

使用Cisco Video Surveillance Manager上的 Workstation Profiler Tool解決客戶端問題

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簡介

本文說明如何使用工作站探查器工具診斷Cisco Video Surveillance Manager(VSM)上的客戶端工作站問題

必要條件

需求

本文件沒有特定需求。

採用元件

本檔案中的資訊是根據Cisco Video Surveillance Media Server 7.x。

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路正在作用，請確保您已瞭解任何指令可能造成的影響。

使用工作站分析器工具收集所需的日誌檔案

工作站探查器工具用於診斷由於用於監控VSM上監視器影片的工作站上的問題而引起的問題

本文檔介紹在以下8個步驟中使用工具的過程。

- 從cisco.com下載並安裝該工具
- 從cisco.com下載所需的剪輯
- 啟動工作站分析器工具
- 運行Profiler工具
- 儲存輸出
- 將下載的剪輯拖放到Profiler資料夾中
- 再次運行Profiler工具
- 儲存輸出

從cisco.com下載並安裝該工具

對於所有VSM版本7.x安裝工具，該工具位於7.0.1下

導航至cisco.com上的Video Surveillance Manager download 連結，轉到7.0.1版並下載適用於VSM 7.0的Cisco Video Surveillance Workstation Profiler Tool

Video Surveillance Manager

Search... [Expand All](#) | [Collapse All](#) [Release Notes for 7.0.1](#) [Add Device](#) [Add Notification](#)

File Information	Release Date	Size	
Cisco_VSM_Profiler_7.0_H264HD_clips.zip			Add to cart
H.264 Standard Definition clips for Cisco Video Surveillance Workstation Profile Tool for VSM 7.0	12-APR-2013	47.13 MB	Download
Cisco_VSM_Profiler_7.0_H264_clips.zip			Add to cart
JPEG Standard Definition clips for Cisco Video Surveillance Workstation Profile Tool for VSM 7.0	12-APR-2013	1198.00 MB	Download
Cisco_VSM_Profiler_7.0_JPEG_clips.zip			Add to cart
MPEG4 Standard Definition clips for Cisco Video Surveillance Workstation Profile Tool for VSM 7.0	12-APR-2013	241.67 MB	Download
Cisco_VSM_Profiler_7.0_MPEG4_clips.zip			Add to cart
Cisco Video Surveillance Workstation Profiler Tool for VSM 7.0 Cisco_VSM_Profiler_Tool-7.0.110.zip	12-APR-2013	5.48 MB	Download
			Add to cart
Cisco Video Surveillance Manager Server bash Shellshock update for RHEL5 servers	08-OCT-2014	1.77 MB	Download
Cisco_VSM_Server-bash_shellshock-rhel5.zip			Add to cart

從cisco.com下載所需的剪輯

使用同一連結下載所需型別的剪輯

要下載的剪輯型別取決於VSM上監視器模板上的影片編解碼器設定

Video Surveillance Manager

Search... Expand All | Collapse All Release Notes for 7.0.1 Add Device Add Notification

Release 7.0.1

File Information	Release Date	Size	
Related Software			
H.264 High Definition clips for Cisco Video Surveillance Workstation Profile Tool for VSM 7.0	12-APR-2013	175.98 MB	Download Add to cart
Cisco_VSM_Profiler_7.0_H264HD_clips.zip			
H.264 Standard Definition clips for Cisco Video Surveillance Workstation Profile Tool for VSM 7.0	12-APR-2013	47.13 MB	Download Add to cart
Cisco_VSM_Profiler_7.0_H264_clips.zip			
JPEG Standard Definition clips for Cisco Video Surveillance Workstation Profile Tool for VSM 7.0	12-APR-2013	1198.00 MB	Download Add to cart
Cisco_VSM_Profiler_7.0_JPEG_clips.zip			
MPEG4 Standard Definition clips for Cisco Video Surveillance Workstation Profile Tool for VSM 7.0	12-APR-2013	241.67 MB	Download Add to cart
Cisco_VSM_Profiler_7.0_MPEG4_clips.zip			
Cisco Video Surveillance Workstation Profile Tool for VSM 7.0	12-APR-2013	5.48 MB	Download Add to cart
Cisco_VSM_Profiler_Tool-7.0.110.zip			
Cisco Video Surveillance Manager Server bash Shellshock update for RHEL 5 s...	08-OCT-2014	1.77 MB	Download

