

WhoIS - Who is
=====
Version 210

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1. Introduction

Starting with GUARDIAN D30, Alias users are introduced to the system, and co-exist beside GUARDIAN users.

An Alias user has its own name (which is case sensitive), an individual password, and DEFAULT values (GUARDIAN security, DEFAULT volume, SAFEGUARD default ACL).

This is the good news.

The bad news is, that an Alias is mapped to a GUARDIAN-ID when he successfully has passed the authentication procedure. This means, that the ID of a running process does NOT show the real user behind it, which might be an Alias user. It is even worse, when several different Alias users are mapped into one GUARDIAN-ID.

WhoIs is the solution: It displays the real ID behind a GUARDIAN ID when there is one.

WhoIs displays the following user information:

- Alias Name (if the user has logged on with an Alias name, e.g. Weber_Carl)
- GUARDIAN name (group.name, e.g. GHS.CARL)
- GUARDIAN ID (groupID,userID, e.g. 100,5)
- home terminal
- window address of home terminal (IP address and port, or X.25 DTE address)
- Tandem address of home terminal (IP address and port)
- the users process logon state
- the users process object file name

2. Installation

WhoIs is a TAL program, which uses D30 GUARDIAN procedure calls.

WhoIs runs on GUARDIAN D30 and earlier, NOT on D20 and older.

WhoIs does NOT run PRIV code.

For ease of use, put WhoIs into a volume which is in the PMSEARCH-path, e.g. \$SYSTEM.SYSTEM (\$SYSTEM.SYSTEM.WHOIS).

Make the system administrator the owner of WhoIs.

Secure WhoIs to: "OOAO" or "OONO" (GUARDIAN) or the appropriate SAFEGUARD ACL.

3. Runtime

WhoIs is started from the TACL prompt.

The command syntax is:

WHOIS [/OUT outfile/] [param]

where

outfile Is the file where the output is directed to.
 In case the file does not exist, it is created as an EDIT
 type file. In case the file does exist, the output is
 written to that file.

param is one of the following:

WHOIS Displays users name

Example 1: User is logged on as GUARDAIN user:

```
$GHS1 SECOM 1> whois
WHOIS (210) - T7172H06 - (11Jun2014) System \GINKGO, running NSK H06.26
Copyright (c) GreenHouse Software & Consulting 1997..2014
```

```
You are the GUARDIAN user SA.CARL (ID 100,5)
Home Terminal: \BEECH.$ZTN01.#PT4MAAB
Client Address: 192.231.36.1 1079
Tandem Address: 192.231.36.81 23
IP Address of Emulator: 192.231.36.1
$GHS1 SECOM 2>
```

The IP address of the Emulator is shown only in case the users terminal is a Win6530 type terminal from comForte.

Example 2: User is logged on as Alias User:

```
$GHS1 WHOIS 18> whois
WHOIS (210) - T7172H06 - (11Jun2014) System \GINKGO, running NSK H06.26
Copyright (c) GreenHouse Software & Consulting 1997..2014
```

```
You are the Alias user Carlito (GUARDIAN Name SA.CARL, ID 100,5)
Home Terminal: \BEECH.$ZTN00.#PTADRLF
Client Address: 192.231.36.4 1170
Tandem Address: 192.231.36.80 23
IP Address of Emulator: 192.231.36.4
$GHS1 WHOIS 19>
```

WHOIS \$process Displays the username of the requested process.
e.g. WHOIS \$CI36 displays the current user of process \$CI36

Example 1: User is logged on as GUARDAIN user:

```
$GHS1 SECOM 20> whois $z076
WHOIS (210) - T7172H06 - (11Jun2014) System \GINKGO, running NSK H06.26
Copyright (c) GreenHouse Software & Consulting 1997..2014
```

```
$Z076 GUARDIAN user SA.CARL (ID 100,5)
Home Terminal: \BEECH.$ZTN00.#PTADRLE
Client Address: 192.231.36.1 1169
Tandem Address: 192.231.36.80 23
Process inherited logon
$GHS1 SECOM 21>
```

Example 2: User is logged on as Alias User:

```
$GHS1 SECOM 21> whois $z076
WHOIS (210) - T7172H06 - (11Jun2014) System \GINKGO, running NSK H06.26
Copyright (c) GreenHouse Software & Consulting 1997..2014
```

```
$Z076 Alias user Carlito (GUARDIAN Name SA.CARL, ID 100,5)
Home Terminal: \BEECH.$ZTN00.#PTADRLE
Client Address: 192.231.36.1 1169
```

Tandem Address: 192.231.36.80 23
Process is logged on
\$GHS1 SECOM 22>

WHOIS CPU,PIN Displays the username of the requested
 process ID.
 e.g. WHOIS 13,456 displays the current
 user of process 13,456

