

# Error A required privilege is not held by the client when building Windows PE

Windows PE rescue media creation fails and the following may be seen the the Windows PE log file:

```
ImageX Tool for Windows
Copyright (C) Microsoft Corp. All rights reserved.
Version: 6.2.9200.16384
Mounting: [C:\boot\macrium\WADKFiles\media\sources\boot.wim, 1] -> [C:\boot\macrium\WADKFiles\mount]...
[ 0% ] Mounting progress

Error mounting image.
A required privilege is not held by the client.
```

This error may indicate that default **Windows security settings have been to be modified**. Typically, this is caused by **Anti-Virus/Security software** or by **incorrect 'Administrator' group assignments**.

**Note:** To view the Windows PE log file click the 'View Log' button in the 'Prepare Windows PE Image' wizard page:

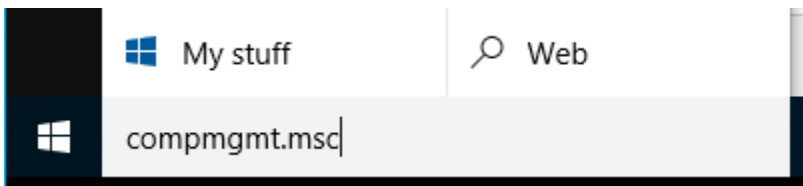
The screenshot shows the 'Rescue Media Wizard' window, specifically the 'Prepare Windows PE Image' step. The window has a title bar with an information icon. Below the title bar, the text 'Rescue Media Wizard' is displayed. The main heading is 'Prepare Windows PE Image', followed by the instruction 'Select your architecture and WIM Type, then press next'. Below this, a note says 'Use the Windows Assessment and Deployment Kit to prepare the Reflect PE image'. The main content area is titled 'Build the PE Environment' and contains several options: 'PE Architecture' is set to '64 Bit'; 'Include optional components - required for iSCSI and BitLocker support' is checked; 'Automatically unlock BitLocker encrypted drives' is also checked; 'Default base WIM (Recommended)' is selected with the path 'C:\ProgramData\Macrium\Reflect\Windows Kits\8.0\...winpe.wim'; and 'Custom base WIM' is unselected with an empty text box. Below these options, a note states 'For advanced users, a custom WIM enables you to prepare your own Windows PE environment.' A progress bar labeled 'Mounting the Windows Image File...' is shown with a green segment. At the bottom of the wizard, there is a 'View Log' button, which is highlighted with a red rectangle. To the right of the button, the text 'Please press the **Next** button to continue.' is displayed. At the very bottom, there are five buttons: 'Help', '< Back', 'Next >', 'Cancel', and 'Finish'.

To resolve follow the steps below:

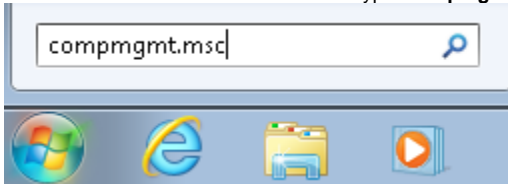
## Ensure that your Windows User Account is a member of the Administrators Group

1. Start the Windows 'Computer Management' console by running '**compmgmt.msc**'

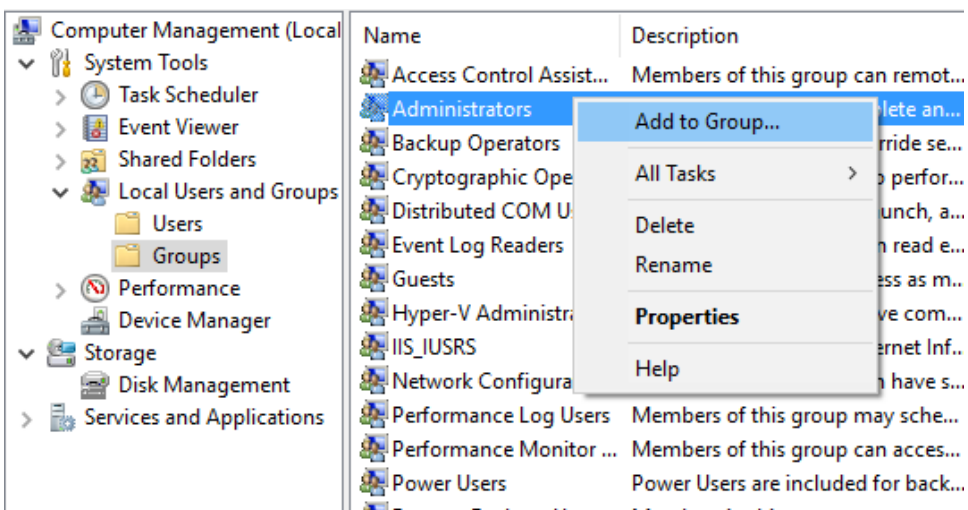
In Windows 10 type **compmgmt.msc** in the search box:



