

Defining a VBScript to Automatically Backup and Clear the Application Log on Daily Basis.

In this article we will define a VBScript that can be used to backup and clear the Application Event Log. With the help of this VBScript, application Event Log will be automatically backed up with a unique file name(date based) and after successfully backing up the application log, it is cleared in the event viewer.

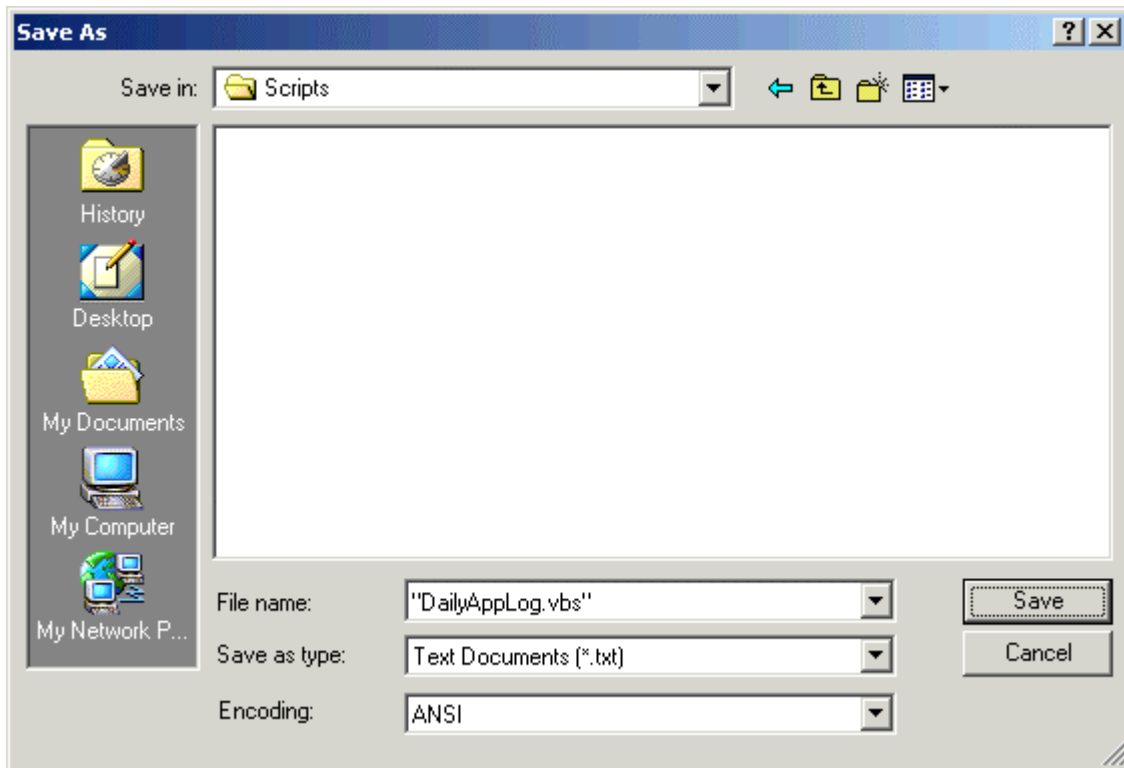
Please follow these steps to accomplish this task.

1. Create a folder named **ApplicationLogs** on your C drive.
2. Open **notepad** → **copy and paste** the following code into a new text file.

```
dtmThisDay = Day(Date)
dtmThisMonth = Month(Date)
dtmThisYear = Year(Date)
strBackupName = dtmThisYear & "_" & dtmThisMonth & "_" & dtmThisDay
strComputer = "."
Set objWMIService = GetObject("winmgmts:" _
    & "{impersonationLevel=impersonate,(Backup)}!\\" & _
    strComputer & "\root\cimv2")
Set colLogFiles = objWMIService.ExecQuery _
    ("Select * from Win32_NTEventLogFile where LogFileName='Application'")
For Each objLogFile in colLogFiles
    objLogFile.BackupEventLog("c:\ApplicationLogs\" & strBackupName & _
        "_application.evt")
    objLogFile.ClearEventLog()
Next
```

