

Microsoft DHCP Server Documentation

DC-2K22



Contoso Foods



CONTOSO FOODS

Date	Friday, November 4, 2022 5:24:41 PM
Author	TEST2022\sysadmin
Version	1.03
Product	XIA Configuration Server [14.2.10.0]

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Microsoft DHCP Server

Information

Provides general information for this item.

General Information

Name	DC-2K22
Description	Windows Server 2022 server running DHCP.
Primary Owner Name	Technical Services
Primary Owner Contact	technicalservices@contosofoods.com

System Information

Item Path	Demonstration Company
Item ID	1009
Version ID	1.03
Check Out Status	Available

Client Information

Provides information about the client that was used to generate the information and the data used by the client to uniquely identify this item.

Item Identifiers

Primary Identifier	DC-2K22
Secondary Identifier	VMware-56 4d b9 d7 0d 62 24 19-91 f1 c2 23 35 21 1d 04
Tertiary Identifier	
Environment Identifier	

Client Information

Client Machine Name	XCS-2K22
Client Identifier	7fa99657-d78d-466b-b246-03fac76de7dc
Client IP Address	192.168.131.203
Client Scan Date	04 November 2022 17:23 (today)
Client Service Username	TEST2022\sysadmin
Client Version	14.2.10.0






Scan Profile

Target	DC-2K22
Profile Name	DHCP
Profile Identifier	74695dae-ed14-49d7-bde0-adccabff4c5

