ManageEngine
SharePoint Manager Plus

TECHNICAL GUIDE

The guide to securing your SharePoint Manager Plus installation

Description

SharePoint Manager Plus' installation directory contains files that help the product function properly, 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.

For new SharePoint Manager Plus installations, builds 4405 & above

For new installations of builds 4405 and above, only the following types of user accounts are automatically provided access to the installation directory to ensure file security and integrity:

- Local system account
- User account used during product installation
- Domain Admins group
- Administrators group

Important: If the product is installed as a service, ensure that the account configured under the **Log On** tab of the service's properties has been assigned **Full Control** permission for the installation directory.

For SharePoint Manager Plus installations lower than 4405

Unauthorized users can be prevented from accessing the SharePoint Manager Plus installation directory for builds lower than 4405 in two ways:

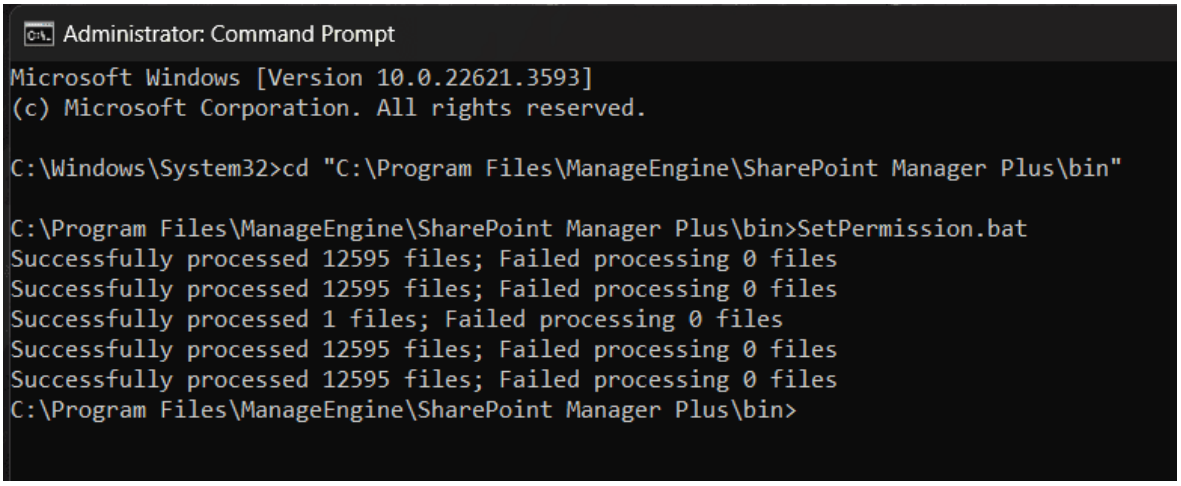
1. Run the SetPermission.bat file
2. Remove unnecessary permissions manually

1. Run the SetPermission.bat file

By this method, access to the installation directory is automatically restricted to only the necessary accounts. There are two ways to do this:

Option 1: Update to build 4405. Open Command Prompt as an administrator and navigate to the **<installation directory>/bin** folder (by default ***C:\Program Files\ManageEngine\SharePoint Manager Plus\bin).*** Run the **SetPermission.bat** file.

Option 2: Download the file using this link and move it to the ***<installation directory>/bin*** folder. Open Command Prompt as an administrator and navigate to the **<installation directory>/bin** folder (by default ***C:\Program Files\ManageEngine\SharePoint Manager Plus\bin).*** Run the **SetPermission.bat** file.



2. Modify required permissions manually

To remove access permissions for unnecessary groups manually, such as Authenticated Users and Domain Users, follow the steps outlined below.

1. Disable Inheritance for the **installation directory** (by default ***C:\Program Files\ManageEngine\SharePoint Manager Plus).*** Refer to the Appendix for step-by-step instructions.
2. Remove access permissions for all the unnecessary groups. Refer to the Appendix for step-by-step instructions.
3. Provide **Full Control** permissions to the following accounts and groups for the product's installation directory:
   - Local system account
   - Domain Admins group
   - Administrators group
   - For users who can start the product

   Refer to the Appendix for step-by-step instructions.
4. Assign **the Full Control** permission for the installation directory 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, ensure that the account configured under the **Log On** tab of the service's properties has been assigned the Full Control permission for the folder.

Notes:

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

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 unnecessary accounts from ACL

1. Right-click the folder and select **Properties.**
2. Go to the **Security** tab and click **Edit.**
3. Select all the unnecessary groups and click **Remove.**
4. Click **Apply** and **OK.**

To assign full control permissions to users

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. Under the *Permissions for Users* section, in the *Allow* column, check the box to allow **Full Control** permission.
6. Click **Apply** and **OK.**

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SharePoint Manager Plus

SharePoint Manager Plus helps manage, report and audit both SharePoint on-premises and SharePoint Online environments. SharePoint Manager Plus enables you to seamlessly manage SharePoint servers, track permission changes, meet compliance requirements and more via a central console. It also provides usage analytics with insights on user behavior and security threat detection using a real-time alert system. Now you can seamlessly migrate from one version of SharePoint to another, or even to SharePoint Online.

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