啟動工作站分析器工具

開啟已匯出的資料夾，然後按兩下ProfilerTool將其啟動

Name	Date modified	Type	Size
en-US	3/21/2013 12:42 PM	File folder	
Profiles	4/9/2013 10:34 AM	File folder	
ru-RU	3/21/2013 12:42 PM	File folder	
COMDLG32.dll	2/25/2013 7:29 PM	Application extens...	582 KB
d3d9.dll	2/25/2013 7:29 PM	Application extens...	1,784 KB
d3dx9_33.dll	2/25/2013 7:29 PM	Application extens...	3,414 KB
DecodeServer	2/25/2013 7:29 PM	Application	244 KB
DecodeServerPS.dll	2/25/2013 7:29 PM	Application extens...	39 KB
DINPUT8.dll	2/25/2013 7:29 PM	Application extens...	191 KB
GUISettingsMgr	2/25/2013 7:29 PM	Application	117 KB
mc_dec_avc.dll	2/25/2013 7:29 PM	Application extens...	2,314 KB
mc_dec_mp4v.dll	2/25/2013 7:29 PM	Application extens...	1,990 KB
MPCClientXMLAx.dll	2/25/2013 7:29 PM	Application extens...	280 KB
picn20.dll	2/25/2013 7:29 PM	Application extens...	63 KB
picn1120.dll	2/25/2013 7:29 PM	Application extens...	184 KB
ProfilerTool	2/25/2013 7:29 PM	Application	250 KB
psapi.dll	2/25/2013 7:29 PM	Application extens...	6 KB
Resource.dll	2/25/2013 7:29 PM	Application extens...	145 KB
rpctr4.dll	2/25/2013 7:29 PM	Application extens...	647 KB
vsmc70Rt.dll	2/25/2013 7:29 PM	Application extens...	2,890 KB
winhttp.dll	2/25/2013 7:29 PM	Application extens...	341 KB

