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Event ID 1032 — DHCP General Availability

Article • 02/02/2010

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Applies To: Windows Server 2008



General availability of the Dynamic Host Configuration Protocol (DHCP) server refers to its ability to service clients. General availability depends on:

- Proper authorization of the DHCP server
- Presence of Active Directory Domain Services
- Successful loading of the DHCP dynamic-link libraries (DLLs)

Event Details

Expand table

Product:	Windows Operating System
ID:	1032
Source:	Microsoft-Windows-DHCP-Server
Version:	6.0
Symbolic Name:	EVENT_SERVER_CALLOUT_LOAD_EXCEPTION
Message:	The installed server callout .dll file has caused an exception. The exception was: %1. The server has ignored this exception and the .dll file could not be loaded.

Resolve

- > Reliability Infrastructure
- > Routing and Remote Access Service Infrastructure

Assign execute rights to the DLL

The availability of the DHCP server depends on it having access to the DHCP server dynamic link libraries (DLLs). If the DLLs are missing or do not have administrative rights, the DHCP service cannot access them and the service fails to initialize. To correct this problem, you need to:

- Identify the DLL cited in the event
- Assign administrative rights to the DLL

Identify the DLL cited in the event

To identify the DLL cited in the event:

1. Search the computer for the DLL referenced in the error.
2. If the DLL does not exist on the DHCP server, reinstall the DHCP Server service.
3. If the DLL exists, select it in Windows Explorer and assign the Administrator account rights to read and execute the DLL.

Change permissions on files and folders

To perform these procedures, you must be a member of the **Administrators** group, or you must have been delegated the appropriate authority.

To change permissions on files and folders:

1. At the DHCP server computer, click **Start**, point to **All programs**, point to **Accessories**, and then click **Windows Explorer**.
2. Right-click the file or folder for which you want to set permissions, click **Properties**, and then click the **Security** tab.
3. Complete the following as needed:
 - To set permissions for a group or user that does not appear in the **Group or user names** box, click **Add**, type the name of the group or user, and then click **OK**.
 - To change or remove permissions from an existing group or user, click the name of the group or user.
 - To allow or deny a permission, in the **Permissions for User or Group** box, select the **Allow or Deny** check box.
 - To remove the group or user from the **Group or user names** box, click **Remove**.

Notes

- You can only set file and folder permissions on drives formatted to use NTFS.
- Groups or users who are granted **Full Control** for a folder can delete files and subfolders within that folder, regardless of the permissions that protect the files and subfolders.
- If the check boxes under **Permissions for User or Group** are shaded or if the **Remove** button is unavailable, then the file or folder has inherited permissions from the parent folder.
- When adding a new user or group, by default, this user or group will have **Read**, **Read and Execute**, and **List Folder Contents** permissions.

Verify

To verify that clients are getting leased IP addresses from the DHCP server:

1. At the DHCP-enabled client computer, click **Start**, in **Start Search** type **cmd**, and then press ENTER.
2. To verify the lease of the client with a DHCP server, type **ipconfig /all** to view lease-status information.

3. If the client has a validly leased IP address, the **ipconfig /all** command displays a date and time for **Lease Obtained** and **Lease Expires**.

Related Management Information

[DHCP General Availability](#)

[DHCP Infrastructure](#)