Aerize WiFiX

Network connection rules based routing
v2.0.0

- **Enable WiFi speeds and lower cost**

- **Route cellular network connections over WiFi**

- **Route WiFi connections over various cellular networks**

- **Route WAP connections to and from TCP, BIS, and BES connections**

Take complete control over BlackBerry® network connections. Route Internet connectivity through cellular or WiFi connections, even for apps that require a BlackBerry® Data plan. Aerize WiFiX is fully configurable to support unlimited apps allowing a connection to be routed over any network connection including BES, BIS, TCP/IP, WAP, WAP2, or WiFi -- Utilize BlackBerry networkings full potential with Aerize WiFiX.

BlackBerry OS Requirements:
BlackBerry 4.5, BlackBerry 5.0, BlackBerry 6.0, BlackBerry 7.0, BlackBerry 7.1

Installation and Registration

Installation

It's easy to install Aerize WiFiX; simply run the installer on your personal computer and follow the onscreen instructions.

1. Connect your BlackBerry device to your computer
2. Run the Aerize WiFiX Desktop EXE
3. Enjoy!

Registration

Aerize WiFiX has a fully functional 7 day trial. When the trial period has ended, you may purchase a Serial Code to enable prolonged usage.

1. Purchase a Serial Code
2. Open the Aerize WiFiX Options
3. Enter your Serial Code

Application Permissions

Please enable all permissions for Aerize WiFiX to work properly. Permissions can be enabled by navigating to **BlackBerry Options** > **Advanced Options** > **Applications** > **Aerize WiFiX**, and pressing the menu key, then **Edit Permissions**. If these permissions are not allowed the program may not operate correctly or at all.

General Usage

Configuring Aerize WiFiX

Its easy to configure Aerize WiFiX. Its important to understand the way the Aerize WiFiX works to understand how to configure. Aerize WiFiX sits between the device networking hardware and the software applications that connect through the device networking hardware. When a connection is triggered by the WiFiX settings, Aerize WiFiX will reroute the connection as the settings have instructed. This allows connections that use a BlackBerry Data plan to be routed through the wifi hardware and bypass the mobile data network completely.

Aerize WiFiX is so powerful it can also reroute connections intended for any type of network to any other, for instance if a connection is intended to se send via WiFi, Aerize WiFiX can reroute the connection over any network the device supports, like a BlackBerry BIS connection, or a WAP transport if your cellular provider doesn't support BlackBerry Data plans.

Background Service

To enable re routing of network connections, you must enable the background service. To quickly disable all connections, simply disable the Aerize WiFiX Background Service.

Rules

Rules are a collection of triggers and a route that will be applied to the connection when the rule has been triggered. When a connection to one of these hosts occurs, the rule will be triggered.

The main WiFiX screen shows all of the rules that are entered. If all rules are removed, Aerize WiFiX will ask you if you would like to import the default settings, which will include rules for many popular BlackBerry Applications.

Rules can be enabled and disabled individually by selecting the rule and enabling with a checkmark, or disabling without a checkmark. Please ensure that the Background Service is also enabled for the rule to be in effect. Editing a rule will allow you to enter a name, edit or add triggers and edit or add a route.

Delete Rule
To delete a rule, select the rule you would like to delete, then open the menu and select '**Delete Rule**'.

Edit Rule
To edit a rule, select the rule you would like to edit, then press the menu button and select '**Edit Rule**'.

Add Rule
To add a rule, choose the **Add** button at the bottom of the main screen, this will create a new rule and let you edit the rule options.

Import Rules
You can import rules that have been exported by Aerize WiFiX v1.x or v2.x, chose the '**Import Rules**' option from the menu and select the rules to import.

Export Rules
You can export rules that will be compatible with Aerize WiFiX 2.0 with the '**Export Rules**' menu option. Simply choose the location to save the rules, and the name of the file.

Add Host
Choose **'Add Host'** to add a new host that will trigger the current rule.

Routes

When a connection triggers a rule, the associate route will be applied to the connection that triggered the rule. The route can be any of the default routes, or a user defined route. Please note that routes may be mobile operator specific.

To Edit an existing route, edit a rule and select the option to '**Edit Routes**'. You can select any route and make changes to the route. You can also delete or add a new route. NOTE: If you would like the default routes again, delete all routes and the Default Routes will be imported.

Name
The name is a description of the route, and has no effect on how the route operates.

Require Active Connection
If enabled this route will not be applied if the connection is not currently active. This can be very useful for wifi connections. For instance, if a connection is to be re routed when a wifi connection is active, it will work like normal without an active wifi connection.

Format
The route format can be very complicated, and very mobile operator specific. There is a lot of information of the internet, you should be able to find a working format string for your operator on the internet. You may use some placeholders for the format string:

<URL> will include the original triggering url, including the protocol (http://), host, port, and uri.
<URI> will include the path part of the triggering url.
<HOST> will include the name of the original triggering url.
<PORT> will include the port of the original triggering url.

You can add parameters to the end. All paramaters of the trigering request will be striped, and the routes paramaters will be used.

New
You can create a new route by choosing the **'New'** button.

Delete
You can delete the current route with the **'Delete'** button.

Common Questions

Q. How can I Determine the hosts of a 3rd party application?

A. Open the BlackBerry **Options** > **Device** > **Application Management** > **Edit Permissions**, and set the Internet permission to prompt for the application you want to check. Each time the application opens a connection, it will now prompt with the destination of the connection.

Q. How can I disable the on-screen keyboard on the BlackBerry Storm?

A. Please disable compatibility mode. Highlight the application icon, press **Menu**, and uncheck the **Compatibility** item.

Q. How can I upgrade my device software?

A. Follow the steps below:

1. Backup your device information
2. Download and Install the latest OS for your device
   (http://na.blackberry.com/eng/support/downloads/download_sites.jsp)
3. Upgrade your device using the Application Loader from BlackBerry Desktop Manager

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