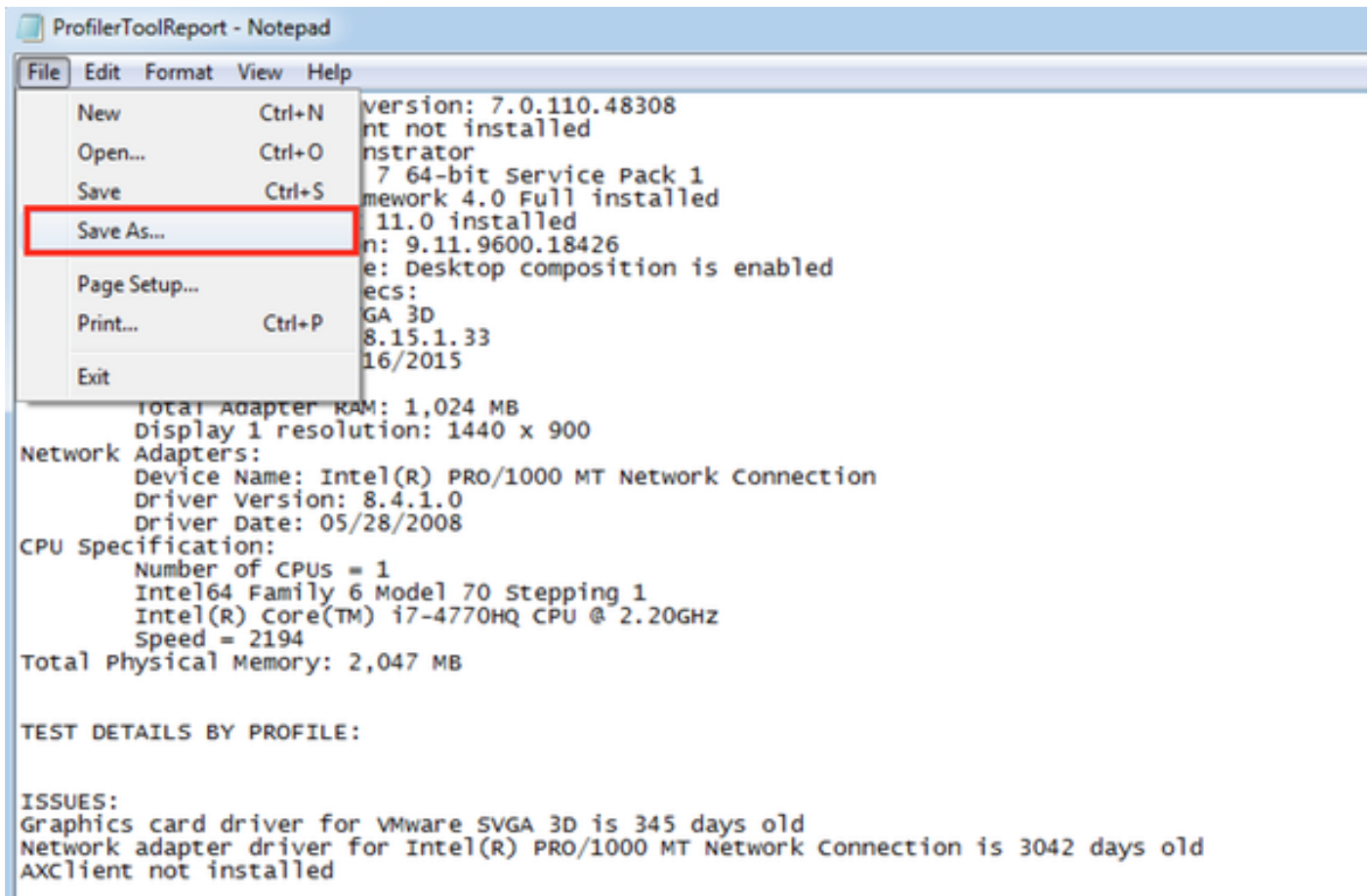
運行Profiler工具

按一下「工具」->「啟動效能分析器」以運行Profiler工具



儲存輸出

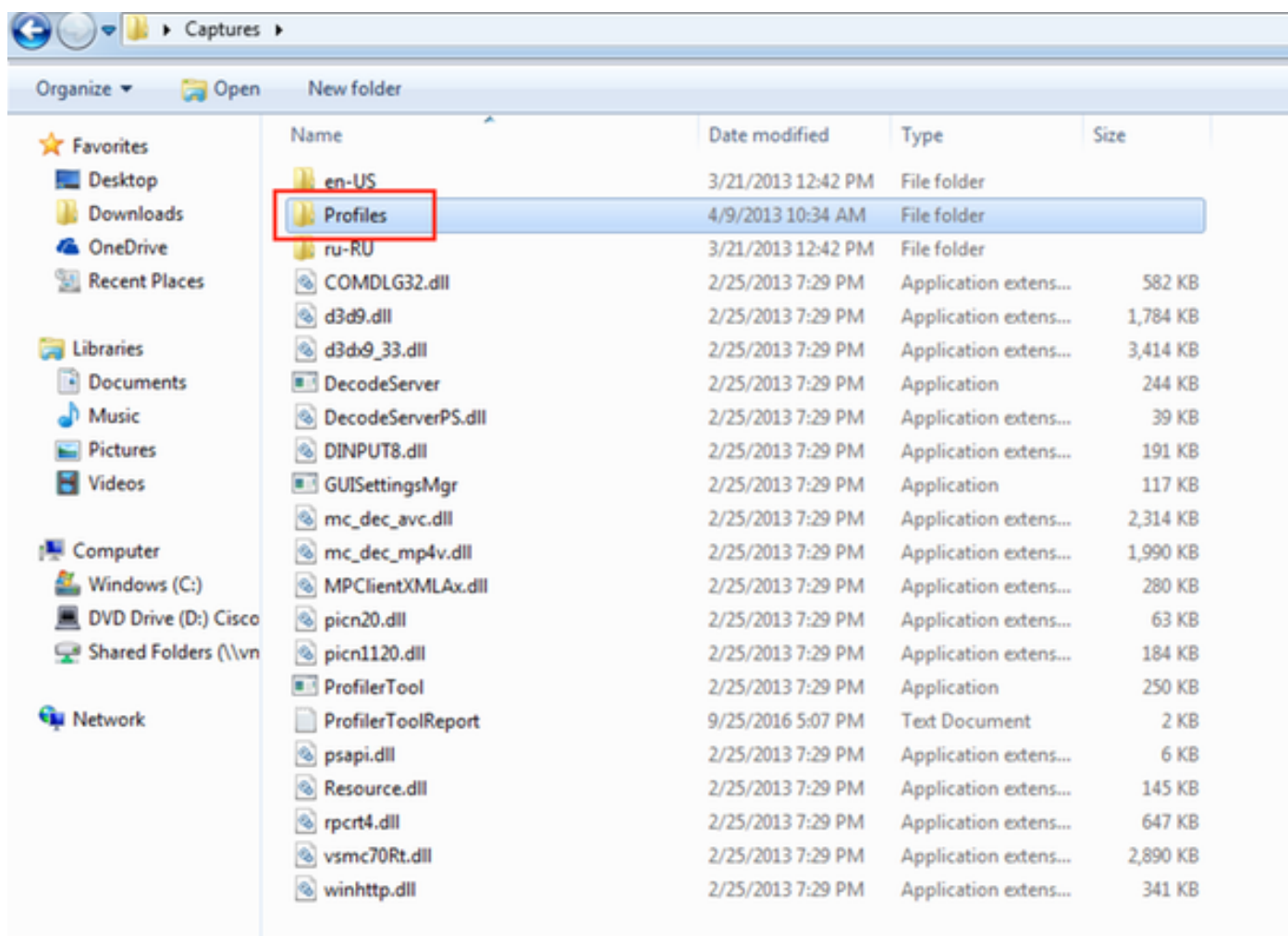
