitor, track and analyze all the activities in your SharePoint infrastructure which facilitates informed, timely and accurate decision making and management.

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