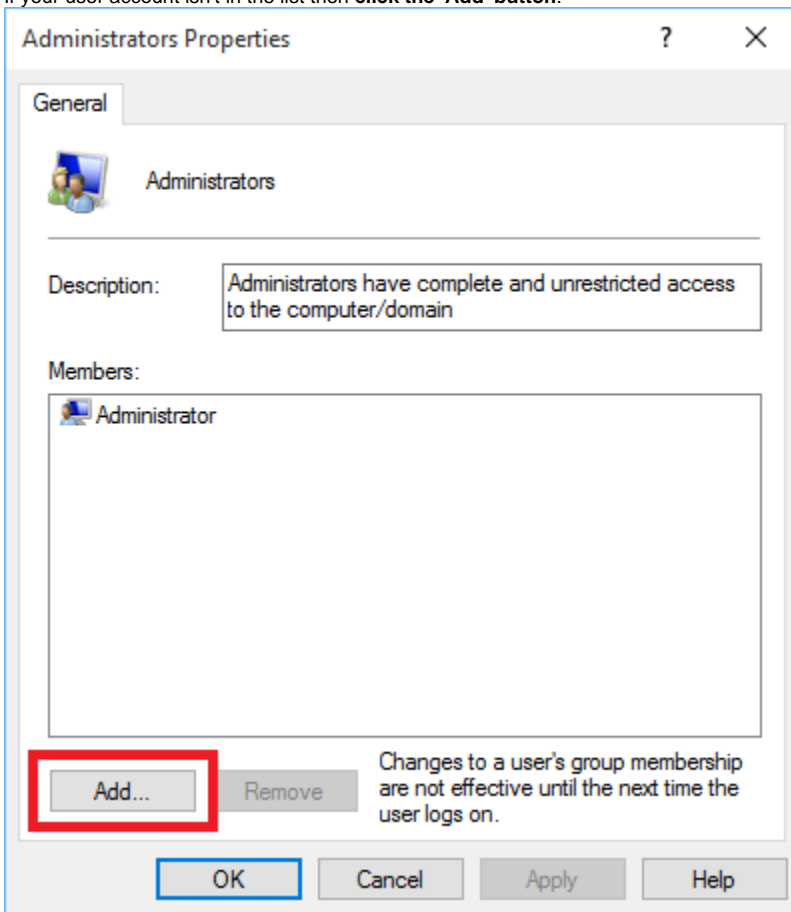
In Windows 7 and Vista click 'Start' and type **compmgmt.msc**:



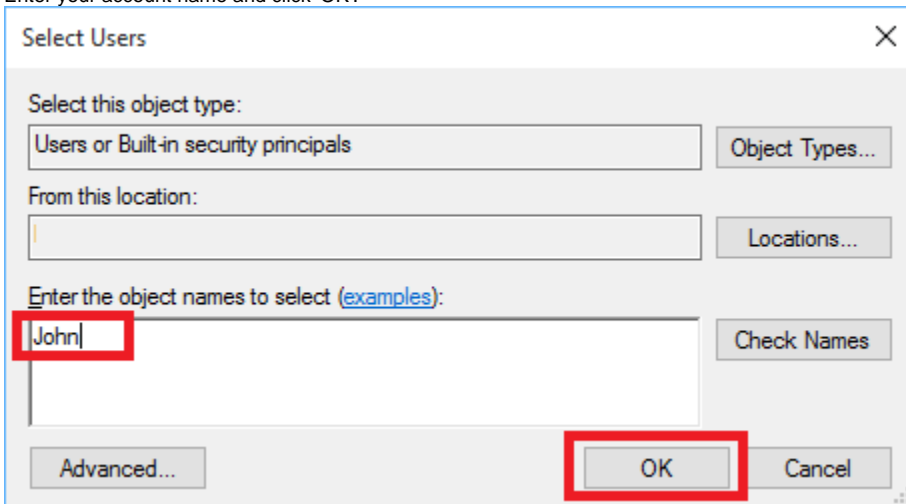
2. Navigate to '**Local Users and Groups**' > '**Groups**', then **right click** on '**Administrators**' and **select** '**Add to group**'.



