

# System Maintenance

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## DART 9 - Scandisk Execution

DART 9 detects the execution of the Microsoft Scandiskw (the version of Scandisk running under Windows) program and reports its completion.

## DART 12 - Symantec Virus Definition Management

DART 12 manages the Symantec virus definitions on all systems where it is enabled and configured accordingly. It ensures that at all times, all systems where it is enabled and configured accordingly, at the very least, will have the newest virus definitions available on each sub-net.

DART 12 accomplishes this goal by looking for the newest possible virus definitions in the following locations:

- Other systems on the same sub-net
- The location(s) of Norton Anti Virus on-site server(s)
- Symantec's site, using the LiveUpdate program

The above options for updating a system's Symantec virus definitions can be used independently, or in conjunction with each other. If they are used together, DART 12 executes each option in the order listed above.

DART 12 also automatically notifies you when The Symantec virus definitions are out of date for a period of time longer than the value of the **Maximum age of virus definitions in days** DART configuration parameter.

Whenever it runs, DART 12 automatically reports the Symantec virus definition dates from all systems on the sub-net.

If so configured, DART 12 will also report if Norton Anti Virus is either not installed correctly or not at all on the system where the DART runs.

## DART 15 - Anti Virus Scan Execution

DART 15 initiates the silent execution of the Norton Anti Virus program and reports its completion.

If so configured, DART 15 will also report if Norton Anti Virus is either not installed correctly or not at all on the system where the DART runs.

## DART 19 - Disk Defragmenter for MS Windows 9x and Me Execution

DART 19 executes the program Microsoft Disk Defragmenter on systems running the Microsoft Windows 9x or Me operating systems, and reports its completion status.

## DART 60, 217, 218, 219, 220, 221 - Clean Folders

DART 60 deletes files and directories specified in the DART's configuration page. All the configuration settings for DART 60 can be changed including file mask, locations, deletion of read-only files, and minimum age of files to be deleted. Its default settings are:

- ➔ Locations scanned: Those matching the TEMP environment variable
- ➔ Search criteria: [~\*.\*] [\*.\*tmp] [\*.\*]
- ➔ Removal criteria: older than 14 Days, 0 Hours, 0 Minutes, 0 Seconds
- ➔ Read-only files matching search criteria and aging criteria are not deleted

## DART 62 - Scandisk Files Clean-up on MS Windows 9x / Windows Me Systems

DART 62 deletes files created when Microsoft Scandisk finds an error on a drive and attempts to recover data before repairing the error. Its default parameters are:

- ➔ Location scanned: Root directory on all local drives
- ➔ Search criteria: file????.chk
- ➔ Removal criteria: Older than 14 Days, 0 Hours, 0 Minutes, 0 Seconds

The value of the removal criteria parameter can be changed using the DART configuration module. All other parameters are fixed.

## DART 69 - Chkdsk Files Clean-up on MS Windows NT4 / Windows 2000 Systems

DART 69 deletes files created when Chkdsk finds an error on a drive and attempts to recover data before repairing the error.

For every fixed disk drive in the system, DART 69 looks in the root directory for directories that match the mask "found.???". This is where Windows NT places any files produced by Chkdsk. It names these directories found.001, found.002, and so on, for the different runs of Chkdsk.

Inside the "found.???" directories, DART 69 selects files that match the "file\*.chk" mask and directories that match "dir\*.chk" mask.

Inside the "dir\*.chk" directories, it examines all files and directories. It deletes any file that is as old as or older than the number of days entered in its configuration file. The default value of the removal criteria is 14 days. This means that DART 69 deletes any selected file that is at least 14 days old.

When it examines a directory, it checks to see if it is old enough. If it is, then it recursively descends into the directory and looks at everything inside it. If it ends up deleting everything inside the directory, then it also deletes that directory.

The value of the removal criteria parameter can be changed using the DART configuration module. The file and directory selection masks are fixed.

