Date:	Apr 29, 2015 10:41:27 PM	AT&T Application Resource Optimizer					
Trace:		2048_WFi_Online					
Application(s) Name : V							
Data Collector Version: Device Make/Model:							
OS/Platform Version:	samsung / SAMSUNG-SGH-I727 4.3.1						
Network Type(s):	4.3.1 WEI						
Profile:	AT&T 3G						
SUMMARY							
TESTSTATISTICS HTTPS data not analyzed Duration: Total Data Transferred: Energy Consumed:	7.77 minutes						
Trace Score Causes: Effects: Total:	382, (out of 500) 286, (out of 1000) 588, (out of 1000)						
TESTSCONDUCTED							
0	File Download: Text File Compression	8	Connections: Inefficient Connections - Connection Closing Problems				
Ø	File Download: Duplicate Content	②	Connections: Inefficient Connections - Offloading to WiFi when Possible				
•	File Download: Cache Control	②	Connections: 400, 500 HTTP Status Response Codes				
②	File Download: Content Expiration	②	Connections: 301, 302 HTTP Status Response Codes				
②	File Download: Content Pre-fetching	0	Connections: 3rd Party Scripts				
②	File Download: Combine JS and CSS Requests	0	HTML: Asynchronous Load of JavaScript in HTML				
②	File Download: Resize Images for Mobile	•	HTML: HTTP 1.0 Usage				
(2)	File Download: Minify CSS, JS, JSON and HTML	②	HTML: File Order				
②	File Download: Use CSS Sprites for Images	©	HTML: Empty Source and Link Attributes				
0	Connections: Connection Opening	0	HTML: FLASH				
②	Connections: Unnecessary Connections - Multiple Simultaneous Connections	•	HTML: "display.none" in CSS				
O	Connections: Inefficient Connections - Periodic Transfers	0	Other: Accessing Peripheral Applications				
②	Connections: Inefficient Connections - Screen Rotation						

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Date:			Anr 29: 2015 10:41:27 PM			ATST Amiliation Resource	Outlinhoo
Trace:			2048_WiFi_Online			ALC: Apprecion resource	Optimizer
Applicat	ion(s) Nam	ne : Version:	Unknown App				
	Sector Vers Make/Mode		1.0.0.1 samsung / SAMSUNG-SGH-I727				
	orm Versio		43.1				
Network Profile:	Type(s):		WIFI AT&T 3G				
Reducing	the usage	e of network	for file downloads can reduce your a	application's b	nsumption.		
1	Test:	Text File Co	ompression				
	About:	Sending com	pressed files over the network will sp	peed delivery.	ipping files on a device is a very low overhead operation. E	rsure that all your text files are compressed while being sent over the network. Learn more	
	Mesuits:	AI&I AND	detected 5 KB of text files were sent	without comp	Adding compression will speed the delivery of your content t	your customers. (Note: Only files larger than 850 bytes are flagged.)	
		Time	Host Name	File Size			
		8.416		5329		sung%2CSAMSUNG-SGH-1727%2CSGH-17278udid=lfa%3Aaf764d18-2d02-4d15-a4c4-0867b2S01b7d8z=-04008,	
0		Duplicate Co		eliente oneto	that content was describeded multiple times which leaders	to slower applications and wasted bandwidth. Learn more	
	AUUUI.		initial diplom totals come of	picasi cons	the country was compared many which was	to some appointed and wasted described. Some makes	
	Possite:	Your trace o	correct with on accountable level of du	olicata conto	race had less than 3 duplicate items downloaded.		
	nesuns.	ross sace p	mases min an acceptante rever or or	picas cone	ince the read that I deplete here downloaded.		
•	About	Cache Conti This test me	rol assures the presence of cache header	s For all me	should be stored in the name the best grantine is to make	sure that your server is adding the appropriate cache headers. Learn.more	
	Results:	AT&T ARO	detected the absence of <u>cache</u> heads	es 33% of tir	ne headers prevent your files from being downloaded in a	duplicate manner.	
•	Test:	Content Exc	piration				
9	About:	This test cor	mpares the number of "304 not mod	fied" request:	files that should be cached but were downloaded multiple	imes. Learn more	
	Results	It annears th	nat meterit evniration is heim handler	1 nmnerly N	issues were detected in this trace and it passes this test.		
				, , ,			
_	Test:	Content Pre	****				
>	About:	This test me	asures multiple user input bursts all	in a row. Pro	may help speed up an app in these situations. Downloading	files "as needed" can slow the user experience. If a user scrolls through the main screen of your applicati	ion and
		has to wait t	for images to load, the application ap	pears slow.	ee_		
	Results:	The files in t	this trace seem to be downloaded in	reasonable t	d it passes this test. Remember that this may need to che	nge as user behavior changes.	
_							
			and CSS Requests	Mhonoune	combine into as few files as possible. Learn more		
	Results:	ARO found	no issues with multiple CSS requests	nor with m	aScript requests.		
•	Test:	Resize Imag	es for Mobile				
9	About:	Images that	are not correctly sized for mobile car	cause extre	in rendering. Before delivering content to a mobile, resize	t to fit the available area. Learn more	
	Results:	Your trace o	asses. There are no image files that	are 110% lar	the area specified for them.		
0			JS, JSON and HTML		sing. Run these files through a minifier to remove the white:		
						pace in cross to recove the sale. <u>Committee</u>	
	Results:		detected 1 files that could be shrunk				
			Host Name ads.mopub.com	Saving [%]	B) File Name	1.2.28dn=samsuno%2CSAMSUNG SGH-1727%2CSGH-17278udid=fig%3Aa/764d18-2d02-4d15-a4c4-0867b2S01.	
		0.410	выстирые		yngari-aau-soladussiti-aasaaritataana-	California and California Califor	
0	Test: About:	Use CSS Sp	orites for Images	thee medam	is. This will reduce the number of HTTP requests and spe-	and the leading of your one. Leave man	
				Unen residence	of the will reduce the name of this requests and app	to the beauty of your app. Cartillion	
	Results:	Your trace p	basses.				