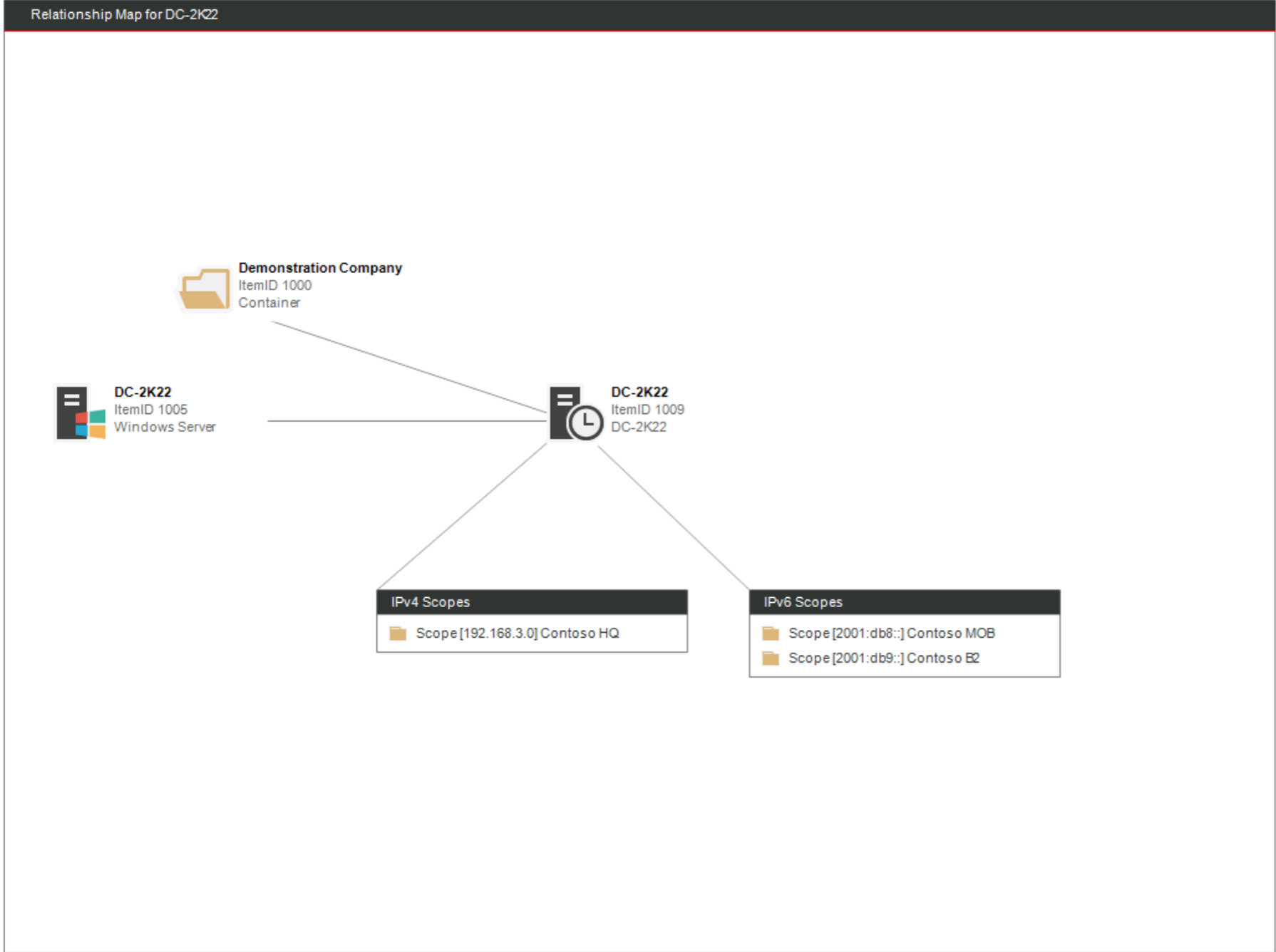
Relationships

Provides a summary of the relationships between this item and other items in the environment.

5 Relationships

Item ID	Direction	Name	Type	Relationship Type
 1005	Outbound	DC-2K22	Windows Server	Hosted On
 1000	Outbound	Demonstration Company	Container	Contained Within
 Internal	Outbound	Scope [192.168.3.0] Contoso HQ	IPv4 Scope	Hosts Microsoft DHCP Server Scope
 Internal	Outbound	Scope [2001:db8::] Contoso MOB	IPv6 Scope	Hosts Microsoft DHCP Server Scope
 Internal	Outbound	Scope [2001:db9::] Contoso B2	IPv6 Scope	Hosts Microsoft DHCP Server Scope

Relationship Map



Server

Microsoft DHCP (Dynamic Host Configuration Protocol) Server provides centralized and automated TCP/IP configuration to network devices.




General Settings

Authorized	True
Conflict Detection Attempts	0
NAP Enabled	False
NAP Unreachable Action	Full Access

Audit Log

Enabled	True
Disk Check Interval	50
Minimum Disk Space	20 MB
Maximum File Size	70 MB
Path	C:\Windows\system32\dhcp

3 Bindings

Interface	Enabled	IP Address
 VMware Workstation	True	192.168.131.221
 DHCP Server	True	192.168.3.2
 DHCP Server	True	2001:db8::

Database

Backup Interval	60 minutes
Backup Path	C:\Windows\system32\dhcp\backup
Cleanup Interval	60 minutes
Database File	C:\Windows\system32\dhcp\dhcp.mdb
Logging Enabled	True

Dynamic DNS Credential

Domain Name	
Username	

Host

This section provides information about the host platform.

General Settings

Computer Fully Qualified Domain Name	DC-2K22.test2022.net
Operating System Name	Microsoft Windows Server 2022 Datacenter
Service Pack	None Installed

Hardware

Manufacturer	VMware, Inc.
Model	VMware7,1
Serial Number	VMware-56 4d b9 d7 0d 62 24 19-91 f1 c2 23 35 21 1d 04
Processors	Intel(R) Core(TM) i9-10885H CPU @ 2.40GHz

Service

Provides details of the DHCP server Windows service running on the host system.

Windows Service

Name	DHCPServer
Display Name	DHCP Server
Description	Performs TCP/IP configuration for DHCP clients, including dynamic assignments of IP addresses, specification of the WINS and DNS servers, and connection-specific DNS names. If this service is stopped, the DHCP server will not perform TCP/IP configuration for clients. If this service is disabled, any services that explicitly depend on it will fail to start.

