

# Quick Note 24

# Extracting the debug.txt file from a TransPort

Digi Technical Support

February 2016

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#### **1** INTRODUCTION

The debug.txt output is particularly useful because it collates technical and configuration information about the router in a single file or output stream. Digi technical support will frequently request this file/output to aid in troubleshooting.

If the debug.txt file is not present, then it will not be possible to extract the file; the TransPort firmware may need to be updated.

This guide details the different methods and steps involved in extracting the debug.txt file from a TransPort.

The HTTP (web interface) method is generally recommended, as it only requires a web browser. In case the TransPort's web interface is inaccessible, alternative methods, such as FTP and Telnet, are offered.

**NOTE**: Local Ethernet IP addresses are used in these examples. Depending on the TransPort's configuration, the mobile IP address can also be used.

## 2 VERSION

Version Number	Status
1.0	Published
2.0	Updated and rebranded
2.1	Updated screenshots and instructions for new web interface, added PuTTY example, rebranding (Feb 2016)

## 3 FTP METHOD

#### 3.1 FTP Using FileZilla FTP Client

Make an FTP connection to the TransPort and "drag" the debug.txt file to the PC's hard drive.

🔁 10.1.208.1 - username@10.1.208.1 - FileZilla									
File Edit View Transfer Server Bookmarks Help									
₩ - ◎ • • • • • • • • • • • • • • • • • •									
Host:	Username:	Pa	issword:	Port:	Quickcon	nect 👻			
Response: Response: Status:	Response: 150 Opening data connection for LIST Response: 226 File sent OK Status: Directory listing successful								
Local site: C:\Users\	Local site: C:\Users\plord\Desktop\Desktop\  Remote site: /  R								
Filename	Filesize Filetype	Las 🔺	Filename	A	Filesize	Filetype	Last modifi	Permissi	Owner/( 🔺
<b>.</b>		=	CAcert.cer		1,371	Security	21/01/2011	-rwxrwxr	ftpuser 1
👢 Antennas	File folder	27/	cert01.pem		3,285	PEM File	21/01/2011	-rwxrwxr	ftpuser 🗉
👢 Anti_RMA	File folder	27/	📄 config.da0		8,631	DA0 File	26/01/2011	-rwxrwxr	ftpuser 1
👢 ASA_GOAL	File folder	27/	config.fac		8,449	FAC File	21/01/2011	-r-xr-xr-x	ftpuser f
👢 configs	File folder	27/	📄 debug.txt		1,000,000	Text Doc	26/01/2011	-r-xr-xr-x	ftpuser
👢 Copy (2) of	File folder	27/	direct		101,376	File	21/01/2011	-r-xr-xr-x	ftpuser f
👢 Copy (2) of	File folder	05/	eventlog.txt		35,801	Text Doc	26/01/2011	-r-xr-xr-x	ftpuser f
👢 Copy (2) of	File folder	27/ 👻	evstat.htm		52,500	Firefox	26/01/2011	-r-xr-xr-x	ftpuser i 👻
•	11	•	•		11	1			•
139 files and 27 dire	ectories. Total size: 148,5	83,354 b	Selected 1 file. T	otal size: 1,000	,000 bytes				
Server/Local file	Direc Remot	e file		Size Priority	Status				
Queued files Faile	ed transfers Successful t	ransfers							
								Queue: emp	pty 🔹 🖷

#### 3.2 FTP using Firefox web browser

Make an FTP connection by typing the IP address of the TransPort prefixed with "ftp://", for example, <u>ftp://192.168.1.1</u> (the default Ethernet IP address is used here)

Authenticati	Authentication Required								
?	Enter username and password for ftp://192.168.1.1								
User Name:									
Password:									
	OK Cancel								

Enter the login details for the TransPort and click "OK".

