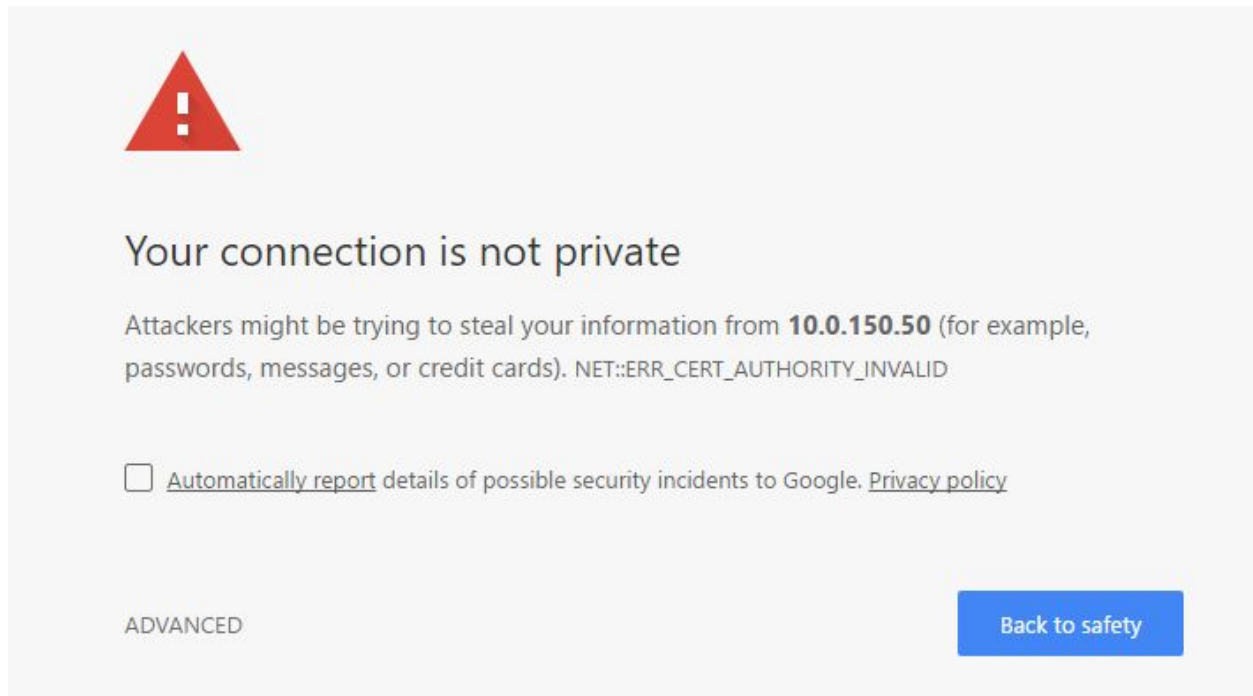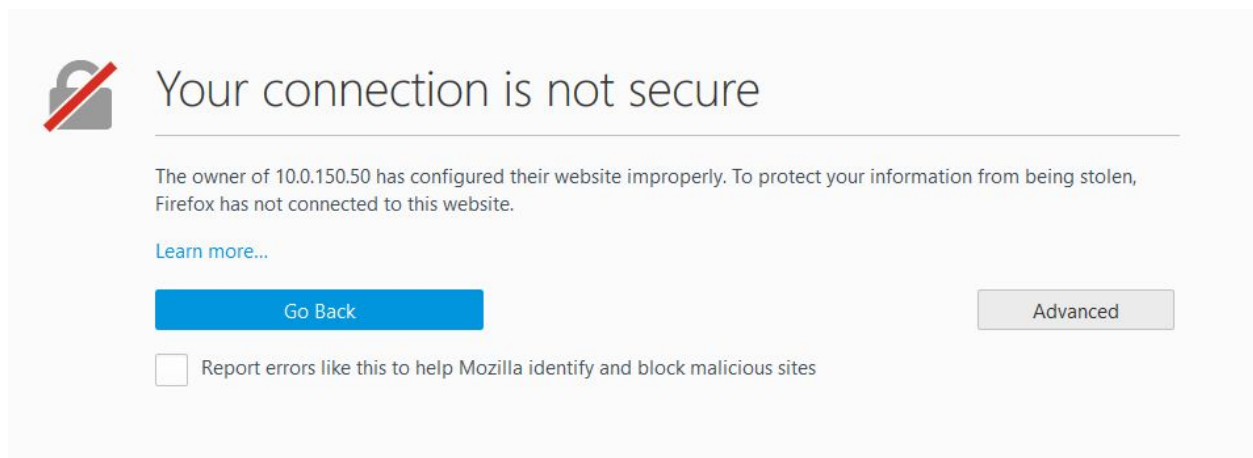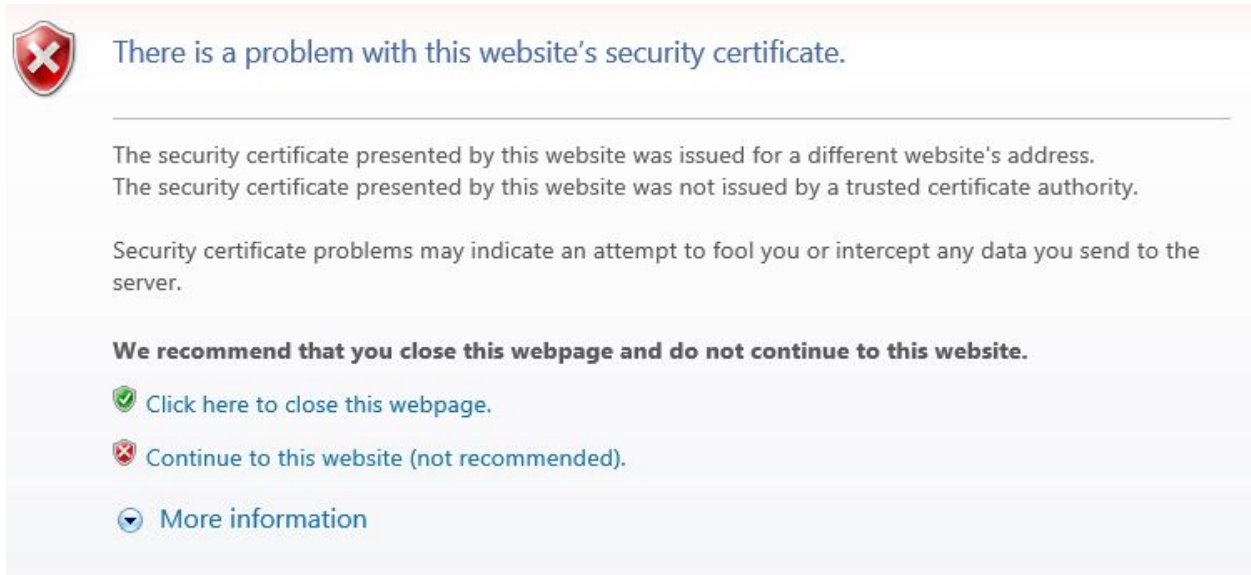# Green Team Documentation