CONNECTIONS FAIL				
Data Co Device OS/Plat Network Profile:	Make/Model: form Version: Type(s):	Agr 20, 2019 10-0-127 FM ATEX Application Resource Optimizer 2014, NPC, Online 10 10 10 10 10 10 10 10 10 10 10 10 10 1		
Optimiza	ng how you use th	te device's radio will speed the delivery of content and reduce your application's battery consumption.		
0	Test: About:	Connection Opening The last Region Branch State Connection seed properly. Some connection startings consists of an input bunt, followed by a series of bursts spread and over time which can chamalically slow down the applications response time and water largely or the section for a serificial. Ligan. Some.		
	Self Evaluation:	If you see many application-initiated bursts, consider a transaction manager to group these more closely together.		
٥	Test: About:	Unrecessary Connection - Multiple Similareous Connections This six measures burns that could be non splity proped Syring at if your data connections can hip notice the amount of time your application is on the network, networing the battery date. That will also make your content appear to tend from the from Connection		
	Results:	It appears that the data in this trace is grouped together well, and it passes this text.		
0	Test: About:	Inefficient Connections - Periodic Transfers This text helps ensure that your periodic connections are truly needed for the customer, which if not handled properly could cause excessive power drain. Learn.more		
	Results:	No periodic transfers were detected in this trace. It may be worthwhile to look for connections that happened regularly, but are not at exact intervals. This can cause excessive battery drain.		
9	Test: About:	Intelligent Connections - Screen Relation This last tosses seem relation, to see if the top is peoply the server on crientation change, or actually completely reterement content. If you see this in your toxic - consider a new layout for excelling content pather than re-disserted or seeming the content of a larger class transmission. <u>Learn conserve</u>		
	Results:	Either no screen rotations were noted or the screen rotations did not trigger network activity.		
0	Test: About:	helficient Connections - Connection Closing Problems This last checks that connections and closed promptly if not effectively closed with the last data, the sarrer fenced can turn the radio on just to close your connections, which wastes power and bardwidth. <u>Lasta more</u>		
	Results:	ATEX ARCI celected that 96.5 Joules (58.9% of the total energy) was used to control these <u>convections</u> . By closing connections promptly, you will reduce battery drain.		
0	Test: About:	Inefficient Connections - Officiality to WFF when Possible This text is a check to see if you are traveniting large churks of data. When this occurs you may consider officiality to WFF when appropriate. Laws more		
	Results:	There were not many large busts of data seen in this trace, and it passes this test.		
0	Test: About:	440, 500 HTTP Status Response Codes HTTP status response codes in the 4or range indicate a client request error, and 5ox codes indicate a server error. There should be zero such errors in your application. Learn more.		
	Results:	No 4ex or 5ox HTTP status response codes were detected during the trace.		
0	Test: About:	301, 304 HTTP Status Response Codes Redirects are an easy way to switch usen to different versions of your data. However, redirects also add significant intercy to your application. Use with case. Learn more .		
	Results:	No 301 or 302 HTTP status response codes were detected during the trace.		
0	Test: About:	3rd Party Scripts Connecting to 3rd party content can create slowdowns in your app. If these external files fail to load, you can have a huge effect on the customer experience and load times. Consider loading these in an expectoroous manner. Learn more		

Your trace

Date:

Apr 200 1915 10-127 PM

Dale: Apr 20, 2015 10.41.27 PM
Trace: 2041, WYL, Online
Application) Name: Versinch: Ustroom App
Back Collector Versinch: Ustroom App
Back Collector Versinch: USD 1
Device Make/Mobile: USD 1
Device Make/Mobile: Ammay 1 SMISLEAD-504-027
Obtroolleron Versinch: 4.1.1
Method Typel(): WIT,
Profile: ATST 20
Reading the usage of device periphrash and optimizing your HTTP connectivity can further reduce your application's battery consumption. AT&T Application Resource Optimizer

Test: Accessing Peripheral Applications

And This last reviews accessing device hardware applications like cameras, CPS, Blactoth, speakers and WFI, which can drain the battery. That's not a problem if your app is affiling those peripherals, but many apps access peripherals they never