📄 fwlog.txt 📊		3 KB	1/1/2016	1:07:00 AM
evstat.txt	Open Link in New <u>T</u> ab	10 KB	1/1/2016	1:07:00 AM
🌋 evstat.js	Open Link in New <u>W</u> indow	52 KB	1/1/2016	1:07:00 AM
🚹 privpy.zip	Open Link in New Private Window	61 KB	1/1/2016	1:07:00 AM
eventlog.t	Bookmark This Link	38 KB	1/1/2016	1:07:00 AM
statbin.en	Save Link As	59 KB	1/1/2016	1:07:00 AM
📄 ana.txt	Copy Link Location	977 KB	1/1/2016	1:07:00 AM
anaeth.ca	Copy Link Location	977 KB	1/1/2016	1:07:00 AM
anappp.ca	Search rando for Pile: debug.txt	977 KB	1/1/2016	1:07:00 AM
anaip.cap	Inspect Element (Q)	977 KB	1/1/2016	1:07:00 AM
🗋 debug.txt		977 KB	1/1/2016	1:07:00 AM
wr11-U.mit	ь	977 KB	1/1/2016	1:07:00 AM

Right click the "debug.txt" file, click "Save Link As", and then save the file somewhere convenient.

#### 3.3 FTP Using Internet Explorer web browser

Make an FTP connection by typing the IP address of the TransPort prefixed with "ftp://", for example, <u>ftp://192.168.1.1</u> (the default Ethernet IP address is used here)

Internet	Explorer		×
?	To log on to this	s FTP server, type a user name and password.	
	FTP server:	192.168.1.1	
	<u>U</u> ser name:	1	
	Password:		
	After you log or	n, you can add this server to your Favorites and return to it easily.	
	Log on <u>a</u> nor	iymously	
		Log on Cancel	

Enter the login details for the TransPort and click "Log on".

🗧 FTP root at 192.168.1.1 - Windows Internet Explorer		
S < S < ftp://192.168.1.1/	▶ 🕞 🔄 🎸 🗙 🏉 FTP root at 192.168.1.1	×

#### FTP root at 192.168.1.1

To view this FTP site in Windows Explorer: press Alt, click View, and then click Open FTP Site in Windows Explorer.