將文本檔案儲存在電腦上的所需位置



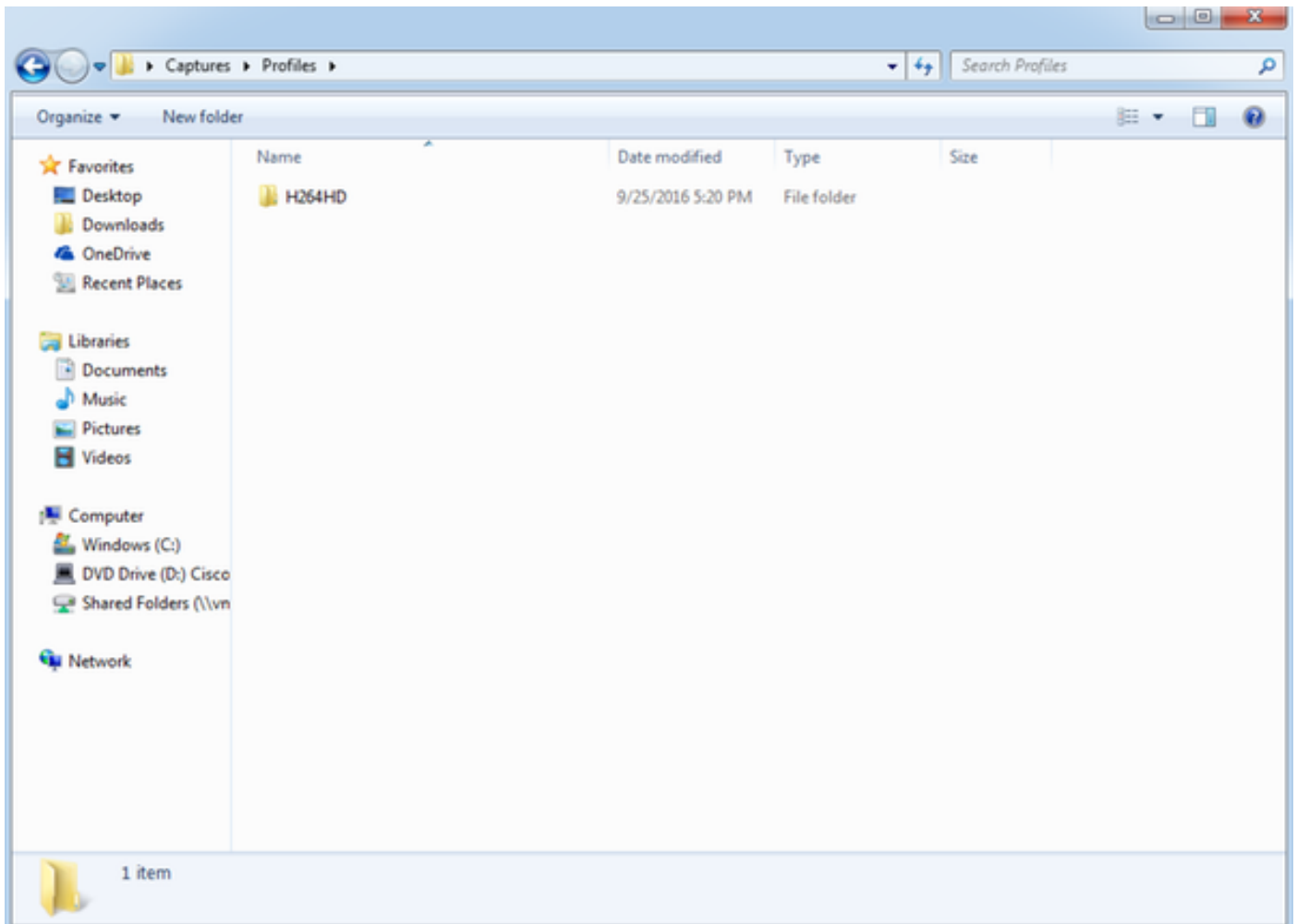
完成此操作後，我們將再次運行Profiler工具，並將影片剪輯放在Profiler資料夾中