Advanced

Allow Interaction With Desktop	False
Path Name	C:\Windows\system32\svchost.exe -k DHCPServer -p
Service Execution Type	Share Process
Start Mode	Automatic
Service State	Running

Dependencies

Service Depends On	RpcSs Tcpip SamSs EventLog EventSystem
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Log On

Account Name	NT AUTHORITY\NetworkService
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Recovery

First Failure Action	Restart the Service
Second Failure Action	Restart the Service
Subsequent Failure Action	Take No action
Reset Failure Count	0 days
Service Restart Delay	5 minutes
Enable Actions for Stops with Errors	False

IPv4 Server

The Microsoft DHCP IPv4 server provides internet protocol version 4 (IPv4) addresses and configuration information to clients.

DNS

Dynamic Updates Mode	Dynamically update DNS records only if requested by the DHCP clients
Discard Records When Lease Deleted	True
Disable PTR Record Dynamic Updates	False
Update Legacy Clients	False

Name Protection

Enable Name Protection	False
------------------------	-------

Failover Relationships

Failover relationships allow two DHCP servers to share one or more failover-enabled DHCP scopes.

1 Failover Relationships

Name	Partner Server	Mode
 dc-2k22.test2022.net-192.168.131.136	192.168.131.136	Load Balance

Failover relationships allow two DHCP servers to share one or more failover-enabled DHCP scopes.

General Settings

State	Normal
Maximum Client Lead Time	1 hour
Partner Server	192.168.131.136
State Switchover Interval	Disabled
Enable Message Authentication	True

Scopes

Scope Identifiers	192.168.3.0
-------------------	-------------

Load Balance

Load Balance Percent (Local)	50
Load Balance Percent (Partner)	50

Filters

Filters allow the restriction of network access to DHCP clients based on their MAC address.

Filter Settings

Enable Allow List	False
Enable Deny List	False

2 Filters

Type	MAC Address	Description
 Allow	00-30-D3-2F-F9-5D	Allow printer.
 Deny	12-30-D3-2F-F9-63	Deny phone.

Policies

DHCP policies enables targeted administration and greater control of the configuration parameters delivered to network devices by targeting specific attributes based on fields contained in the DHCP client request packet.

 1 Policies

Name	Description	Processing Order	Level	State
 PXE Client (UEFI x64)	Bootfile for UEFI x64 devices	1	Server	Enabled

PXE Client (UEFI x64)

DHCP policies enables targeted administration and greater control of the configuration parameters delivered to network devices by targeting specific attributes based on fields contained in the DHCP client request packet.

General Settings

Enabled	True
Description	Bootfile for UEFI x64 devices
Lease Duration	0 days 0 hours 0 minutes
Processing Order	1

Conditions

Conditions	1 Conditions
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DNS

Dynamic Updates Mode	Dynamically update DNS records only if requested by the DHCP clients
Discard Records When Lease Deleted	True
Disable PTR Record Dynamic Updates	False
DNS Suffix	
Update Legacy Clients	False

Name Protection

Enable Name Protection	False
------------------------	-------

1 Options

Option Name	Vendor	Value	Policy Name
 067 Bootfile Name	DHCP Standard Options	boot\x64\boot.efi	PXE Client (UEFI x64)

Predefined Options

Predefined options (IPv4) represent the IP version 4 option definitions for the DHCP server and their default values.

