GetVolumeNameForVolumeMountPoint function

Retrieves a volume **GUID** path for the volume that is associated with the specified volume mount point (drive letter, volume **GUID** path, or mounted folder).

Syntax

```C++
BOOL WINAPI GetVolumeNameForVolumeMountPoint(
  _In_  LPCTSTR lpszVolumeMountPoint,
  _Out_ LPTSTR  lpszVolumeName,
  _In_  DWORD   cchBufferLength
);
```

Parameters

lpszVolumeMountPoint [in]
> A pointer to a string that contains the path of a mounted folder (for example, "Y:\MountX\") or a drive letter (for example, "X:\"). The string must end with a trailing backslash ('\').

lpszVolumeName [out]
> A pointer to a string that receives the volume **GUID** path. This path is of the form "\\?\Volume{*GUID*}\" where *GUID* is a **GUID** that identifies the volume. If there is more than one volume **GUID** path for the volume, only the first one in the mount manager's cache is returned.

cchBufferLength [in]
> The length of the output buffer, in **TCHARs**. A reasonable size for the buffer to accommodate the largest possible volume **GUID** path is 50 characters.

Return value

If the function succeeds, the return value is nonzero.

If the function fails, the return value is zero. To get extended error information, call **GetLastError**.

Remarks

Use **GetVolumeNameForVolumeMountPoint** to obtain a volume **GUID** path for use with functions such as **SetVolumeMountPoint** and **FindFirstVolumeMountPoint** that require a volume **GUID** path as an input

parameter. For more information about volume **GUID** paths, see Naming A Volume.

In Windows 8 and Windows Server 2012, this function is supported by the following technologies.

Technology	Supported
Server Message Block (SMB) 3.0 protocol	No
SMB 3.0 Transparent Failover (TFO)	No
SMB 3.0 with Scale-out File Shares (SO)	No
Cluster Shared Volume File System (CsvFS)	Yes
Resilient File System (ReFS)	No

SMB does not support volume management functions.

Mount points aren't supported by ReFS volumes.

Requirements

Minimum supported client	Windows XP [desktop apps only]
Minimum supported server	Windows Server 2003 [desktop apps only]
Header	FileAPI.h (include Windows.h); WinBase.h on Windows Server 2008 R2, Windows 7, Windows Server 2008, Windows Vista, Windows Server 2003, and Windows XP (include Windows.h)
Library	Kernel32.lib
DLL	Kernel32.dll

Unicode and ANSI names	**GetVolumeNameForVolumeMountPointW** (Unicode) and **GetVolumeNameForVolumeMountPointA** (ANSI)

See also

DeleteVolumeMountPoint
GetVolumePathName
SetVolumeMountPoint
Volume Management Functions
Mounted Folders

© 2016 Microsoft