## DART 86 - Synchronization of System Clock with Time Server

DART 86 synchronizes a system's clock in one of two ways:

- Using HCP from the system where the ReSOFT log server is located (this is the default option)
- Accessing a certified time server on the Internet. It uses port 37 to access the following time servers to adjust a system's clock:
  - time.nist.gov
  - time-a.nist.gov
  - time-nw.nist.gov
  - ntp2.usno.navy.mil

In case of failure to reach the first time server on the list above, it will attempt to reach the others in sequential order (i.e. 2nd, 3rd, etc., etc.)

If none of the time servers is available, the synchronization operation will be attempted again the next time DART 86 is scheduled to run.

You can modify the list of time servers used by DART 86, adding or deleting time servers.

## DART 90 - McAfee Virus Definition Management

DART 90 manages the McAfee VirusScan virus definitions on all systems where it is enabled and configured accordingly. It ensures that at all times, all systems where it is enabled and configured accordingly, at the very least, will have the newest virus definitions available on each sub-net.

DART 90 accomplishes this goal by looking for the newest possible virus definitions in the following locations:

- Other systems on the same sub-net
- The location(s) of McAfee VirusScan on-site server(s)
- Symantec's site, using the LiveUpdate program

The above options for updating a system's McAfee VirusScan virus definitions can be used independently, or in conjunction with each other. If they are used together, DART 90 executes each option in the order listed above.

DART 90 also automatically notifies you when The McAfee VirusScan virus definitions are out of date for a period of time longer than the value of the **Maximum age of virus definitions in days** DART configuration parameter.

Whenever it runs, DART 90 automatically reports the McAfee VirusScan virus definition dates from all systems on the sub-net.

If so configured, DART 90 will also report whether McAfee VirusScan is either not installed correctly or not at all on the system where the DART runs.

This DART can be configured to update the VirusScan virus definition database, or the virus database and the VirusScan software itself.

## DART 92 - Disk Defragmenter for MS Windows NT, 2000 and XP Execution

DART 92 executes the program disk defragmenter on systems running the Microsoft Windows NT4 or 2000 operating systems, and reports its completion status.

## DART 175 - McAfee VirusScan Execution

DART 175 initiates the silent execution of the McAfee VirusScan program and reports its completion.

If so configured, DART 175 will also report if McAfee VirusScan is either not installed correctly, or not at all on the system where the DART runs.

## DART 211 - Disk Defragmenter Execution (MS Windows XP)

DART 211 executes the program disk defragmenter on systems running the Microsoft Windows XP operating system, and reports its completion status.

## DART 238 - Symantec Anti Virus Definition Dates Log

DART 238 reports the Symantec virus definition dates on the system where the DART is executed, and the latest virus definition dates on the sub-net where the system is located.

DART 238 can be executed on demand or on a schedule.

## DART 239 - McAfee Anti Virus Definition Dates Log

DART 239 reports the McAfee VirusScan virus definition dates on the system where the DART is executed, and the latest virus definition dates on the sub-net where the system is located.

DART 239 can be executed on demand or on a schedule.

## DART 242 - eTrust Virus Definition Management

DART 242 manages the eTrust Anti Virus virus definitions on all systems where it is enabled and configured accordingly. It ensures that at all times, all systems where it is enabled and configured accordingly, at the very least, will have the newest virus definitions available on each sub-net.

DART 242 accomplishes this goal by looking for the newest possible virus definitions in the following locations:

- Other systems on the same sub-net

- The location(s) of eTrust Antivirus on-site server(s)
- Computer Associate's site, using the eTrust virus definition update program

The above options for updating a system's eTrust Antivirus virus definitions can be used independently, or in conjunction with each other. If they are used together, DART 247 executes each option in the order listed above.

When the date of the eTrust Antivirus virus definition database files (last modified date of the virus definition files) is older than the current date by the number of days specified by the **Maximum days since last definitions update** configuration parameter, or more, DART 242 will post this information on the ReSOFT server.

Whenever it runs, DART 242 automatically reports the eTrust virus definition versions from all systems on the sub-net.

If so configured, DART 242 will also report if eTrust EZ Antivirus is either not installed correctly, or not at all on the system where the DART runs.