72 Predefined Options

Name	Description	Vendor Class	Default Values
001 Microsoft Disable Netbios Option	Option for enabling or disabling Netbios for Microsoft Windows 2000 Clients	Microsoft Options	0x1
001 Subnet Mask	Subnet mask in network byte order	DHCP Standard Options	0.0.0.0
001 Microsoft Disable Netbios Option	Option for enabling or disabling Netbios for Microsoft Windows 2000 Clients	Microsoft Windows 2000 Options	0x1
002 Time Offset	UTC offset in seconds	DHCP Standard Options	0x0
002 Microsoft Release DHCP Lease On Shutdown Option	Option for enabling or disabling Windows 2000 Clients to release DHCP lease on shutdown	Microsoft Windows 2000 Options	0x1
002 Microsoft Release DHCP Lease On Shutdown Option	Option for enabling or disabling Windows 2000 Clients to release DHCP lease on shutdown	Microsoft Options	0x1
003 Microsoft Default Router Metric Base	Default Router Base Metrics for Microsoft Windows 2000 Clients	Microsoft Options	0x1
003 Microsoft Default Router Metric Base	Default Router Base Metrics for Microsoft Windows 2000 Clients	Microsoft Windows 2000 Options	0x0
003 Router	Array of router addresses ordered by preference	DHCP Standard Options	0.0.0.0
004 Time Server	Array of time server addresses, by preference	DHCP Standard Options	0.0.0.0
005 Name Servers	Array of name servers [IEN 116], by preference	DHCP Standard Options	0.0.0.0
006 DNS Servers	Array of DNS servers, by preference	DHCP Standard Options	0.0.0.0
007 Log Servers	Array of MIT_LCS UDP log servers on subnet	DHCP Standard Options	0.0.0.0
008 Cookie Servers	Array of cookie servers, RFC 865	DHCP Standard Options	0.0.0.0
009 LPR Servers	Array of RFC 1179 servers, by preference	DHCP Standard Options	0.0.0.0
010 Impress Servers	Array of Imagen Impress Servers	DHCP Standard Options	0.0.0.0
011 Resource Location Servers	Array of RFC 887 ResLoc Servers on subnet, by preference	DHCP Standard Options	0.0.0.0
012 Host Name	Host name for client, RFC 1035 character set	DHCP Standard Options	
013 Boot File Size	Size of boot image file in 512-octet blocks	DHCP Standard Options	0x0
014 Merit Dump File	Path name for crash dump file	DHCP Standard Options	
015 DNS Domain Name	DNS Domain name for client resolutions	DHCP Standard Options	
016 Swap Server	Address of client's swap server	DHCP Standard Options	0.0.0.0
017 Root Path	Path name for client's root disk, char set NVT ASCII	DHCP Standard Options	
018 Extensions Path	tftp file for option extensions	DHCP Standard Options	
019 IP Layer Forwarding	Disable/enable IP packet forwarding on this client	DHCP Standard Options	0x00
020 Nonlocal Source Routing	Disable/enable nonlocal datagrams	DHCP Standard Options	0x00
021 Policy Filter Masks	Destination/mask IP address pairs to filter source routes	DHCP Standard Options	0.0.0.0
022 Max DG Reassembly Size	Maximum size datagram for reassembly by client; max 576	DHCP Standard Options	0x0
023 Default IP Time-to-live	Default TTL for client's use on outgoing DGs	DHCP Standard Options	0x00
024 Path MTU Aging Timeout	Timeout in seconds for aging Path MTU values; RFC 1191	DHCP Standard Options	0x0
025 Path MTU Plateau Table	MTU discovery sizes, sorted by size, all >= 68	DHCP Standard Options	0x0
026 MTU Option	MTU discovery size, >= 68	DHCP Standard Options	0x0
027 All subnets are local	The client assumes that all subnets are local	DHCP Standard Options	0x00

