Date:
 Apr 22, 2015 9:00:10 PM

 Trace:
 FS_NoInternet_GamePlayNew

 Application(s) Name : Version:: Unknown App
 1.00.1

 Data Collector Version:
 1.00.1

 Device Maker/Model:
 samsung / SAMSUNG-SGH-I7

 OS/Platform Version:
 4.3.1
 AT&T Application Resource Optimizer

samsung / SAMSUNG-SGH-I727 4.3.1

Network Type(s): Profile: WIFI AT&T 3G

SUMMARY

TESTSTATISTICS
HTTPS data not analyzed:0% (0 KB)
Duration: 5.73 minutes
Total Data Transferred: 80,859 bytes
Energy Consumed: 457.2 J (Energy)

Trace Score
Causes:
Effects:
Total: 362 (out of 500) 247 (out of 500) 609 (out of 1000)

TESTSCONDUCTED

File Download: Text File Compression

File Download: Duplicate Content

File Download: Cache Control

File Download: Content Expiration

File Download: Content Pre-fetching

File Download: Combine JS and CSS Requests

File Download: Resize Images for Mobile

File Download: Minify CSS, JS, JSON and HTML

File Download: Use CSS Sprites for Images

Connections: Connection Opening

Connections: Unnecessary Connections - Multiple Simultaneous Connections HTML: "display:none" in CSS

Connections: Inefficient Connections - Periodic Transfers

Connections: Inefficient Connections - Screen Rotation

Connections: Inefficient Connections - Connection Closing Problems

Connections: Inefficient Connections - Offloading to WiFi when Possible

Connections: 400, 500 HTTP Status Response Codes

Connections: 301, 302 HTTP Status Response Codes

Connections: 3rd Party Scripts

HTML: Asynchronous Load of JavaScript in HTML

HTML: HTTP 1.0 Usage

HTML: File Order

HTML: Empty Source and Link Attributes

HTML: FLASH

Other: Accessing Peripheral Applications

AT&T Application Resource Optimizer

Apr 22, 2015 9:00:10 PM FS_NoInternet_GamePlayNev

Trace: FS_NoInternet_
Application(s) Name : Version: Unknown App

1.0.0.1 Data Collector Version: Device Make/Model: samsung / SAMSUNG-SGH-I727 4.3.1

OS/Platform Version: Network Type(s): WIFI AT&T 3G

Reducing the usage of network for file downloads can reduce your application's battery consumption.

Text File Compression

About Sending compressed files over the network will speed delivery, and unzipping files on a device is a very low overhead operation. Ensure that all your text files are compressed while being sent over the network. Learnmore...

Results: AT&T ARO detected 0 text files above 850 bytes were sent without compression. Adding compression will speed the delivery of your content to your customers. (Note: Only files larger than 850 bytes are flagged.)

s Test: Ouplicate Content
This test measures duplicate content. Excess duplicate content means that content was downloaded multiple times, which leads to slower applications and wasted bandwidth. Learn.more...

Results: Your trace passes with an acceptable level of duplicate content. Your trace had less than 3 duplicate items downloaded.

Test: Cache Control

Test: Cache Control

Re About This test measures the presence of cache headers. For all content that should be stored in the cache the best practice is to make sure that your server is adding the appropriate cache headers. Learn more...

Results: Your data is populated with cache headers and it passes this test.

Test: Content Expiration
About: This test compares the number of "304 not modified" requests versus files that should be cached but were downloaded multiple times. Learn.more....

Results: It appears that content expiration is being handled properly. No caching issues were detected in this trace and it passes this test.

Test: Content Pre-fetching
About: This test measures mu

This test measures multiple user input bursts all in a row. Prefetching 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 application and has to wait for images to load, the application appears slow. Learn more...

Results: The files in this trace seem to be downloaded in reasonable bursts, and it passes this test. Remember that this may need to change as user behavior changes.

Test: Combine JS and CSS Requests
About: Multiple requests for CSS or JS can slow loading. Whenever possible, combine into as few files as possible. Learn.more...

Results: ARO found no issues with multiple CSS requests nor with multiple JavaScript requests.

Resize Images for Mobile Images that are not correctly sized for mobile can cause extreme delays in rendering. Before delivering content to a mobile, resize it to fit the available area. Learnmore....

Results: Your trace passes. There are no image files that are 110% larger than the area specified for them.

Test:
About: Minify CSS, JS, JSON and HTML

Many text files contain excess whitespace to allow for better human coding. Run these files through a minifier to remove the whitespace in order to reduce file size. Learnmore...

Results: Your trace passes.