將剪輯放入Profiler資料夾

將下載和提取的影片剪輯放在Profiler資料夾中



Profiles資料夾中的H264HD剪輯示例



運行Profiler工具

按上述步驟再次啟動Profiler工具，然後運行影片佈局 — 1*1、2*2、3*3和4*4

示例2*2佈局



儲存輸出

按一下「檔案」(File)->「另存為」(Save As)並儲存輸出檔案

```
ProfilerToolReport - Notepad
File Edit Format View Help
New Ctrl+N version: 7.0.110.48308
Open... Ctrl+O nt not installed
Save Ctrl+S nstrator
Save As... 7 64-bit Service Pack 1
Page Setup... network 4.0 Full installed
Print... Ctrl+P n: 11.0 installed
Exit e: Desktop composition is enabled
ecs:
GA 3D
8.15.1.33
16/2015
Total Adapter RAM: 1,024 MB
Display 1 resolution: 1440 x 900
Network Adapters:
Device Name: Intel(R) PRO/1000 MT Network Connection
Driver Version: 8.4.1.0
Driver Date: 05/28/2008
CPU Specification:
Number of CPUs = 1
Intel64 Family 6 Model 70 Stepping 1
Intel(R) Core(TM) i7-4770HQ CPU @ 2.20GHz
Speed = 2194
Total Physical Memory: 2,047 MB

TEST DETAILS BY PROFILE:
Profile Name: H264_HD_30fps_1x1.cva
Codec Type: H264HD
Layout Type: 1x1
Number Of Panes: 1
pane 0: 29.92 fps
CPU (avg, max): 31.57% 37.63%
Maximum Memory Used: 99752 KB

Profile Name: H264_HD_30fps_2x2.cva
Codec Type: H264HD
Layout Type: 2x2
Number Of Panes: 4
pane 0: 19.35 fps
pane 1: 19.38 fps
pane 2: 19.70 fps
pane 3: 19.77 fps
CPU (avg, max): 61.62% 95.67%
Maximum Memory Used: 291324 KB
```

相關資訊

如果日誌是思科TAC工程師請求的，可以使用以下文檔中概述的方法之一將其上傳到TAC案例

<http://www.cisco.com/c/en/us/about/security-center/tac-customer-file-uploads.html>