028 Broadcast Address	Broadcast address	DHCP Standard Options	0.0.0.0
029 Perform Mask Discovery	The client should use ICMP for subnet mask discovery.	DHCP Standard Options	0x00
030 Mask Supplier Option	The client should respond to subnet mask requests via ICMP.	DHCP Standard Options	0x00
031 Perform Router Discovery	The client should solicit routers using RFC 1256.	DHCP Standard Options	0x00
032 Router Solicitation Address	Address to use for router solicitation	DHCP Standard Options	0.0.0.0
033 Static Route Option	Destination/router address pairs, in priority order	DHCP Standard Options	0.0.0.0
034 Trailer Encapsulation	The client should negotiate use of trailers (RFC 983).	DHCP Standard Options	0x00
035 ARP Cache Timeout	Timeout in seconds for ARP cache entries	DHCP Standard Options	0x0
036 Ethernet Encapsulation	0=>client should use ENet V2; 1=> IEEE 802.3	DHCP Standard Options	0x00
037 TCP Default Time-to-live	TTL that client uses when sending TCP segments	DHCP Standard Options	0x00
038 Keepalive Interval	Keepalive timeout in seconds	DHCP Standard Options	0x0
039 Keepalive Garbage	Send garbage octet	DHCP Standard Options	0x00
040 NIS Domain Name	Name of Network Information Service domain	DHCP Standard Options	
041 NIS Servers	Addresses of NIS servers on client's subnet	DHCP Standard Options	0.0.0.0
042 NTP Servers	Addresses of Network Time Protocol servers	DHCP Standard Options	0.0.0.0
043 Vendor Specific Info	Embedded vendor-specific options	DHCP Standard Options	
044 WINS/NBNS Servers	NBNS Address(es) in priority order	DHCP Standard Options	0.0.0.0
045 NetBIOS over TCP/IP NBDD	NetBIOS over TCP/IP NBDD address(es) in priority order	DHCP Standard Options	0.0.0.0
046 WINS/NBT Node Type	0x1 = B-node, 0x2 = P-node, 0x4 = M-node, 0x8 = H-node	DHCP Standard Options	0x00
047 NetBIOS Scope ID	NetBIOS over TCP/IP Scope ID	DHCP Standard Options	
048 X Window System Font	Array of X Windows font servers	DHCP Standard Options	0.0.0.0
049 X Window System Display	Array of X Windows Display Mgr servers	DHCP Standard Options	0.0.0.0
051 Lease	Client IP address lease time in seconds	DHCP Standard Options	0x0
058 Renewal (T1) Time Value	Time between addr assignment to RENEWING state	DHCP Standard Options	0x0
059 Rebinding (T2) Time Value	Time from addr assignment to REBINDING state	DHCP Standard Options	0x0
064 NIS+ Domain Name	The name of the client's NIS+ domain.	DHCP Standard Options	
065 NIS+ Servers	A list of IP addresses indicating NIS+ servers	DHCP Standard Options	0.0.0.0
066 Boot Server Host Name	TFTP boot server host name	DHCP Standard Options	
067 Bootfile Name	Bootfile Name	DHCP Standard Options	
068 Mobile IP Home Agents	Mobile IP home agents in priority order	DHCP Standard Options	0.0.0.0
069 Simple Mail Transport Protocol (SMTP) Servers	List of SMTP servers available to the client	DHCP Standard Options	0.0.0.0
070 Post Office Protocol (POP3) Servers	List of POP3 servers available to the client	DHCP Standard Options	0.0.0.0
071 Network News Transport Protocol (NNTP) Servers	List of NNTP servers available to the client	DHCP Standard Options	0.0.0.0
072 World Wide Web (WWW) Servers	List of WWW servers available to the client	DHCP Standard Options	0.0.0.0
073 Finger Servers	List of Finger servers available to the client	DHCP Standard Options	0.0.0.0
074 Internet Relay Chat (IRC) Servers	List of IRC servers available to the client	DHCP Standard Options	0.0.0.0
075 StreetTalk Servers	List of StreetTalk servers available to the client	DHCP Standard Options	0.0.0.0
076 StreetTalk Directory Assistance (STDA) Servers	List of STDA servers available to the client	DHCP Standard Options	0.0.0.0
121 Classless Static Routes	Destination, mask and router IP addresses in priority order	DHCP Standard Options	

Server Options

DHCP IPv4 server options are additional parameters configured at the server level and are automatically inherited by scopes and reservations. When these options are specifically configured at the scope or reservation level they override the setting configured at the server level.