02/01/2016	01:01AM	Directory	user	
01/01/2016	12:00AM	101,280	direct	
02/19/2016	12:00AM	262,144	sbios	
01/01/2016	12:00AM	101,280	mirror	
02/16/2016	12:00AM	4,149,429	image	
02/16/2016	12:00AM	4,149,429	image4	
11/06/2013	12:00AM	1,371	CAcert.cer	
01/01/2016	12:11AM	1,680	<pre>sregs.fac</pre>	
02/16/2016	12:00AM	1,451,588	wr11.web	
02/16/2016	12:00AM	21,425	logcodes.t	xt
02/16/2016	12:00AM	26,114	manual.sb	
02/16/2016	12:00AM	32,636	activate.s	<u>b</u>
02/16/2016	12:00AM	30,569	prlupdate.	sb
02/16/2016	12:00AM	19,226	provision.	sb
02/16/2016	12:00AM	24,751	gobiact.sb	
01/01/2016	12:07AM	1,680	x3prof	
01/01/2016	12:07AM	1,680	<pre>sregs.dat</pre>	
02/16/2016	12:00AM	7,460	pppfcs.sb	
02/16/2016	12:00AM	10,282	queryimsi.	<u>sb</u>
02/16/2016	12:00AM	1,736,922	python.zip	
02/16/2016	12:00AM	382,832	wizards.zi	p
02/16/2016	12:00AM	61,524	privpy.enc	
02/19/2016	12:00AM	1,371	cert01.pem	<u>l</u>
02/16/2016	12:00AM	1,679	privrsa.pe	m
01/01/2016	12:07AM	762	<u>fw.txt</u>	
01/01/2016 02/16/2016	12:07AM 12:00AM	762 14,071	fw.txt config.fa	Open
01/01/2016 02/16/2016 02/16/2016	12:07AM 12:00AM 12:00AM	762 14,071 762	<u>fw.txt</u> config.fa <u>fw.fac</u>	Open Open in new tab
01/01/2016 02/16/2016 02/16/2016 02/19/2016	12:07AM 12:00AM 12:00AM 12:00AM	762 14,071 762 131,072	<u>fw.txt</u> <u>config.fa</u> <u>fw.fac</u> <u>templog.c</u>	Open Open in new tab Open in new window
01/01/2016 02/16/2016 02/16/2016 02/19/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:00AM 12:02AM	762 14,071 762 131,072 228	<u>fw.txt</u> <u>config.fa</u> <u>fw.fac</u> <u>templog.c</u> <u>svcids</u>	Open Open in new tab Open in new window Save target as
01/01/2016 02/16/2016 02/16/2016 02/19/2016 01/01/2016 02/19/2016	12:07AM 12:00AM 12:00AM 12:00AM 12:02AM 12:00AM	762 14,071 762 131,072 228 906	fw.txt config.fa fw.fac templog.c svcids privSSH.p	Open Open in new tab Open in new window Save target as Print target
01/01/2016 02/16/2016 02/19/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:02AM 12:02AM 12:00AM 12:06AM	762 14,071 762 131,072 228 906 149	fw.txt config.fa fw.fac templog.c svcids privSSH.p pwds.da0	Open Open in new tab Open in new window Save target as Print target
01/01/2016 02/16/2016 02/19/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:02AM 12:02AM 12:00AM 12:06AM 12:06AM	762 14,071 762 131,072 228 906 149 14,064	<u>fw.txt</u> <u>config.fa</u> <u>fw.fac</u> <u>templog.c</u> <u>svcids</u> <u>privSSH.p</u> <u>pwds.da0</u> <u>config.da</u>	Open Open in new tab Open in new window Save target as Print target Cut
01/01/2016 02/16/2016 02/19/2016 02/19/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:00AM 12:02AM 12:06AM 12:06AM 12:07AM 12:46AM	762 14,071 762 131,072 228 906 149 14,064 1,800	<u>fw.txt</u> <u>config.fa</u> <u>fw.fac</u> <u>templog.c</u> <u>svcids</u> <u>privSSH.p</u> <u>pwds.da0</u> <u>config.da</u> <u>fwstat.tx</u> <u>fwstat.tx</u>	Open Open in new tab Open in new window Save target as Print target Cut Copy
01/01/2016 02/16/2016 02/19/2016 02/19/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:02AM 12:02AM 12:06AM 12:06AM 12:07AM 12:46AM 12:46AM	762 14,071 762 131,072 228 906 149 14,064 1,800 10,500	<u>fw.txt</u> <u>config.fa</u> <u>fw.fac</u> <u>templog.c</u> <u>svcids</u> <u>privSSH.p</u> <u>pwds.da0</u> <u>config.da</u> <u>fwstat.tx</u> <u>fwstat.ht</u> : <u>fwstat.ht</u> :	Open Open in new tab Open in new window Save target as Print target Cut Copy Copy shortcut
