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Genesys Licensing Guide

Determining Host IDs

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Contents

- 1 Determining Host IDs
 - 1.1 About Host IDs
 - 1.2 Host ID Commands

Determining Host IDs

This topic helps you find out and correctly format the host ID of the computer running your License Manager. Information is divided between two topics:

- [About Host IDs](#)
- [Host ID Commands](#)

About Host IDs

The Flex component in Genesys License Manager uses different machine identifications for different operating systems. For example, all Sun Microsystems, Inc., machines have a unique host ID, whereas DEC machines do not. For this reason, the Ethernet address is used on some machine architectures as the host ID. An Ethernet address is a 6-byte number, with each byte specified as two hexadecimal digits. You must specify all 12 hex digits when using an Ethernet address as a host ID.

For example, if the Ethernet address is 8:0:20:0:5:ac, specify 0800200005ac as the host ID.

When determining the host ID, make sure it is not the IP address. These two are not the same.

Use the `lmhostid` utility to print out the exact host ID that Flex expects to see for any given machine.

Numeric, 32-bit host IDs are normally used in hexadecimal format. However, on some systems, including HP and SGI, the system command returns the number in decimal format. Since v3.0 of Flex, a pound symbol (#) before the host ID indicates a decimal number to Flex. For example, if the HP `uname -i` command returns 2005771344, Flex will accept #2005771344.

Alternatively, you can convert the number to hexadecimal. On a UNIX system, you can convert the decimal format to hexadecimal with the following script:

```
% echo 2005771344 16o p | dc
```

which returns:778DA450

Host ID Commands

The [Host ID Commands for Different Operating Systems](#) table lists various platform-specific methods for obtaining the host ID required and supported by Genesys.

Tip

Genesys recommends using Ethernet addresses, where supported, for greater license

management flexibility.

Host ID Commands for Different Operating Systems

OS Name	Type	Command	Host ID String
AIX (RS/6000, PPC)	32-bit host ID	Enter <code>uname -m</code> , which returns 000276513100. Remove the last two digits and use the last eight digits out of the remaining ten.	02765131
DEC Alpha	Ethernet address	Enter <code>netstat -i</code>	080020005532
HPUX (Note: Genesys License Manager does not currently support the Ethernet address retrieval on HPUX.)	32-bit host ID	Enter <code>uname -i</code> and convert to hex or prefix with #.	778DA450 or #2005771344
SUN Solaris	32-bit host ID	Enter <code>hostid.</code>	170a3472
Windows	Ethernet address	Enter <code>lmutil lmhostid.</code>	0800200055327
	Disk serial number	Type either command: <code>DIR C: more vol C:</code> Then look for Volume Serial Number <code>is</code> , and remove the dash (-) from the middle of it. Warning! Be sure to obtain the host ID of the physical (C:) drive.	DISK_SERIAL_NUM= 1CA25283
Linux	Ethernet address	Enter <code>lmutil lmhostid.</code>	0800200055327