1 Server Options

Option Name	Vendor	Value	Policy Name
 067 Bootfile Name	DHCP Standard Options	boot\x64\boot.efi	PXE Client (UEFI x64)

User and Vendor Classes


User and vendor classes (IPv4) contain specific IP version 4 DHCP options defined by the user or vendor.

5 User and Vendor Classes

Name	Type	Description	Data
 Default Routing and Remote Access Class	User	User class for remote access clients	RRAS.Microsoft
 Default BOOTP Class	User	User class for BOOTP Clients	BOOTP.Microsoft
 Microsoft Windows 2000 Options	Vendor	Microsoft vendor-specific options for Windows 2000 and above Clients	MSFT 5.0
 Microsoft Windows 98 Options	Vendor	Microsoft vendor-specific options for Windows 98 Clients	MSFT 98
 Microsoft Options	Vendor	Microsoft vendor-specific options applicable to all Windows Clients	MSFT

IPv4 Superscopes

Superscopes group multiple scopes as a single administrative entity.

 1 Superscopes

Name	Scope Identifiers
 Superscope Contoso	192.168.3.0

IPv4 Multicast Scopes

Multicast scopes assign multicast addresses to DHCP clients. Multicast addresses are additional addresses that can be assigned to computers to make them members of a multicast group. This allows messages to be sent to multiple computers by using a single address.

1 Multicast Scopes

Name	Start IP Address	End IP Address
Multicast Scope [Contoso Multicast]	224.168.10.0	224.168.10.255

Multicast Scope [Contoso Multicast]

Multicast scopes assign multicast addresses to DHCP clients. Multicast addresses are additional addresses that can be assigned to computers to make them members of a multicast group. This allows messages to be sent to multiple computers by using a single address.

General Settings

State	Active
Start Range	224.168.10.0
End Range	224.168.10.255
Time To Live (TTL)	32
Lease Duration	30 days 0 hours 0 minutes
Description	A multicast scope for Contoso.




Lifetime

Lifetime	Infinite
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Address Pool


The address pool determines the range of multicast addresses that are available for lease to DHCP clients and ranges of addresses within the address pool that are excluded.

Address Pool

Start IP Address	End IP Address	Description
 224.168.10.0	224.168.10.255	Address range for distribution
 224.168.10.1	224.168.10.1	IP Addresses excluded from distribution
 224.168.10.2	224.168.10.3	IP Addresses excluded from distribution

IPv4 Scopes

A scope is a range of IP addresses and other IP related configuration options that a DHCP server can lease to DHCP clients.

 1 Scopes

Name	State	Description
 Scope [192.168.3.0] Contoso HQ	Active	Contoso headquarters

Scope [192.168.3.0] Contoso HQ

A scope is a range of IP addresses and other IP related configuration options that a DHCP server can lease to DHCP clients.

General Settings

State	Active
Start Range	192.168.3.1
End Range	192.168.3.254
Subnet Mask	255.255.255.0
Lease Duration	8 days 0 hours 0 minutes
Description	Contoso headquarters

Advanced

Scope Type	DHCP
Delay (ms)	0
Superscope Name	Contoso

DNS

Dynamic Updates Mode	Dynamically update DNS records only if requested by the DHCP clients
Discard Records When Lease Deleted	True
Disable PTR Record Dynamic Updates	False
Update Legacy Clients	False

Name Protection

Enable Name Protection	False
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Policies

Activate Policies	True
Policy Names	

Address Pool

The address pool determines the range of addresses that are available for lease to DHCP clients and ranges of addresses within the address pool that are excluded.



Address Pool

Start IP Address	End IP Address	Description
 192.168.3.1	192.168.3.254	Address range for distribution
 192.168.3.100	192.168.3.100	IP Addresses excluded from distribution
 192.168.3.200	192.168.3.201	IP Addresses excluded from distribution

Reservations

Reservations provide a permanent address lease assignment by the DHCP server. Reservations ensure that a specified hardware device on the subnet can always use the same IP address.