01/01/2016 02/16/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:02AM 12:02AM 12:06AM 12:06AM 12:07AM 12:46AM 12:46AM 12:46AM	762 14,071 762 131,072 228 906 149 14,064 1,800 10,500 10,500 2,100	<u>fw.txt</u> config.fa <u>fw.fac</u> <u>templog.c</u> <u>svcids</u> privSSH.p <u>pwds.da0</u> <u>config.da</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>fwstat.ht</u> ; <u>fwlcs.ht</u> ;	Open Open in new tab Open in new window Save target as Print target Cut Copy Copy shortcut Paste
01/01/2016 02/16/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:02AM 12:02AM 12:06AM 12:06AM 12:46AM 12:46AM 12:46AM 12:46AM	762 14,071 762 131,072 228 906 149 14,064 1,800 10,500 10,500 2,100	<u>fw.txt</u> <u>config.fa</u> <u>fw.fac</u> <u>templog.c</u> <u>svcids</u> <u>privSSH.p</u> <u>pwds.da0</u> <u>config.da</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>fwrules.h</u> <u>fwlog.txt</u>	Open Open in new tab Open in new window Save target as Print target Cut Copy Copy shortcut Paste
01/01/2016 02/16/2016 02/19/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:02AM 12:02AM 12:06AM 12:06AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM	762 14,071 762 131,072 228 906 149 14,064 1,800 10,500 10,500 2,100 10,200	<u>fw.txt</u> <u>config.fa</u> <u>fw.fac</u> <u>templog.c</u> <u>svcids</u> privSSH.p pwds.da0 <u>config.da</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>fwlog.txt</u> <u>evstat.tx</u> <u>svstat.tx</u>	Open Open in new tab Open in new window Save target as Print target Cut Copy Copy shortcut Paste Cermail with Windows Live
01/01/2016 02/16/2016 02/19/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:02AM 12:02AM 12:06AM 12:06AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM	762 14,071 762 131,072 228 906 149 14,064 1,800 10,500 2,100 10,200 52,500 61,489	<u>fw.txt</u> <u>config.fa</u> <u>fw.fac</u> <u>templog.c</u> <u>svcids</u> <u>privSSH.p</u> <u>pwds.da0</u> <u>config.da</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>fwrules.h</u> <u>fwlog.txt</u> <u>evstat.js</u> <u>privv.zi</u>	Open Open in new tab Open in new window Save target as Print target Cut Copy Copy shortcut Paste E-mail with Windows Live at Translate with Bing
01/01/2016 02/16/2016 02/19/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:00AM 12:00AM 12:06AM 12:06AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM	762 14,071 762 131,072 228 906 149 14,064 1,800 10,500 2,100 10,200 52,500 61,489 38.001	<u>fw.txt</u> <u>config.fa</u> <u>fw.fac</u> <u>templog.c</u> <u>svcids</u> <u>privSSH.p</u> <u>pwds.da0</u> <u>config.da</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>fwrules.h</u> <u>fwlog.txt</u> <u>evstat.js</u> <u>privpy.zi</u> <u>eventlog</u> .	Open Open in new tab Open in new window Save target as Print target Cut Copy Copy shortcut Paste E-mail with Windows Live Translate with Bing All Accelerators
01/01/2016 02/16/2016 02/19/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:02AM 12:02AM 12:06AM 12:06AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM	762 14,071 762 131,072 228 906 149 14,064 1,800 10,500 2,100 10,200 52,500 61,489 38,001 60,000	<pre>fw.txt config.fa fw.fac templog.c svcids privSSH.p pwds.da0 config.da fwstat.tx fwstat.ht: fwrules.h fwlog.txt evstat.js privpy.zi eventlog. statbin.e</pre>	Open Open in new tab Open in new window Save target as Print target Cut Copy Copy shortcut Paste E-mail with Windows Live Translate with Bing All Accelerators
