

GTA SSL Browser

SSLBrowser201607-01



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SSL Browser

This section will assist users in connecting to the SSL Browser and navigating the interface.

Requirements

- GB-OS version 5.3.0 or higher
- An IP Address assigned to the firewall External Interface, resolvable in DNS

Connecting to the SSL Browser

To access the SSL Browser, open a Web browser and enter the IP address or host name of the connecting firewall. If the browser is configured for a port other than 443, enter the host name or IP address followed by a colon and port number.

Example: `https://ssl.gta.com:1443`

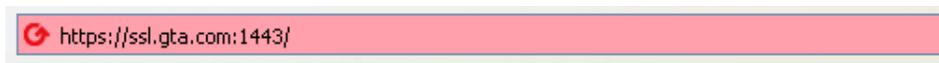


Figure 1: URL

The Login screen for the SSL Browser will display. Enter your user login credentials to access the browser. If the virtual keyboard force use is enabled, you will have to use the virtual keyboard to enter passwords. Use the shift key to access special characters.



Figure 2: Login



Note

Administrators with SSL privileges logging in on the administration port will see the normal firewall administration interface and the SSL Browser.

SSL Browser Interface

There are two sections in the SSL Browser interface:

1. **Browser** – Displays for all users allowed access. Allows for quick, and secure access to protected resources.
2. **Client** - Only displays for users who are allowed SSL Client access.

Bookmarks

1. Labels are used to describe the group of bookmarks. Top level Labels are not clickable URL's and a Browser may have several Label and URL combinations.
2. There are four types of Bookmarks available
 - a. http
 - b. https
 - c. ftp
 - d. cifs (smb)
3. To access a URL, click on a LABEL link indicated by a bullet or icon.
Example:
 - Staff Site
 - FTP Server
4. Password protected sites will prompt a user for a password, in case of ftp and cifs, before connection is completed.

Bookmarks Only

1. A user with Bookmarks Only access will only have access to predefined URL's.
2. Access to an undefined URL will be denied. A user should contact their firewall administrator for access to undefined URLs.

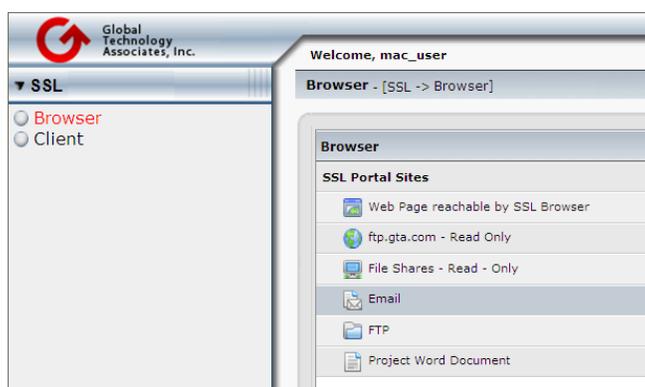


Figure 3: Browser access only

Bookmarks and Browser

1. Users have the same access rights as a Bookmark Only user, with the addition of a Browser bar.
2. The Browser Bar allows users to enter URLs that are not predefined by selecting the Protocol (http, https, ftp, or cifs) and entering the URL.



Figure 4: Bookmarks and Browser access

Password Prompts

Links to URLs requiring a password such as a ftp server, file shares, or basic authentication will prompt users for a login.

1. Example of a FTP server login. The virtual keyboard is available for password entry.

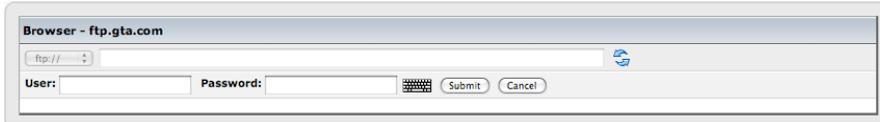


Figure 5: Login Prompt

2. Example of Outlook Web Access – Basic Authentication login window:



Figure 6: OWA Login

Using the Browser

URL Access

URL's are accessed via predefined links or by entering the URL directly in the browser bar as shown below. Enter a URL and click on the refresh icon to open the URL.



Figure 5: URL Browser Bar

Web Browser Toolbar

Navigation and http and https use is accomplished using the SSL Browser toolbar. The SSL Browser toolbar allows for quick and convenient access to bookmarks, the SSL page and for closing the client.



Figure 6: SSL Browser Toolbar

1. **Move** - Allows the user to move the toolbar to the upper left, middle or upper right of their browser.
2. **Bookmarks** - Allows quick access to configured bookmarks.
3. **Home** - Returns the user to the SSL Browser page.
4. **Close** - Close browser session.
5. **Minimize/Maximize** - Allows the user to minimize or maximize the SSL toolbar.

File Browser Toolbar

The file browser toolbar will display differently based on user group permissions and protocol. It will only display when the protocol is ftp(s) or cifs (smb).

- Select a folder to browse it's contents.
- To rename a folder, select the edit icon beside the folder. A dialog box will appear.
- To download a file, select and double-click the file.



Figure 7: File Browser Toolbar

Table 1: File Browser Toolbar					
Icon	Value	Description	Shares/SMB (cifs)	FTP	Read Only
	Up	Move up one directory level.	Yes	Yes	Yes
	Bookmarks	Return browser to SSL Browser page.	Yes	Yes	Yes
	New Folder	Creates a new folder.	Yes	Yes	No
	Delete	Deletes selected folder(s). To select multiple files or folder select the check mark next to the file or folder. Note: Folders cannot be deleted unless the contents of the folder are empty.	Yes	Yes	No
	Copy	Copies a file or folder.	Yes	No	No
	Cut	Cuts a file or folder.	Yes	No	No
	Paste	Pastes the object of a copy or cut.	Yes	No	No
	Upload	Upload a file.	Yes	Yes	No

Auto Logout

When a browser has been inactive for a specified period of time, the user will be automatically logged out. A prompt will allow the user to remain logged in. If the idle period is too low, contact your firewall administrator to increase this time period.

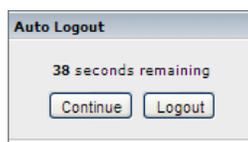


Figure 8: Auto logout

Logout

When logging out, it is recommended that you use the logout option and clear the cache on any untrusted hosts. The SSL Browser will attempt to clear cache if the log out button is used.



Figure 9: Logout



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