2 Reservations

Reservation	Client Identifier	Description
 [192.168.3.253] Training Room	00-00-5e-00-53-af	A reservation for the training room.
 [192.168.3.254] Printer	2c-54-91-88-c9-e3	A reservation for the printer.

Scope Options

DHCP scope options are additional parameters configured at the scope level.

8 Scope Options

Option Name	Vendor	Value	Policy Name
 003 Router	DHCP Standard Options	192.168.3.1	
 006 DNS Servers	DHCP Standard Options	192.168.3.1	
 015 DNS Domain Name	DHCP Standard Options	test2022.net	
 044 WINS/NBNS Servers	DHCP Standard Options	192.168.3.1	
 046 WINS/NBT Node Type	DHCP Standard Options	0x08	
 066 Boot Server Host Name	DHCP Standard Options	bootsvr.test2022.net	
 067 Bootfile Name	DHCP Standard Options	boot\x64\boot.efi	PXE Client (UEFI x64)
 069 Simple Mail Transport Protocol (SMTP) Servers	DHCP Standard Options	192.168.3.252	

IPv6 Server

The Microsoft DHCP IPv6 server provides internet protocol version 6 (IPv6) addresses and configuration information to clients.

DNS

Dynamic Updates Mode	Dynamically update DNS records only if requested by the DHCP clients
Discard Records When Lease Deleted	True











Name Protection

Enable Name Protection	False
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Predefined Options

Predefined options (IPv6) represent the IP version 6 option definitions for the DHCP server and their default values.


10 Predefined Options

Name	Description	Vendor Class	Default Values
 00021 SIP Server Domain Name List	Domain Name of SIP servers available to the client	DHCP Standard Options	
 00022 SIP Servers IPv6 Address List	IPv6 addresses of SIP servers available to the client	DHCP Standard Options	
 00023 DNS Recursive Name Server IPv6 Address List	IPv6 Addresses of DNS recursive name servers available to the client	DHCP Standard Options	
 00024 Domain Search List	Domain search list used by clients to resolve hostnames with DNS, by preference	DHCP Standard Options	
 00027 NIS IPv6 Address List	IPv6 Addresses of NIS servers available to the client	DHCP Standard Options	
 00028 NIS+ IPv6 Address List	IPv6 Addresses of NIS+ servers available to the client	DHCP Standard Options	
 00029 NIS Domain List	Domain names of NIS servers available to the client	DHCP Standard Options	
 00030 NIS+ Domain Name List	Domain names of NIS+ servers available to the client	DHCP Standard Options	
 00031 SNTP Servers IPv6 Address List	IPv6 Addresses of SNTP servers available to the client	DHCP Standard Options	
 00032 Information Refresh Time	This option specifies an upper bound for how long a client should wait before refreshing information retrieved from DHCPv6 Server	DHCP Standard Options	0x15180

Server Options

DHCP IPv6 server options are additional parameters configured at the server level and are automatically inherited by scopes and reservations. When these options are specifically configured at the scope or reservation level they override the setting configured at the server level.


1 Server Options

Option Name	Vendor	Value	Class
 032 Information Refresh Time	DHCP Standard Options	0x15180	None

User and Vendor Classes


User and vendor classes (IPv6) contain specific IP version 6 DHCP options defined by the user or vendor.



1 User and Vendor Classes

Name	Type	Description	Vendor Identifier	Data
 Microsoft Windows Options	Vendor	Microsoft vendor-specific options for Windows Clients	311	MSFT 5.0

IPv6 Scopes

A scope is a range of IP addresses and other IP related configuration options that a DHCP server can lease to DHCP clients.

 2 Scopes

Name	State	Description
 Scope [2001:db8::] Contoso MOB	Active	Contoso main office building
 Scope [2001:db9::] Contoso B2	Inactive	Contoso building 2.