01/01/2016 02/16/2016 02/19/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:02AM 12:02AM 12:00AM 12:00AM 12:07AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM	762 14,071 762 131,072 228 906 149 14,064 1,800 10,500 2,100 10,200 52,500 61,489 38,001 60,000 1,000,000	<u>fw.txt</u> <u>config.fa</u> <u>fw.fac</u> <u>templog.c</u> <u>svcids</u> <u>priv5SH.p</u> <u>pwds.da0</u> <u>config.da</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>fwstat.tx</u> <u>evstat.js</u> <u>privpy.zi</u> <u>eventlog</u> . <u>statbin.e</u> <u>ana.txt</u>	Open Open in new tab Open in new window Save target as Print target Cut Copy Copy shortcut Paste E-mail with Windows Live Translate with Bing All Accelerators Add to favorites
01/01/2016 02/16/2016 02/19/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:02AM 12:02AM 12:00AM 12:07AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM	762 14,071 762 131,072 228 906 149 14,064 1,800 10,500 2,100 10,200 52,500 61,489 38,001 60,000 1,000,000	<pre>fw.txt config.fa fw.fac templog.c svcids privSSH.p pwds.da0 config.da fwstat.tx fwstat.tx fwstat.ht: fwrules.h fwlog.txt evstat.js privpy.zi eventlog. statbin.e ana.txt anaeth.ca</pre>	Open         Open in new tab         Open in new window         Save target as         Print target         Cut         Copy         Copy shortcut         Paste         Image: Translate with Bing         All Accelerators         Add to favorites
01/01/2016 02/16/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:02AM 12:02AM 12:06AM 12:06AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM	762 14,071 762 131,072 228 906 149 14,064 1,800 10,500 2,100 10,200 52,500 61,489 38,001 60,000 1,000,000 1,000,000	<pre>fw.txt config.fa fw.fac templog.c svcids privSSH.p pwds.da0 config.da fwstat.tx fwstat.tx fwstat.tx fwrules.h fwlog.txt evstat.js privpy.zi eventlog. statbin.e ana.txt anaeth.ca anappp.ca</pre>	Open         Open in new tab         Open in new window         Save target as         Print target         Cut         Copy         Copy shortcut         Paste         E-mail with Windows Live         Translate with Bing         All Accelerators         Add to favorites         Send to OneNote
01/01/2016 02/16/2016 02/19/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:02AM 12:02AM 12:06AM 12:06AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM	762 14,071 762 131,072 228 906 149 14,064 1,800 10,500 2,100 10,200 52,500 61,489 38,001 60,000 1,000,000 1,000,000 1,000,000	<pre>fw.txt config.fa fw.fac templog.c svcids privSSH.p pwds.da0 config.da fwstat.tx fwstat.tx fwstat.tx fwrules.h fwlog.txt evstat.js privpy.zi eventlog. statbin.e ana.txt anaeth.ca anapp.cap</pre>	Open         Open in new tab         Open in new window         Save target as         Print target         Cut         Copy         Copy shortcut         Paste         E-mail with Windows Live         ab         All Accelerators         Add to favorites         Send to OneNote
01/01/2016 02/16/2016 02/19/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016 01/01/2016	12:07AM 12:00AM 12:00AM 12:00AM 12:00AM 12:06AM 12:06AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM 12:46AM	762 14,071 762 131,072 228 906 149 14,064 1,800 10,500 10,500 2,100 10,200 52,500 61,489 38,001 60,000 1,000,000 1,000,000 1,000,000 1,000,000	<pre>fw.txt config.fa fw.fac templog.c svcids privSSH.p pwds.da0 config.da fwstat.tx fwstat.tx fwstat.tx fwrules.h fwlog.txt evstat.js privpy.zi eventlog. statbin.e ana.txt anaeth.ca anapp.ca anaip.cap debug.txt</pre>	Open         Open in new tab         Open in new window         Save target as         Print target         Cut         Copy         Copy shortcut         Paste         E-mail with Windows Live         as         All Accelerators         Add to favorites         Send to OneNote         Properties