3. If your user account isn't in the list then **click the 'Add' button**:



4. Enter your account name and click 'OK':



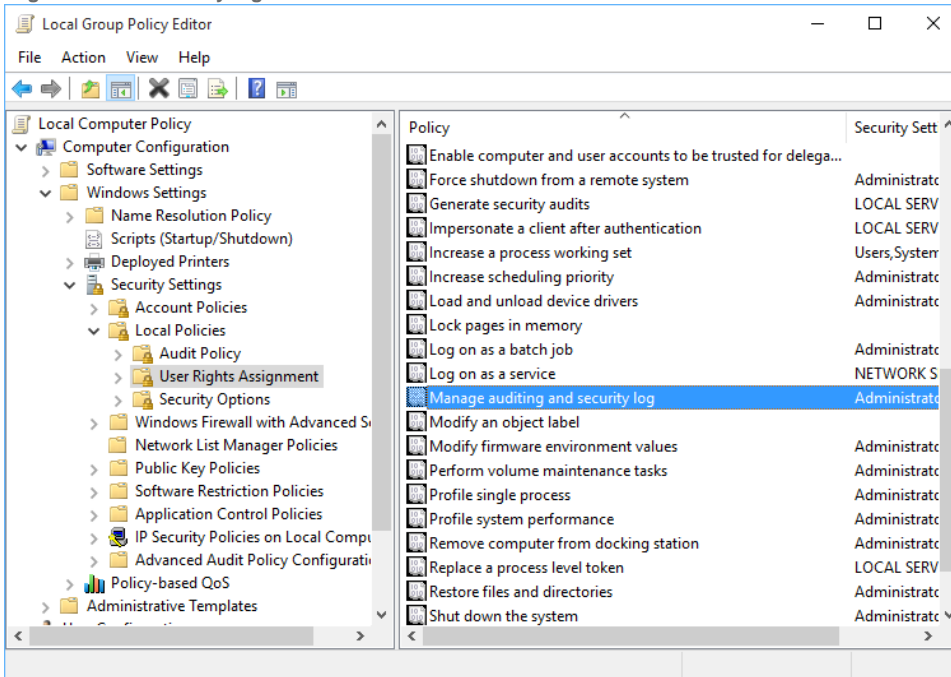
## Ensure that the 'Administrators' Group is assigned to the 'Auditing and Security log'

1. Start the 'Local Group Policy Editor' by running 'gpedit.msc'.

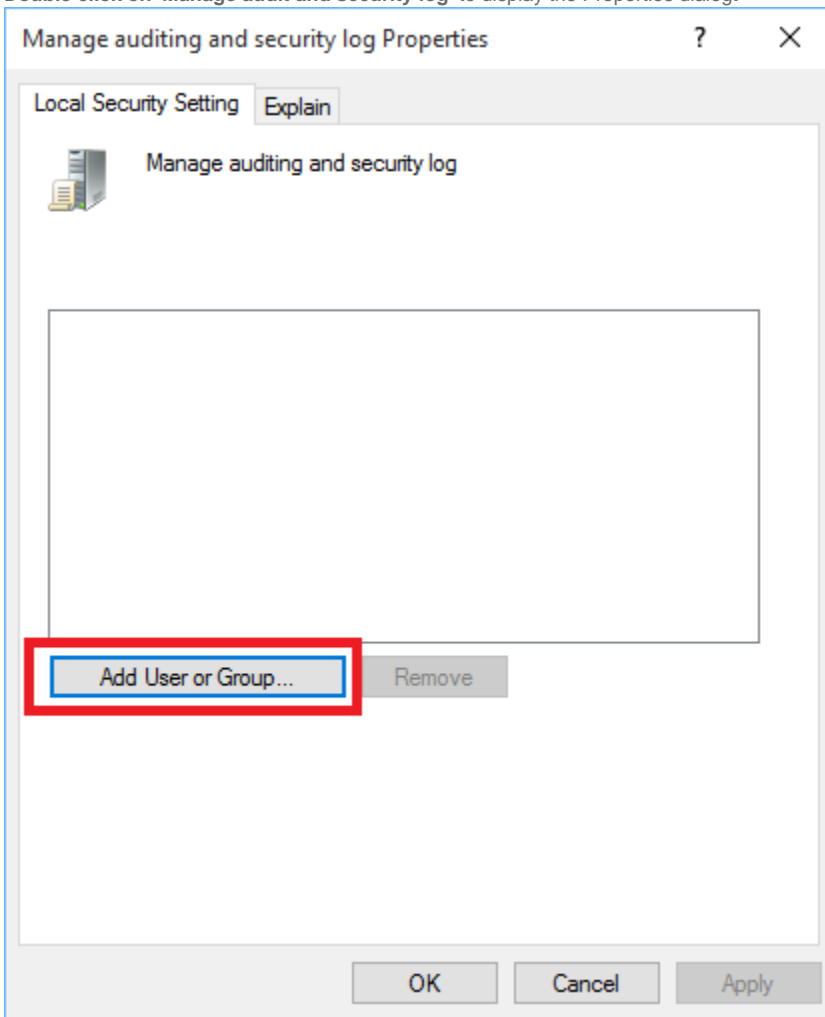


The above example shows Windows 10. For other versions of Windows click the 'Start' button or press the Windows key and type 'gpedit.msc'

