McAfee Enterprise Security Manager

Polling Windows Event Logs using a Non-Admin Account

June 28, 2012

Important Note:

1 Revision History

1.1 Revision Details

Revision Version	Author	Date	Description
0.1	Richard Hart	June 28, 2012	Initial draft
0.2	Richard Hart	July 18, 2012	Added Images
0.3	Richard Hart	July 26, 2012	Added Workstation Os

2 Introduction

This guide will provide information on how to use a non-admin account to poll Windows 2003 and 2008 Event Logs via WMI using a non-administrator account which can then be utilized by McAfee Enterprise Security Manager.

3 Configuring a non-Admin for WMI

3.1 Creating the user/group, assigning security policies and permissions

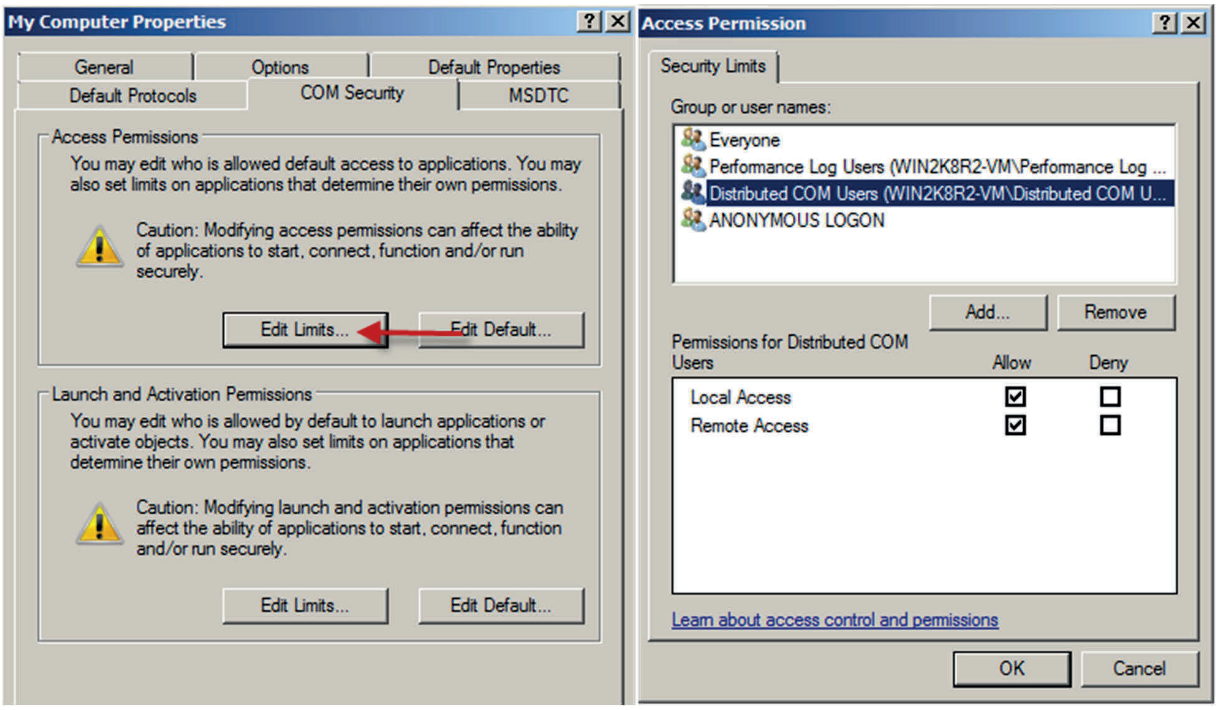
1. Create a domain user account to be used for log collection.
2. Create a domain group that will receive all of the rights that WMI Collection user needs.
    a. Note: Make sure you assign all rights to a group and not directly to a user.
3. Put the WMI Collection user into the newly created group.
4. Put the newly created WMI Collection user into the following domain groups:
    a. Performance Log Users
    b. Distributed COM Users
5. Run one of the following three Microsoft Management Console (MMC) snap-ins:
    a. Local Security Policy snap-in (secpol.msc) for member servers, or
    b. Default Domain Security Policy snap-in (dompol.msc) if you wish to configure these settings domain-wide as a GPO, or
    c. Default Domain Controller Security Settings snap-in (dcpol.msc) if you wish to assign the rights only on domain controllers.
6. Windows 2008 Server R2, open Group Policy management (gpmc.msc).
    i. Right click Default Domain Controller Policy, click Edit.
7. Once the snap-in has started, expand **Security Settings**, **Local Policies**, **User Rights Assignment**.
8. Assign your new group at least the following rights:
    a. Act as part of the operating system
    b. Log on as a batch job
    c. Log on as a service
    d. Replace a process level token
9. Close the Policy Settings Utitlity.

Distributed Component Object Model rights assignments

Configure DCOM security for the WMI collection group.

1. Click **Start**, **Administrative Tools**, **Component Services**.
2. Expand **Console Root**, **Computers**, **My Computer**. Right-click **My Computer** and select **Properties**.
3. In the window that appears, click the **COM Security** tab.

4. Under **Access Permissions**, click **Edit Limits**.
5. Review that the **Distributed COM Users group** has all items checked under **Allow**.



Access Permissions

You may edit who is allowed default access to applications. You may also set limits on applications that determine their own permissions.

Caution: Modifying access permissions can affect the ability of applications to start, connect, function and/or run securely.

Launch and Activation Permissions

You may edit who is allowed by default to launch applications or activate objects. You may also set limits on applications that determine their own permissions.

Caution: Modifying launch and activation permissions can affect the ability of applications to start, connect, function and/or run securely.

Group or user names:

- Everyone
- Performance Log Users (WIN2K8R2-VM\Performance Log ...
- Distributed COM Users (WIN2K8R2-VM\Distributed COM U...
- ANONYMOUS LOGON

Permissions for Distributed COM Users	Allow	Deny
Local Access	☑	□
Remote Access	☑	□

6. Once you've reviewed the presence of **Distributed COM Users**, click **OK** to save your changes and return to the COM Security tab.
7. Under **Launch and Activation Permissions**, click **Edit Limits**.
8. In the list of groups and permissions, ensure that the **Distributed COM Users group** has all items checked under **Allow**.