Right click the "debug.txt" file, click "Save target as", and then save the file somewhere convenient.

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## 4 HTTP (WEB INTERFACE) METHOD

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### 4.1 Using Directory Listings

From the TransPort web interface, navigate to Administration - File Management > FLASH Directory

Administration - File Management > FLASH Directory

Dire	ctory	15 m c		1
ion Fil	e Name	Size	Access	Last Modified
U.S	er	<d1r></d1r>		
dir	ect	101280 bytes	r0	13:10:36, 01 Feb 201
sb	ios	262144 bytes	ro	12:35:28, 17 Feb 201
m	rror	101280 bytes	ro	13:10:36, 01 Feb 201
im	age	4774103 bytes	E.W.	09:32:14, 16 Feb 201
im	age4	4774103 bytes	EW	09:32:14, 16 Feb 201
W	44v2.web	1612529 bytes	rw	09:32:14, 16 Feb 201
lo	acodes.txt	21425 bytes	rw	09:32:16, 16 Feb 201
Ser	ags.dat	4096 bytes	E.W.	13:07:17, 29 Feb 201
Serv	agsifac	4096 bytes	ro	13:10:36, 01 Feb 201
m	anual.sb	26114 bytes	rw	09:32:16, 16 Feb 201
ac	tivate.sb	32636 bytes	E.W.	09:32:16, 16 Feb 201
CA	cert.cer	1371 bytes	EW	13:10:36, 01 Feb 20:
pr	lupdate.sb	30569 bytes	EW	09:32:16, 16 Feb 20:
pr	ovision.sb	19226 bytes	EW	09:32:16, 16 Feb 201
90	biact.sb	24751 bytes	rw	09:32:16, 16 Feb 201
PP	pfcs.sb	7460 bytes	rw	09:32:16, 16 Feb 201
qu	eryimsi.sb	10282 bytes	rw.	09:32:16, 16 Feb 201
PY	thon.zip	1736922 bytes	rw.	09:32:16, 16 Feb 201
wi	zards.zip	382832 bytes	rw.	09:32:16, 16 Feb 201
pr	ivpy.enc	61524 bytes	rw.	09:32:16, 16 Feb 201
ca	rriers.txt	144 bytes	EW.	09:32:18, 16 Feb 201
fp	gaurbf	392109 bytes	rw.	09:32:16, 16 Feb 201
fw	.txt	762 bytes	rw	13:07:16, 29 Feb 201
00	nfig.fac	16479 bytes	ro	09:32:16, 16 Feb 201
00	nfig.da0	17364 bytes	rw	13:07:15, 29 Feb 201
fw	fac	762 bytes	ro	09:32:16, 16 Feb 20
×3	prof	4096 bytes	rw.	13:07:16, 29 Feb 20
08	rt01.pem	1371 bytes	rw.	12:52:10, 29 Feb 201
pr	ivrsa.pem	1679 bytes	rw.	09:32:16, 16 Feb 201
au	Lowe	34790809 bytes	rw	09:32:18, 16 Feb 201
at	Litwu	45590 bytes	rw	09:32:18, 16 Feb 201
V.P	rizon.cwe	34777444 bytes	rw	09:32:18, 16 Feb 201
V.P	rizon.nvu	71556 bytes	rw	09:32:18, 16 Feb 201
sp	rinturvu	109299 bytes	rw	09:32:18, 16 Feb 201
CR.	nada.cwe	34710138 bytes	rw.	09:32:19, 16 Feb 20
ro	gers.nvu	18900 bytes	rw.	09:32:19, 16 Feb 20:
bei	usinvu	19687 bytes	rw.	09:32:19, 16 Feb 201
be	ILitwu	42790 bytes	rw.	09:32:19, 16 Feb 20:
00	neric.nvu	47688 bytes	rw.	09:32:19, 16 Feb 20:
ber	mplog.c1	131072 bytes	ro	12:35:51, 17 Feb 20
pr	ivSSH.pem	902 bytes	rw.	12:36:29, 17 Feb 20:
pv	ds.da0	221 bytes	rw.	13:07:15, 29 Feb 201
fw	stat.txt	1800 bytes	ro	14:07:19, 29 Feb 20
fw	stat.htm	10500 bytes	ro	14:07:19, 29 Feb 20
fw	rules.htm	10500 bytes	ro	14:07:19, 29 Feb 20
fw	log.txt	8100 bytes	ro	14:07:19, 29 Feb 20
ev	statutet	10200 bytes	ro	14:07:19, 29 Feb 20
ev	stat.js	52500 bytes	ro	14:07:19, 29 Feb 20
	ivev zie	61489 bytes	ro	14:07:19, 29 Feb 20
Dr.	entiog.txt	35001 bytes	ro	14:07:19, 29 Feb 201
pr ev			ro	14:07:19, 29 Feb 201
ev sta	tbin.enc	60000 bytes		
97 97 95 95	itbin.enc a.txt	1000000 bytes	ro	14:07:19, 29 Feb 201
ev su an ar	atbin.enc a.txt aeth.cap	1000000 bytes 1000000 bytes	r0	14:07:19, 29 Feb 201 14:07:19, 29 Feb 201
pr ev sta an an	atbin.enc a.txt aeth.cap	60000 bytes 1000000 bytes 1000000 bytes	ro ro	14:07:19, 29 Feb 20: 14:07:19, 29 Feb 20: 14:07:19, 29 Feb 20:
	atbin.enc a.txt aeth.cap appp.cap ain.can	60000 bytes 1000000 bytes 1000000 bytes 1000000 bytes	ro ro ro	14:07:19, 29 Feb 201 14:07:19, 29 Feb 201 14:07:19, 29 Feb 201 14:07:19, 29 Feb 201 14:07:19, 29 Feb 201
27 27 28 27 27 27 27 27 27 27 27 27 27 27 27 27	itbin.enc a.txt aeth.cap appp.cap aip.cap awifi.can	60000 bytes 1000000 bytes 1000000 bytes 1000000 bytes 1000000 bytes	r0 r0 r0 r0	14:07:19, 29 Feb 20: 14:07:19, 29 Feb 20:
	atbin.enc a.txt aeth.cap appp.cap aip.cap awifi.cap	60000 bytes 1000000 bytes 1000000 bytes 1000000 bytes 1000000 bytes 1000000 bytes	ro ro ro ro	14:07:19, 29 Feb 201 14:07:19, 29 Feb 201