Test: Use CSS Sprites for Images

About: Small images can be combined into Sprites, and then rendered with CSS. This will reduce the number of HTTP requests and speed the loading of your

Apr 22, 2015 9:00:10 PM
FS_Notintermal_ClamePlayNew
in: Uniconer App
1.00.11
3.00.17
4.3.1
WIFI
AT&T 3G Connection Opening
The set they extract connections are opened properly. Some connection startups consists of an input burst, followed by a series of bursts spread out over time which can dismatically stow down the application's response time and waste energy on the detect. This is a self-test. Learn mine. O Test: About: Self Evaluation: If you see many application-initiated bursts, consider a transaction manager to group these more closely together. Unnecessary Connections - Multiple Binutizenous Connections
This surf measures burin but could be more lightly speed. Spring all of your data connections can help reduce the amount of time your application is on the nations, reducing the buttery death. That will also make your content appear to but former by to over "Learn more." Test:
About: Results: It appears that the data in this trace is grouped together well, and it passes this test. Test: Inefficient Connections - Periodic Transfers
About: This test helps ensure that your periodic connections are tudy 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. halfficient Connections - Screen Relation

This set trans screen relation is seed if the age is pinging the server on orientation changes, or actually completely retriesment content. If you see this in your trace - consider a new layout for easing content prather than re-downloady or Test:
About: Either no screen rotations were noted or the screen rotations did not trigger network activity. Inefficient Connections - Connection Closing Problems
This last chacks that connections are closed promptly. If not effectively closed with the last data, the server finited can turn the radio on just to close your connections, which weakes power and bandwidth. <u>Learn more</u>... Test:
About: Results: Connections appear to be closed promptly in this trace, and it passes this test. Test: Inefficient Connections - Officeating to WiFi when Possible
About: This test is a check to see if you are transmiting large chursis of data. When this occurs you may consider officeating to WiFi when appropriate. Results: There were not many large bursts of data seen in this trace, and it passes this test. Test:
About: 400, 500 HTTP Status Response Codes
HTTP status response codes in the 4ox range indicate a client request error, and 5ox codes indicate a server error. There should be zero such errors in your application.

Learn more... 301, 302 HTTP Status Response Codes
Restricts are an easy way to switch users to different versions of your data. However, redirects also add significant latency to your application. Use with care. Learn more... Test:
About: No 301 or 302 HTTP status response codes were detected during the trace. Test: 5de Puny Scripts
About: Connecting to 3de pany content can create slowdowns in your app. If these estemal files fail to load, you can have a huge effect on the customer experience and load fines. Consider boding these in an asynchronous manner. Learn more...

Your trace passes.

Date: Apr 22, 2015 9 00 10 PM
Trace: Application(s) Remar Variance: Unknown Age
Obs. Collector Variance: Unknown Age
Obs. Collector Variance: Unknown Age
Obs. Collector Variance: Unknown Age
Sammurg / SMR0UAS-S04-1277

Obs. Collector Variance: Age
Sammurg / SMR0UAS-S04-1277

National Typida(s): WIT
Profiles: ATAT 30
Reducing the usage of decke periphrasis and optimizing your HTTP connectivity can further reduce your application's battery consumption. AT&T Application Resource Optimizer Test: Asynchronous Load of JavaScript in HTML

About: JavaScript loading blooks parallel downloads, and files downloaded in the HEAD of your HTML will block the rendering of your HTML if you must load JavaScript in the HEAD load asynchronously. Learn more... Results: AT&T ARO discovered 0 HTML files loaded synchronously and it passes the test. Tast: HTTP 1.0 bags
About: This list is just review to make zure you are saing HTTP 1.1, which allows multiple items to be downbashed per connection, which is more efficient for your app. <u>Laser minor</u>. Results: AT&T ARO detected 0 HTTP 1.0 headers, and it passes this test. Test: File Order

About: In the HEAD of your HTMs, CSS files should always be loaded before JS files to ensure faster loading of your website. Learn more... Results: ARO discovered 0 HTML file where JS is loaded immediately before CSS. Test: Empty Source and Link Attributes

About: Many browsers still attempt to connect even if there is no urf. This can cause delays in loading your site. Learn more... Results: Your trace passes.

Test: FLASH
About: Arboid and C/S pielforms do not support Flash, therefore your content is unmaddled to your users. Consider using an HTMLS video player instead. <u>Learn month</u>. Results: Your trace passes.

Tast: "daplayment" in CSS

Tast CSS are "daplayment" and built have diploted from being shown on a page. However, this does not provent the objects from being diserbladed to the mobile device. These exists objects (that are rever displayed to the sear), will store device only go be it seem date. LINES MINISTRA

Results: ARO discovered 0 files with no CSS rule "display:none" and it passes the test.

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Trace: F3, Notinand, Canselfrylynew
Application) Name: Vinninci. Storoming, Canselfrylynew
Application) Name: Vinninci. Storoming, Canselfrylynew
10.01
Device. Makembolie: 10.01
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Obritations Writing. 4.1.1
Makewa Typidali: Will 7
Profile: ATST 20.
Risakring the usage of device periphrasis and optimizing your HTTP connectivity can further reduce your application's battery consumption. AT&T Application Resource Optimizer

Test: Accessing Peripheral Applications

Accessing Peripheral Applications

Accessing Peripheral Applications

Accessing Peripheral Applications

Enter Investment Security Peripheral Applications

Enter Investment Security Tests not a problem if your app is utilizing those peripherals, but many apps access peripherals

Enter Investment Security Tests appear to be managed properly. Taxous shows OFFs was active for 0's of the time. Electricity was active for 0's of the time.