

## Fix Issues when Using Windows 7 as a File Server

### Lost Connection to Mapped Drive

Mapped drive is disconnected after inactivity, Windows Explorer shows a red "X" on the icon of the mapped drive, but you can browse the mapped drive and it reconnects.

Change the default time-out period on the shared network computer.

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\lanmanserver\parameters
REG_DWORD          autodisconnect          value ffffffff
```

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Service\lanmanworkstation\parameters
REG_DWORD          KeepConn              value 32000
```

### Not Enough Server Storage is Available to Process this Command error

The server's IRPStackSize is too small for the server to use a local device.

Increase the value to 36, for example.

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\LanmanServer\Parameters
REG_DWORD          IRPStackSize          value 36
```

### Windows 7 Cannot Allocate Enough memory

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Session Manager\Memory Management\
REG_DWORD          LargeSystemCache      value 1
```

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\LanmanServer\Parameters\
REG_DWORD          Size                  value 3
```

### Disable SMB2 on Windows 7 File Server with Windows XP Clients

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\LanmanServer\Parameters
REG_DWORD          SMB2                  value 0
```