**Server 2008 R2 DHCP Console Icons Reference**

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Applies To: Windows Server 2008 R2

**DHCP console icons reference**

DHCP provides context-specific icons to dynamically represent the state of console objects. Objects include the DHCP servers, clients, scopes, and option types that are used and managed in the console.

**General usage of console icons**

Some of the icons used in DHCP have specific meanings, but most are used to communicate general status information about the current state of console objects. For example, when an icon is used with an hourglass superimposed, such as:

server03_32.png

This means that the console is attempting to connect to the server.

Likewise, when an icon is used with a red circle and a superimposed 'X', such as:

image002.png

This often means that DHCP has lost its connection to the server.

**Server-related icons**

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| **Icon** | **Description** |
| server01_32.png | DHCP server added to console. |
| server04_32.png | DHCP server connected and active in console. |
| server06_32.png | DHCP server connected but not authorized in Active Directory for use on your network. |
| server08_32.png | DHCP server connected but current user does not have the administrative credentials to manage the server. |
| server02_32.png | DHCP server warning. Available addresses for server scopes are 90 percent or more leased and in use. This means that the server is nearly depleted of available addresses to lease to clients. |
| server09_32.png | DHCP server alert. No addresses are available from server scopes because the maximum (100 percent) of the addresses allocated for use are currently leased. This represents a failure of the DHCP server on the network because it is not able to lease or service clients. |

**Scope-related icons**

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| **Icon** | **Description** |
| supscp11_32.png | Scope or superscope is active. |
| supscp07_32.png | Scope or superscope is inactive. |
| supscp02_32.png | Scope or superscope warning. Scope warning: 90 percent or more of the scope's IP addresses are in use. Superscope warning: If any scope within the superscope has a warning, the superscope has a warning. |
| supscp06_32.png | Scope or superscope alert. Scope alert: All IP addresses have been allocated by the DHCP server and are in use. No more clients can obtain IP addresses from the DHCP server because it has no more IP addresses to allocate. Superscope alert: At least one scope contained in the superscope has all IP addresses allocated by the DHCP server. No clients can obtain an IP address from the range defined in the scope that is 100 percent allocated. If other scopes within the superscope contain available addresses, the DHCP server can allocate addresses from these scopes. |

**Option-related icons**

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| **Icon** | **Description** |
| srvopt01_32.png | Folder containing the list of server options. |
| srvopt02_32.png | Server option. |
| scpopt01_32.png | Folder containing the list of scope options. |
| scpopt02_32.png | Scope option. |
| cliopt02_32.png | Reservation option. |

**Lease-related icons**

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| **Icon** | **Description** |
| actlea01_32.png | Folder containing the list of active leases. |
| image019.png | Active lease: this address is not available for lease by the DHCP server. |
| image020.png | Expired lease: this address is available for lease by the DHCP server. |
| image021.png | Active lease, DNS dynamic update pending. This address is not available for lease by the DHCP server. |
| image022.png | Active reservation lease: this address is an active lease on a reserved IP address. This IP address is not available for lease by the DHCP server. |
| image023.png | Client is connecting through a remote access server. |

**Other console icons**

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| --- | --- |
| **Icon** | **Description** |
| DHCP_32.png | Root of the DHCP console. |
| addrpl01_32.png | Address pool folder. |
| allrng01_32.png | Scope allocation range. Addresses in this range are allocated to the available address pool used to offer leases to clients. |
| excrng01_32.png | Scope exclusion range. Addresses in this range are excluded from the available address pool used to offer leases to clients. |
| image028.png | Folder containing the list of reservations. |
| bootp02_32.png | Bootstrap Protocol (BOOTP) table. |
| bootp01_32.png | BOOTP entry in the table, containing information that is returned to the BOOTP client (Ex: boot image file name, file server name). |
| image031.png | Folder that contains the Allow and Deny filters folders. |
| image032.png | Folder containing the list of allow filters when filtering is enabled. Allow client filters in the list will apply. |
| image033.png | Folder containing the list of allow filters when filtering is disabled. Allow client filters in the list will not apply. |
| image034.png | Allow client filter. This client will be allowed to obtain a lease from this DHCP server, if its MAC address is in the list. |
| image035.png | Folder containing the list of deny filters when filtering is enabled. Deny client filters in the list will apply. |
| image036.png | Folder containing the list of deny filters when filtering is disabled. Deny client filters in the list will not apply. |
| image037.png | Deny client filter. Clients with these MAC addresses will not be allowed to obtain a lease from this DHCP server. |