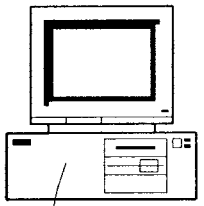
Software Identification Process



Node 1

1

1. Audit the node. The audit agent creates a rawfile at the time of the audit. This file is temporarily stored in the Bvems\Eaudit\Rawfiles.nlm directory on the audit server which audited the node.

Software on this PC.

"Unknown.exe"
"Known.exe"

AUDIT SERVER

2

Bvems\Eaudit\ Rawfiles.nlm directory.

1.wdf
"Unknown.exe"
"Known.exe"

2. The temporary rawfile contains all of the information gathered for the node. Therefore, it contains a list of all software detected on that node.

3

"Identify Inventory Now" Button ← or every 1 hr by default

4

Bvaudit.nlm

"Unknown.exe"
"Known.exe"

4. The **Wcslist.dat** is one large list consisting of all custom software and all software from the master software list. The list of files from the rawfile are first compared to the section of the list that represents the custom software list and then to all of the files in the master list. If the file is found in that list is is immediatly added to the list of identified software for that node. Any file names that aren't recognized by the Custom/ Master file list (**Wcslist.dat**) are sent to the unknown file list (**Wsnewsw.dat**) file on that audit server.

Custom and Master software list combined

Wscslist.dat
"Known.exe"

"Known.exe"

"Unknown.exe"

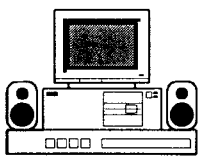
Node Information, including Identified Software.

**Bvems\Eaudit\ UserData **
Wsinvent.dat
Wssoft.dat
"Known.exe"

Unknown software file list.

Wsnewsw.dat
"Unknown.exe"

3. Clicking on the Identify Inventory Now button on an audit server's Performance Tuning Options screen will cause Bvaudit.nlm to immediatly compare the rawfile software to the **wscslist.dat** file. Clicking on this button produces the same affect as when the software identification interval passes and the Sync. happens automatically.



BindView Console

MASTER SERVER

Wscslist.dat

Custom and Master software list combined.

5. During the next Database Synchronization...

5

"Unknow.exe"

Enewsw.dat
"Unknown.exe"

Unknown software file list

All unknown files detected by the audit server will be added to the master server's unknown software list. **Before this sync. takes place, the new piece of unknown software will only show up in the unknown software grid.** It will not show up in the unknown software list until after this sync.

Summary

This chart shows how the two pieces of software on the sample node are identified as either known or unknown software. In this example only "Known.exe" is in the Custom/Master Software list.

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