Scope [2001:db8::] Contoso MOB

A scope is a range of IP addresses and other IP related configuration options that a DHCP server can lease to DHCP clients.

General Settings

State	Active
Preference	0
Prefix Length	64
Description	Contoso main office building

Lease

Preferred Lifetime	8 days 0 hours 0 minutes
Valid Lifetime	12 days 0 hours 0 minutes

DNS

Dynamic Updates Mode	Dynamically update DNS records only if requested by the DHCP clients
Discard Records When Lease Deleted	True

Name Protection

Enable Name Protection	False
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Exclusions

The exclusions determine the addresses that are excluded from the address pool and are unavailable for lease to DHCP clients.


 2 Exclusions

Start IP Address	End IP Address	Description
 2001:db8::becd:c8fb:23e2:4911	2001:db8::becd:c8fb:23e2:4911	IP Addresses excluded from distribution
 2001:db8::becd:c8fb:23e2:4913	2001:db8::becd:c8fb:23e2:4914	IP Addresses excluded from distribution

Reservations

Reservations provide a permanent address lease assignment by the DHCP server. Reservations ensure that a specified hardware device on the subnet can always use the same IP address.


1 Reservations

Reservation	Client Identifier	Description
 [2001:db8::becd:c8fb:23e2:4915] Printer	00-01-00-01-17-96-f9-3a-28-92-4a-3f-6c-47	Printer reservation.

Scope Options

DHCP scope options are additional parameters configured at the scope level.

 1 Scope Options

Option Name	Vendor	Value	Class
 032 Information Refresh Time	DHCP Standard Options	0x15180	None

Scope [2001:db9::] Contoso B2

A scope is a range of IP addresses and other IP related configuration options that a DHCP server can lease to DHCP clients.

General Settings

State	Inactive
Preference	0
Prefix Length	64
Description	Contoso building 2.

Lease

Preferred Lifetime	10 days 0 hours 0 minutes
Valid Lifetime	14 days 0 hours 0 minutes

DNS

Dynamic Updates Mode	Dynamically update DNS records only if requested by the DHCP clients
Discard Records When Lease Deleted	True

Name Protection

Enable Name Protection	False
------------------------	-------

Exclusions


The exclusions determine the addresses that are excluded from the address pool and are unavailable for lease to DHCP clients.


 2 Exclusions

Start IP Address	End IP Address	Description
 2001:db9::ac10:ee01	2001:db9::ac10:ee01	IP Addresses excluded from distribution
 2001:db9::ac10:ee03	2001:db9::ac10:ee04	IP Addresses excluded from distribution

Reservations

Reservations provide a permanent address lease assignment by the DHCP server. Reservations ensure that a specified hardware device on the subnet can always use the same IP address.


 1 Reservations

Reservation	Client Identifier	Description
 [2001:db9::becd:c8fb:23e2:4916] Printer	00-01-00-01-17-96-f9-3a-28-92-4a-3f-6c-48	Printer reservation.

Scope Options


DHCP scope options are additional parameters configured at the scope level.

 1 Scope Options

Option Name	Vendor	Value	Class
 032 Information Refresh Time	DHCP Standard Options	0x15180	None

Version History

The version history displays the changes that have been made to the documentation of this item over time - either automatically when a change has been detected, or manually by users of the system.

 4 versions

Version	Username	Date	Time	Description
 1.03	TEST2022\sysadmin	Friday, November 4, 2022	5:23 PM	Updated by XIA Configuration Client Data
 1.02	TEST2022\sysadmin	Friday, November 4, 2022	5:15 PM	Updated by XIA Configuration Client Data
 1.01	TEST2022\sysadmin	Friday, November 4, 2022	5:07 PM	Added general information.
 1.00	TEST2022\sysadmin	Friday, November 4, 2022	5:03 PM	Updated by XIA Configuration Client Data