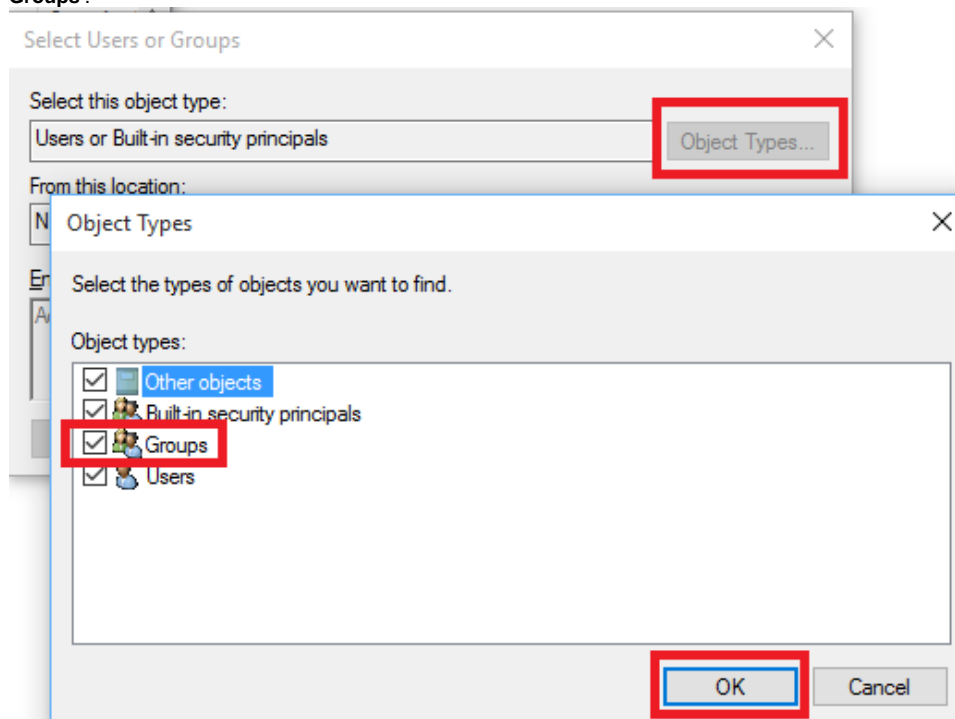
2. Navigate to 'Computer Configuration > Windows Settings > Security Settings > Local Policies > User Rights Assignment' and select 'Manage auditing and security log':



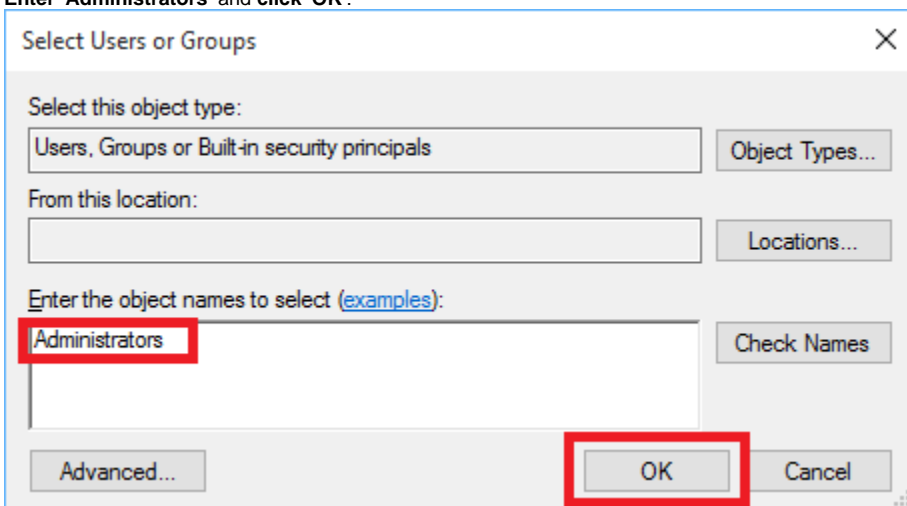
3. Double click on 'Manage audit and security log' to display the Properties dialog:



4. Ensure that the 'Administrators' user group is shown, if not then click 'Add User or Group' then click the 'Object Types' button and select 'Groups'.



5. Enter 'Administrators' and click 'OK':



6. Finally click 'OK' to save the changes:

