



Error 1104/1545 Mitigation

In situations where a Windows file server is used to share mapped drives containing NEMRC EXEs and data files the following settings changes should prevent 1104 and 1545 errors. All settings below must be applied in order for successful error mitigation.

Server Settings

Change the following group policy on the server:

Enable by applying a check mark to this setting in Group Policy being applied to any workstations that use NEMRC software. You may need to update the Group Policy Administrative Templates (.admx & .adml) if this is not showing.

Computer Configuration > Administrative Templates > System > Group Policy > Configure Drive Maps preference extension policy processing > Do not apply during periodic background processing.

The screenshot shows the Group Policy setting 'Configure Drive Maps preference extension policy processing'. The 'Enabled' radio button is selected. The 'Options' section has two checkboxes checked: 'Allow processing across a slow network connection' and 'Do not apply during periodic background processing'. The 'Do not apply during periodic background processing' checkbox is highlighted with a red box. The 'Supported on' section indicates 'At least Windows Server 2003 operating systems or Windows XP Professional with SP2'. There are 'Previous Setting' and 'Next Setting' buttons at the top right.

Also, make the following changes to the server SMB configuration using PowerShell:

```
set-SmbServerConfiguration -AutoDisconnectTimeout 999999  
set-SmbServerConfiguration -EnableLeasing $False
```

Restart the server.

Workstation Settings

Make the following changes to the client SMB configuration of **all workstations** that access NEMRC using PowerShell:

```
Set-SmbClientConfiguration -DirectoryCacheLifetime 0  
Set-SmbClientConfiguration -FileInfoCacheLifetime 0  
Set-SmbClientConfiguration -KeepConn 65535  
Set-SmbClientConfiguration -SessionTimeout 65535  
Set-SmbClientConfiguration -UseOpportunisticLocking $False
```

Restart the workstations.

If you have any questions or require assistance with any of the above, please reach out to NEMRC Support at support@nemrc.com or by calling 1-800-387-1110.