



APPENDIX **C**

Windows Application Event Logs

This appendix summarizes the events that the AD Agent software logs to the Windows Application Log (in addition to the Customer Log messages), under the following situations:

- The AD Agent itself (actually, its internal "watchdog" functionality) has been started or stopped because of installation or uninstallation of the AD Agent software, or because of a reboot of the AD Agent machine.
- The internal "AD Observer" and "RADIUS Server" components of the AD Agent have been manually started or stopped, using the **adactrl** command.
- The internal "AD Observer" and "RADIUS Server" components of the AD Agent have been automatically stopped or restarted, after the watchdog functionality of the AD Agent software has detected a crash or a serious error in one or more of these processes.

You can view these events using the Windows "Event Viewer" tool, which is available in the following location:

Event Viewer (Local) > Applications and Services Log > Cisco AD Agent

All these events have the following attributes and values:

- Source—Cisco AD Agent
- Level—Information
- Task Category—None

Table C-1 lists the event ID, message text, and description for these events.

Table C-1 Windows Application Event Logs

Event ID	Message Text	Description
10	Watchdog Service Was Started	The internal watchdog service of the AD Agent has been started. You will usually see this message immediately after installation of the AD Agent, or after a reboot of the AD Agent machine.
11	Watchdog Service Was Shutdown	The internal watchdog service of the AD Agent has been stopped. You will usually see this message as part of uninstallation of the AD Agent. It can also happen if the Cisco AD Agent in the Windows Services panel was manually stopped or restarted.
20	C:\IBF\watchdog\radiusServer.bat Was Started	The “RADIUS Server” subcomponent of the AD Agent has either been manually started (using the adactrl command) or automatically restarted (after a crash or failure).
20	C:\IBF\watchdog\adObserver.bat Was Started	The “AD Observer” subcomponent of the AD Agent has either been manually started (using the adactrl command) or automatically restarted (after a crash or failure).
21	C:\IBF\watchdog\radiusServer.bat Was Shutdown	The “RADIUS Server” subcomponent of the AD Agent has crashed, or has been stopped after a failure was detected.
21	C:\IBF\watchdog\adObserver.bat Was Shutdown	The “AD Observer” subcomponent of the AD Agent has crashed, or has been stopped after a failure was detected.
21	rt_daemon.exe Was Shutdown	The “RADIUS Server” subcomponent of the AD Agent has been manually stopped (using the adactrl command).
21	ADObserver.exe Was Shutdown	The “AD Observer” subcomponent of the AD Agent has been manually stopped (using the adactrl command).
22	C:\IBF\watchdog\radiusServer.bat Failed To Start	The “RADIUS Server” subcomponent of the AD Agent has failed to start properly.
22	C:\IBF\watchdog\adObserver.bat Failed To Start	The “AD Observer” subcomponent of the AD Agent has failed to start properly.