Example 1: User is logged on as GUARDAIN user:

```
$GHS1 SECOM 24> whois 0,335
WHOIS (210) - T7172H06 - (11Jun2014)   System \GINKGO, running NSK H06.26
Copyright (c) GreenHouse Software & Consulting 1997..2014
```

```
0,335      GUARDIAN user SA.CARL (ID 100,5)
           Home Terminal:  \BEECH.$ZTN00.#PTADRLF
           Client Address: 192.231.36.1 1170
           Tandem Address: 192.231.36.80 23
           Process is logged on
```

\$GHS1 SECOM 25>

Example 2: User is logged on as Alias User:

```
$GHS1 SECOM 25> whois 1,339
WHOIS (210) - T7172H06 - (11Jun2014)   System \GINKGO, running NSK H06.26
Copyright (c) GreenHouse Software & Consulting 1997..2014
```

```
1,339      Alias user Carlito (GUARDIAN Name SA.CARL, ID 100,5)
           Home Terminal:  \BEECH.$ZTN00.#PTADRLE
           Client Address: 192.231.36.1 1169
           Tandem Address: 192.231.36.80 23
           Process is logged on
```

\$GHS1 SECOM 26>

WHOIS \$vol.subvol.name Displays the users, having a program,
 created from \$vol.subvol.name running
 in logged on state.
 Primary as well as backup processes are
 shown.
 e.g. WHOIS \$system.sys03.tacl displays
 all processes, running from
 \$system.sys03.tacl and their users.
 Only fully qualified file names are
 supported.

Example:

```
$GHS1 WHOIS 27> whois $system.sys01.taclh
WHOIS (210) - T7172H06 - (11Jun2014)   System \GINKGO, running NSK H06.26
Copyright (c) GreenHouse Software & Consulting 1997..2014
```

```
0,330      GUARDIAN user SA.CARL (ID 100,5)
           Home Terminal:  \BEECH.$ZTN01.#PTRT3AF
           Client Address: 192.231.36.1 1167
           Tandem Address: 192.231.36.81 23
           Process inherited logon
0,335      GUARDIAN user SA.CARL (ID 100,5)
           Home Terminal:  \BEECH.$ZTN00.#PTADRLF
           Client Address: 192.231.36.1 1170
           Tandem Address: 192.231.36.80 23
           Process is logged on
0,336      GUARDIAN user SA.CARL (ID 100,5)
           Home Terminal:  \BEECH.$ZTN00.#PTADRLD
           Client Address: 192.231.36.1 1166
```


WHOIS ON,BRIEF Displays all processes in logged on state
along with the user and program name.

Example:

```
$GHS1 WHOIS 7> whois on,brief
WHOIS (210) - T7172H06 - (11Jun2014)   System \GINKGO, running NSK H06.26
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Alias user Christian (GUARDIAN Name GHS.CHRISTI, ID 200,6)
$Z094      $SYSTEM.SYS01.TACL

Alias user Christian (GUARDIAN Name GHS.CHRISTI, ID 200,6)
$Z09H      $SYSTEM.SYS01.TACL

Alias user Christian (GUARDIAN Name GHS.CHRISTI, ID 200,6)
$Z09M      $SYSTEM.SYS01.TACL

GUARDIAN user SUPER.SUPER (ID 255,255)
$ZPM       $SYSTEM.SYS01.ZPM

$GHS1 WHOIS 8>
```

WHOIS user Displays all processes in logged on state
of a given user.
<user> can be a GUARDIAN user, or an Alias
user. Depending of the nature of the name,
it might be case sensitive.

Example:

```
$GHS1 WHOIS 31> whois Carlito
WHOIS (210) - T7172H06 - (11Jun2014)   System \GINKGO, running NSK H06.26
Copyright (c) GreenHouse Software & Consulting 1997..2014

1,339     Alias user Carlito (GUARDIAN Name SA.CARL, ID 100,5)
          Home Terminal:  \BEECH.$ZTN00.#PTADRLE
          Client Address: 192.231.36.1 1169
          Tandem Address: 192.231.36.80 23
          Process is logged on
          $SYSTEM.SYS01.TACLH

$GHS1 WHOIS 32>

$GHS1 WHOIS 33> whois super.super
WHOIS (210) - T7172H06 - (11Jun2014)   System \GINKGO, running NSK H06.26
Copyright (c) GreenHouse Software & Consulting 1997..2014

0,330     GUARDIAN user SUPER.SUPER (ID 255,255)
          Home Terminal:  \BEECH.$ZTN01.#PTRT3AF
          Client Address: 192.231.36.1 1167
          Tandem Address: 192.231.36.81 23
          Process is logged on
          $SYSTEM.SYS01.TACLH

$GHS1 WHOIS 34>
```

4. Summary

WHOIS	Displays users name
WHOIS \$process	Displays the username of requested process
WHOIS CPU,PIN	Displays the username of requested PIN
WHOIS \$vol.subvol.name	Displays the users of the program
WHOIS ON[,BRIEF]	Displays all processes in logged on state
WHOIS user	Displays all logged on processes of a given user

5. User and File name collisions

WHOIS checks the start-up parameter string for a valid user name, before it treats it as a disk file name.

To make sure, that WHOIS behaves correctly, use fully qualified disk file names only.

In case of any question, please feel free to contact me at:

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