58 Files, Flash Used: 118922719 Bytes, Flash Free: 10780672 Bytes

<u>debug.txt</u> <u>wr44v2-L</u>	Open link in new tab Open link in new window Open link in incognito wind	Open link in new tab Open link in new window Open link in incognito window		
58 Files, Flash Used	Save link as		2 Bytes	
Delete celested fil	Copy link address			
Delete selected file	Inspect	Ctrl+Shift+I		

Right click the "debug.txt" file, click "Save link as", and then save the file somewhere convenient.

**NOTE**: The Chrome web browser is used in this example. In other browsers, the menu option may be slightly different. For example, Internet Explorer says **"Save target as**".

#### 5 USING "EXECUTE A COMMAND"

From the TransPort web interface, navigate to Administration - Execute a command

#### Administration - Execute a command



Enter the following command:

*type debug.txt* 

Click the **'Execute**' button.

Wait a few seconds for the data to populate below.

Look for "[ENDCFG]" and then "OK" at the very bottom to confirm that no data is missing.

Copy and paste the data in a text editor such as Microsoft Notepad.

## **6 USING WINDOWS TELNET CLIENT**

**NOTE***:* The debug.txt file is quite large, so it may be necessary to increase the scroll back buffer in telnet to make it large enough to capture the full file.



Do this as follows:

Click on the C:\ icon and select "Properties".



	stem32\cr	md.ex	e" Properties	×
Options Font	Layout	Color	3	
Window Preview			Screen Buffer Size	,
			Width:	80 🚖
			Height:	9999 ≑
			Window Size	
			Width:	58 ≑
			Height:	7 ≑
			Window Position	
			Left:	75 🔶
			Top:	121
			Let system posi	tion window
			ОК	Cancel

Next click "Layout" and set the Screen Buffer Size Height to its maximum. Click "OK".

Next, Telnet to the TransPort's IP address.



Enter the username and password when prompted.



Once connected, issue the following command:

*type debug.txt* 



This is a small excerpt from the output, which will be a large file.



cx. Telnet 10.1.208.1			X
Welcome. Your access level is SUPER			~
ss143102>type debug.txt	Mark		
Debug Commands	Сору	Enter	
	Paste		
'ati5'	Select All		
	Scroll		
Sarian Systems. Sarian WR440-XXX-H00 Ser#:143102 Software Build Ver5162. Aug 13 2012 05:12:25 SW	Find		
ARM Sarian Bios Ver 6.75 v39 400MHz B512-M512-P80 Power Up Profile: 0			e
Async Driver Revision: 1.19 Int clk			
IX Revision: 1.0			
Ethernet Port Isolate Driver Revision: 1.11			
Firewall Revision: 1.0			
EventEdit Revision: 1.0			
Timer Module Revision: 1.1			-
CBJUSBHUSI Revision: 1.0			
			► af

To copy the file, right-click on the page and select "Mark" from the drop-down menu then starting at the bottom of the page highlight the text and hit "enter".