3. Save this file with **.VBS** extension at a desired location.

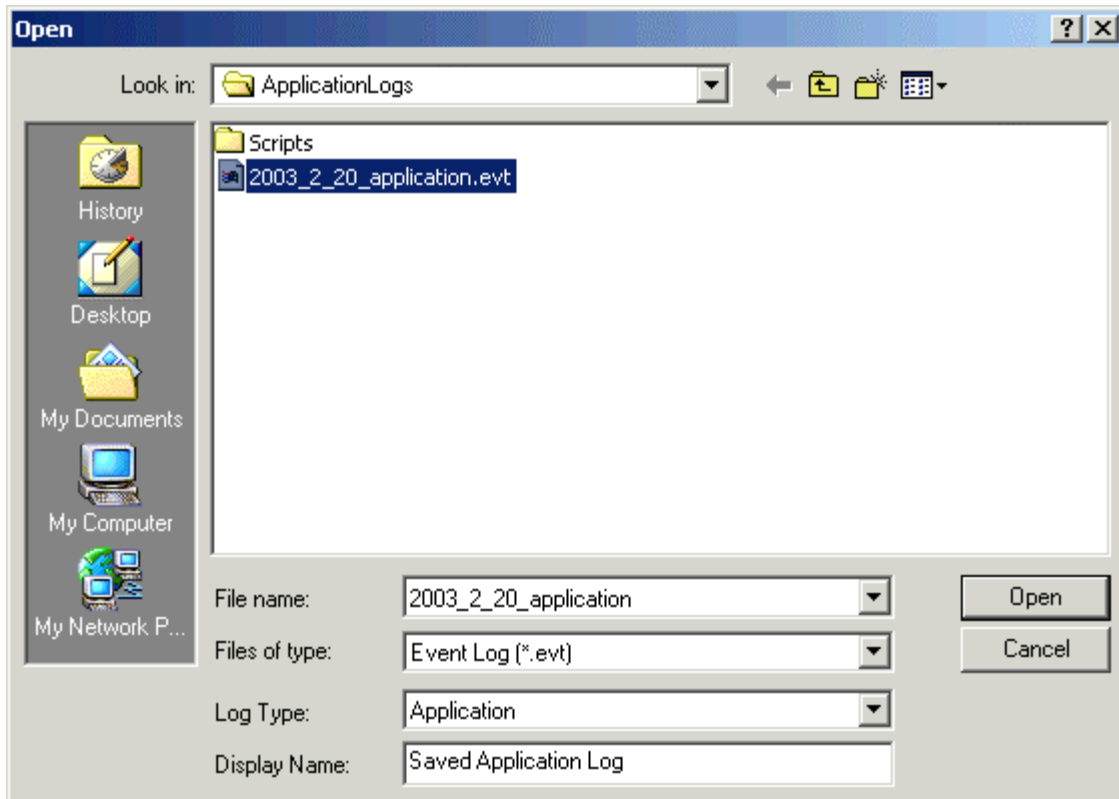
Note: Don't forget to place inverted commas (across filename) while saving this file. Otherwise this file will be saved as a text file not a script file.



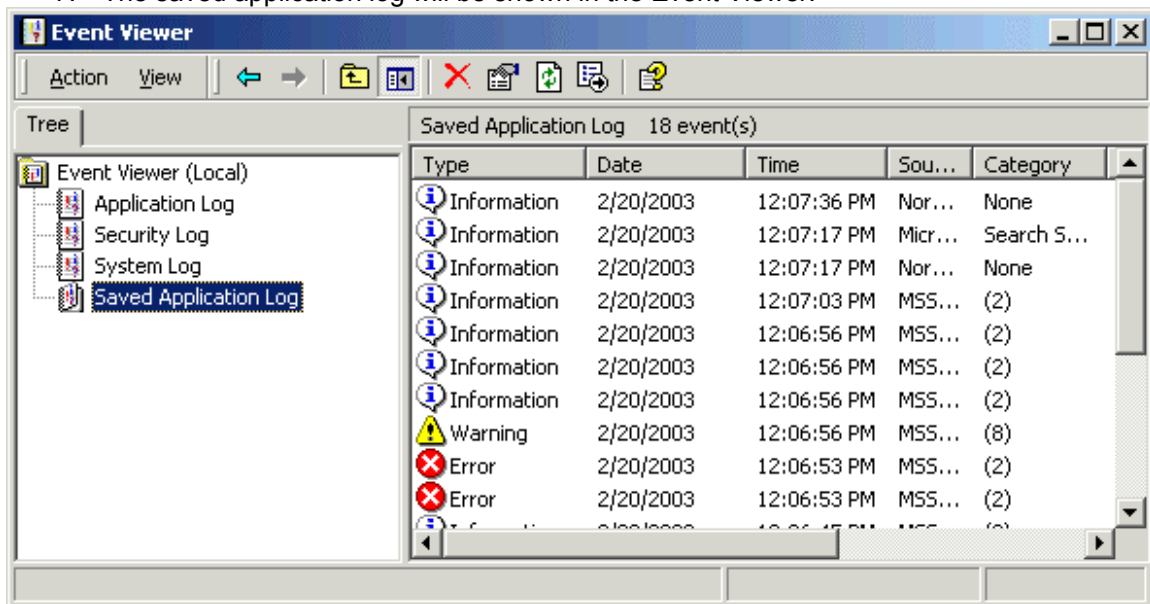
You can run this file by double clicking to daily backup and clear the application event log.

Viewing Saved Application Event Log

4. Launch Event Viewer from **Start → Programs → Administrative Tools → Event Viewer**.
5. Click **Action** from the toolbar → click **Open Log File** to browse the saved log file.
6. In the open dialog box, select your desired saved application log file and specify the log type (application).



7. The saved application log will be shown in the Event Viewer.



Note: This exercise is fully confirmed and tested on Microsoft Windows 2000. If you are facing a problem, or want to get more information about it, discuss it in our forum under the proper category.