## DART 243 - eTrust EZ Antivirus Scan Execution

DART 243 executes the silent execution of the eTrust EZ Antivirus scan, and reports its completion.

If so configured, DART 243 will also report if eTrust EZ Antivirus is either not installed correctly, or not at all on the system where the DART runs.

## DART 244 - eTrust EZ Antivirus Definition Dates Log

DART 244 reports the eTrust virus definition versions on the system where the DART is executed, and the latest virus definition version on the sub-net where the system is located.

This DART can be executed on a schedule or on demand.

## DART 247 - Trend Micro Virus Definition Management

DART 247 manages the Trend Micro Anti Virus virus definitions on all systems where it is enabled and configured accordingly. It ensures that at all times, all systems where it is enabled and configured accordingly, at the very least, will have the newest virus definitions available on each sub-net.

DART 247 accomplishes this goal by looking for the newest possible virus definitions in the following locations:

- Other systems on the same sub-net
- The location(s) of Trend Micro Anti Virus on-site server(s)
- Trend Micro's site, using the Trend Micro virus definition update program

The above options for updating a system's Trend Micro Anti Virus virus definitions can be used independently, or in conjunction with each other. If they are used together, DART 247 executes each option in the order listed above.

When the date of the Trend Micro Anti Virus virus definition database files is older than the current date by the number of days specified by the **maximum days since last definitions update** configuration parameter, or more, DART 247 will post this information on the ReSOFT server.

Whenever it runs, DART 247 automatically reports the Trend Micro Anti Virus virus definition versions from all systems on the sub-net.

If so configured, DART 247 will also report if Trend Micro Anti Virus is either not installed correctly or not at all on the system where the DART runs.

## DART 249 - Trend Micro Anti Virus Scan Execution

DART 249 executes the Trend Micro Anti Virus virus scan, and reports its completion.

If so configured, DART 249 will also report if Trend Micro Anti Virus is either not installed correctly or not at all on the system where the DART runs.

## DART 250 - Trend Micro Anti Virus Definition Dates Log

DART 250 reports the Trend Micro Anti Virus virus definition dates on the system where the DART is executed, and the latest virus definition dates on the sub-net where the system is located.

This DART can be executed on a schedule or on demand.

## DART 251 – IE Browser Optimization

DART 251 has the options to delete cookies, history, temporary internet files, toolbars, form data, password, files and settings stored by add-ons. Also re-registers IE files.

This DART can be executed on a schedule or on demand.

## DART 253 – Defrager for 64-bit OS

This Dart is used to defrag all the drives in the system.

- It checks the Architecture of the system (32-bit or 64-Bit).
- If the System is 32-bit then this dart will take the help of Disk Defragmenter Execution (MS Windows XP, and Server 2003) - Dart 211.
- If the System is 64-bit then this dart will check for the file df64.exe on location C:\Program Files (x86)\Handsfree\client\Tools\df64.exe.
- If the file exists then this DART will take help of df64bit – Shortcut batch file to defragment all the drives in the machine.
- If the file doesn't exist, then this DART will download the df64.exe from the FTP location to the C:\Program Files (x86)\Handsfree\client\Tools\df64.exe and start the defragmentation for all the drives.

## DART 280– Hardware Diagnostic Management (Scripts)

If PC Doctor 3.0 is installed in the machine, when this DART is triggered it runs hardware diagnostic tests for an individual item or multiple items which includes motherboards, CPUs, hard drives, system factory etc.

The result will be stored in the Handsfree folder and also displayed in DART 280's event.

## DART 281– Hardware Diagnostic Management (Devices)

If PC Doctor 3.0 is installed in the machine, when this DART is triggered it runs hardware diagnostic tests for an individual item or multiple items which includes keyboard, mouse, printer, camera etc.

The result will be stored in the Handsfree folder and also displayed in DART 280's event.

To learn more about HandsFree Networks and our solution, visit [www.handSFreenetworks.com](http://www.handSFreenetworks.com), send us an e-mail or call



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