Select Telnet 10.1.208.1	×	
Welcome. Your access level is SUPER		
ss143102>type debug.txt	(	
Debug Commands	_	
'ati5'		
Sarian Systems. Sarian WR440-XXX-A00 Ser#:143102 HW Revision: 7902a		
Software Build Ver5162. Hug 13 2012 05:12:25 SW ARM Sarian Bios Ver 6.75 u39 400MHz B512-M512-F80-00.0 MAC:00042d022ef	e	
Power Up Profile: 0	-	
Async Driver Revision: 1.19 Int clk		
Mi-Fi Revision: 2.0		
IX Revision: 1.0		
Ethernet Port Isolate Driver Revision: 1.11		
Firewall Revision: 1.0		
Eventeart revision: 1.0		
I IMEE FIODULE REVISION: 1.1		-
		-
	•	-11

Paste the data in a text editor such as Microsoft Notepad.

## 7 USING PUTTY

PuTTY.exe is a free terminal emulator that can be used to Telnet or SSH to a TransPort to obtain the debug.txt file.

Setup PuTTY to log "all session output" and specify a location ("c:\" for example) to save the log file:

🔀 PuTTY Configuration	×
Category:	
	Options controlling session logging
□ Logging □ Terminal □ Keyboard □ Bell □ Features □ Window □ Appearance □ Behaviour □ Translation □ Selection □ Colours □ Connection □ Data □ Proxy □ Telnet □ Rlogin ① SSH □ SSH □ SSH □ Serial	Session logging:       ○       Printable output         ○       All session output       ○       SSH packets         ○       SSH packets and raw data       Log file name;       □         ○       C:\putty.log       □       □         (Log file name can contain &Y, &M, &D for date, &T for time, and &H for host name)       □       □         What to do if the log file already exists:       ○       Always overwrite it         ○       Always append to the end of it       ○         ●       Always append to the end of it       ●         ●       Flush log file frequently       □         Options specific to SSH packet logging       □       ○         ●       Omit known password fields       □       ○         ●       Omit session data       □       ○
About	<u>O</u> pen <u>C</u> ancel

Putty Configuration		×
Category: Session Logging Terminal Keyboard Bell Features Window Appearance Behaviour Translation Selection Colours Colours Connection Proxy Telnet Rlogin SSH Serial	Basic options for your PuTTY set         Specify the destination you want to connection type:         192.168.1.1         Connection type:         Raw         Telnet         Rogin         Saved Sessions	ect to Port 23 H C Serial Load Save Delete
About	<u>O</u> pen	<u>C</u> ancel

Input the IP address of the TransPort, select either Telnet or SSH, and then click "Open":

Type "type debug.txt" then hit Enter:



The "[ENDCFG]" and "OK" entries confirm that no data is missing:

🚰 192.168.1.1 - PuTTY	
user 1 name "username"	<u> </u>
user 1 access 0	
user 2 access 0	
user 3 access 0	
user 4 access 0	
user 5 access 0	
user 6 access 0	
user 7 access 0	
user 8 access 0	
user 9 access 0	
local O transaccess 2	
sslsvr 0 certfile "cert01.pem"	
sslsvr 0 keyfile "privrsa.pem"	
ssh 0 hostkey1 "privSSH.pem"	
ssh 0 nb_listen 5	
ssh 0 v1 OFF	
templog 0 mo_autooff ON	
cloud 0 ssl ON	
[ENDCFG]	
X	
ss451411>	-

PuTTY may now be closed. The resulting putty.log file should contain the debug.txt output.