

IP DIRECTOR APPLICATION NOTE Web Toolkit

date/version

Corporate

Headquarters +32 4 361 7000 North & Latin America Headquarters +1 947 575 7811 Asia & Pacific Headquarters +852 2914 2501 Other regional offices Available at www.evs.com/contact

EV5

TABLE OF CONTENTS

TABLE OF CONTENTS	2
INTRODUCTION	3
[IP] DIRECTOR WEB TOOLKIT INSTALL	4
WEB TOOLKIT SCREENSHOTS	5
CONFIG SCREEN	5
STARTUP SCREEN	5
PING PAGE	6
STORAGE PAGE	6
IP DRIVES	6
XML QUEUES PAGE	7
USER STATS PAGE	7
XT STATS PAGE	7
TRANSFER MONITORING STATS PAGE	8
FLOATING LICENSES	8
APIOBSERVERS.ASP	9
LONGLOCKS.ASP	9



INTRODUCTION

This document describes the important points to take into account when configuring an IP-Director Nearline.

Author Sebastien MAINDIAUX

File name Application_Note_Web_Toolkit_6.0.docx

10-avr.-13

Page 3 of 10



[IP] DIRECTOR WEB TOOLKIT INSTALL

This is the procedure to install the IP Director Web Toolkit :

- > Take the Install_WEB_Toolkit_6.00.01.exe from the release sources
- > Execute the EXE on a windows XP or a Windows 2003.
- > Once the toolkit is installed you can reach it with a browser on the URL : http://MachineName/IPDirector

The station where you install the Web Toolkit must be configured with Jumbo Frames in ordre to have relevant information in the PING page

The toolkit install will ask you the Windows installation source files. Make sure you have them on the station or on a CD-Rom. A c:\i386 folder should be available on your station.



WEB TOOLKIT SCREENSHOTS

CONFIG SCREEN



The configuration is saved in the file : c:\inetpub/wwwroot/IPD_Web_Config.txt

STARTUP SCREEN



Author Sebastien MAINDIAUX

File name Application_Note_Web_Toolkit_6.0.docx



PING PAGE



The page "pings" the XTs, the targets and the nearline with jumbo frame packets. This is an example of a station without jumbo frame connection

STORAGE PAGE

@http://10.11.11.178/IPdirector/					0	••⊠•⊡⊛•e	lage • Sécurité •	Qutils - 🔞 - 👌 »
EVA	-	[IP] Di	rect	or \	Web	Toolkit		
		PING Stor	age	XML	Queues	<u>User Stats</u>	XT Stats	Tx Stats
		Storage free space						
	Name	UNC	Free	Highor	Log IMb			
	54930A on Xfile54930 (F:)	\\10.11.11.178\F on Xfile54930\	413 GB	08h23	313h24			
	54930B on Xfile54930 (G:)	\\10.11.11.178\G on Xfile54930\	698 GB		529h48			
		\vpdirector60130\shared\	11 GB	00h13	08h16			
	FCPTarget	\\Xfile54930\xf target\	18 GB	00h22	13h48			
	HiLo XF Near Line	\\xfile54930\XF HiLo NL\	18 GB	00h22	13h48			
	SMI_XF_HiLo	\\Xfile54930\xf nearline\	18 GB	00h22	13h48			
	XF HiLo	\vdfile54930\XF HiLo NL\	18 GB	00h22	13h48			
	XF Near Line	\\Xfile54930\xf nearline\	18 GB	00h22	13h48			
	XF nearline	\\xfile54930\xf nearline\	18 GB	00h22	13h48			
	XF Target	\\Xfile54930\xf target\		00h22	13h48			

The page shows the remaining space on the nearlines and the online IP-Drives. It also give an estimate remaining time for HD files or Lores files (HD : 100Mb/s - LoRes : 1 Mb/s)

IP DRIVES



The page shows the status of all IP Drives detected by IP Director even if they are offline. It also give the remaining space and an estimate remaining time for HD files or Lores files (HD : 100Mb/s – LoRes : 1 Mb/s)

Author Sebastien MAINDIAUX

10-avr.-13

File name Application_Note_Web_Toolkit_6.0.docx

Page 6 of 10

XML QUEUES PAGE



The page shows the number of files detected in the Jobs_Incoming folders in every XML_Unit, the files detected in the export logs folders and in the folders used by the IP Scheduler.

USER STATS PAGE



This page gives a count of clips owned by the users.

XT STATS PAGE



The page shows the number of clips detected on each XT/XS server and by network.

Author Sebastien MAINDIAUX

File name Application_Note_Web_Toolkit_6.0.docx

TRANSFER MONITORING STATS PAGE



The page gives an idea of the transfers statistics based on the transfer monitoring and the available clips. The stats are generated by groups, targets, transfer type and day.

These stats don't include transfer asked for clips that were deleted from the system.

FLOATING LICENSES

EVS

IP Director Flo	ating L	icer	nses
Module Name	Mod ule id	Tota İ	Used
IP Browse	90	10	0
IP Browse Web	91	10	0
IP Clip Logger	100	10	0
4/10/2013	4:24:52	эм	

The page shows the number of floating licenses available in the workgroup and how many of them are already used by application

File name Application_Note_Web_Toolkit_6.0.docx



OTHER PAGES INSTALLED BY THE WEB TOOLKIT APIOBSERVERS.ASP

http://ipdirectorname/ipdirector/apiobservers.asp

This page lists the API client registered to receive API notification

API O	bserver list	
OB	SERVER LIST	
Observer	Token	Notification Queue
Total :14	Token	Total :0
http://10.11.11.239/Listeners/IPDirector	{0D66B14F-7DE3-4254-B23B-F06D9ED9A171}	
http://10.11.12.72:30677/soap/INotificationObserver	{D25AE3C3-9CA8-4317-A043-AACD93E688B5}	
10/2	26/2012 10:25:18 AM	

It shows :

- > The URL where the notification are sent
- > The user token used in the subscription
- > The number of notification that were NOT sent to the observer (notification in the queue)
- > It doesn't show the notification type the client is subscribed to.

LONGLOCKS.ASP

http://ipdirectorname/ipdirector/longlocks.asp

The page shows SQL connections blocked for more than 10 seconds by another connection.

It shows the "Blocked" connections and the "Blocking" connection. This blocking issue could explain misbehaviours in IP Director.

	Т	ypical outp	out when no blo	ocking connectio	n have been detected					
Long Locks list										
BLOCKED PROCESSES SPID Blocked By Wait time Wait Type hostname program name hostprocess										
10/26/2012 10:28:34 AM										
Typical output when a blocking connection is detected										
Long Locks list										
BLOCKED PROCESSES										
SPID	Blocked By	Wait time	Wait Type	hostname	program name	hostprocess				
115	108	30 sec	LCK_M_U	IPDIRECTOR74000	SynchroDBService	8080				
155	108	18 sec	LCK_M_U	IPDIRECTOR58450	SynchroDBService	2404				
BLOCKING PROCESSES										
SPID	Blocked By	Wait time	Wait Type	hostname	program name	hostprocess				
108	0	0	MISCELLANEOUS	IPDIRECTOR58450	Microsoft SQL Server Management Studio Express - Query	1724				

The page also records important information in c:\evslogs\ASP_LongLocks.log

 Author
 Sebastien MAINDIAUX
 10-avr.-13

 File name
 Application_Note_Web_Toolkit_6.0.docx
 Page 9 of 10



IP DIRECTOR APPLICATION NOTE WEB TOOLKIT

Author Sebastien MAINDIAUX

File name Application_Note_Web_Toolkit_6.0.docx

10-avr.-13

Page 10 of 10