Ethical Hacking and Countermeasures
Nbtstat Cheat Sheet

CEH Certified Ethical Hacker

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Nbtstat
Source: https://docs.microsoft.com

Nbtstat displays NetBIOS over TCP/IP (NetBT) protocol statistics, NetBIOS name tables for both the local computer and remote computers, and the NetBIOS name cache. Nbtstat allows a refresh of the NetBIOS name cache and the names registered with Windows Internet Name Service (WINS). Used without parameters, nbtstat displays help.

Syntax

Nbtstat [[-a RemoteName] [-A IP address] [-c] [-n][-r]
[-R] [-RR] [-s] [-S] [interval]]

Nbtstat Parameters

Parameter	Description
/a	Displays the NetBIOS name table of a remote computer, where remoteName is the NetBIOS computer name of the remote computer
/A	Displays the NetBIOS name table of a remote computer, specified by the IP address (in dotted decimal notation) of the remote computer
/c	Displays the contents of the NetBIOS name cache, the table of NetBIOS names and their resolved IP addresses
/n	Displays the NetBIOS name table of the local computer. The status of registered indicates that the name is registered either by broadcast or with a WINS server
/r	Displays NetBIOS name resolution statistics
/R	Purges the contents of the NetBIOS name cache and then reloads the #PRE-tagged entries from the Lmhosts file
/RR	Releases and then refreshes NetBIOS names for the local computer that is registered with WINS servers
/s	Displays NetBIOS client and server sessions, attempting to convert the destination IP address to a name
/S	Displays NetBIOS client and server sessions, listing the remote computers by destination IP address only
/?	Displays help at the command prompt
Interval	Redisplays selected statistics, pausing the number of seconds specified in Interval between each display. Press CTRL+C to stop redisplaying statistics. If this parameter is omitted, nbtstat prints the current configuration information only once

Nbtstat Commands

Command	Description
nbtstat /c	Shows the contents of the NetBIOS name cache, which contains NetBIOS name-to-IP address mappings
nbtstat /n	Displays the names that have been registered locally on the system by NetBIOS applications such as the server and redirector
nbtstat /A 10.0.0.99	Displays the NetBIOS name table of the remote computer assigned the IP address of 10.0.0.99
nbtstat /r	Displays the count of all NetBIOS names resolved by broadcast and by querying a WINS server
nbtstat /S	Lists the current NetBIOS sessions and their statuses.
nbtstat /R	Used to purge the NetBIOS name cache and reload the #PRE-tagged entries in the local Lmhosts file
nbtstat /RR	Release NetBIOS names registered with the WINS server and re-register them
nbtstat /a CORP07	Displays the NetBIOS name table of the remote computer with the NetBIOS computer name of CORP07
nbtstat /S 10	Display NetBIOS session statistics by IP address every 10 seconds

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