Wright State University

Prepared on 2017 March 30
2017 ANL Cyberdefense Competition

NOTICE:

If at any time you see a screen in your web browser like the ones below (Figures A, B, and C), follow the instructions in Appendix B.

Figure A (Chrome)

Figure B (Firefox)

Figure C (Internet Explorer)

There is a problem with this website's security certificate.

The security certificate presented by this website was issued for a different website's address.
The security certificate presented by this website was not issued by a trusted certificate authority.

Security certificate problems may indicate an attempt to fool you or intercept any data you send to the server.

We recommend that you close this webpage and do not continue to this website.

Click here to close this webpage.

Continue to this website (not recommended).

More information

1. Login Script

Step#	Test cycle	Page name/ID*	Action	Expected Result	Observed Result	Pass or Fail	Defect Tracking ID
1		www.pangea.local	Enter username into username space **	Username appears in username space			1-1
2		www.pangea.local	Enter password into password space	Dots corresponding to each character in your password appear			1-2
3		www.pangea.local	Click login	You successfully login			1-3

* If you have not configured the DNS to 10.0.150.40 then the page name will be 10.0.150.70 in place of www.pangea.local, with anything following it added on; for example, www.pangea.local/user/ would be 10.0.150.70/user/
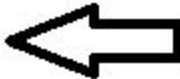
** Usernames and passwords are located in Appendix A, Table 1

1. Login Instructions

To login, first find your username and password in Table 1 in Appendix A below.

You can then proceed to the main webpage located at http://10.0.150.70 and enter the username and password in the corresponding boxes.

Finally, click "Log in."

Now you should be logged in.

Note: If you do not have a username and password you cannot login.

2. File Upload/Download Script

	Test cycle	Page Name/ID*	Action	Expected Result	Observed Result	Pass or Fail	Defect Tracking ID
1		www.pangea.local	Login, follow the login instructions above	User successfully logs in			2-1
2		www.pangea.local	Enter click the file upload/download link	File upload /download page loads			2-2
3		www.pangea.local/node/18	To download a file, click the title of the file show, files may not show if none available to your user.	File is downloaded			2-3
4		www.pangea.local/node/18	To upload a file, the user clicks the file upload link	The file upload dialog opens on the page			2-4
5		www.pangea.local/node/18	Click "choose file" button	A file section dialog opens			2-5
6		www.pangea.local/node/18	Choose the file you want to upload and click upload	The selected file is loaded into the upload dialog			2-6
7		www.pangea.local/node/18	Fill out the description section with a description of the file you want to uploaded	The description field is filled with a file description			2-7
8		www.pangea.local/node/18	Click the upload button to upload the file	The file is successfully uploaded			2-8

2. File Upload/Download Instructions

First you need to login by following the login instructions in part 1 above.

Next, you should click the "File Upload/Download" link.

About Us   Employees   HMI   File Upload/Download

2. Learn to save
See how we can help you

3. Register
Sign up for energy savings

You should see listings of files to download and a link to upload a new file.

To download, click the title of the file you wish to download.

Home » File upload/download » File upload/download

File upload/download

	Display name ▲	created	modified
◆	test.test new	Fri, 03/24/2017 - 10:07	Fri, 03/24/2017 - 10:07

To upload a file, click the "File Upload" link.

File upload/download

View	Edit	Access control

☐		Display name ▲	created	modified
☐	◆	test.test new	Fri, 03/24/2017 - 10:07	Fri, 03/24

actions | choose an action ▼ | Process

▶ **File Upload**

Next, click "File Upload" and select the file you wish to upload.

▼ File Upload

Uploaded file will be saved to the current directory.

Upload file

Choose File No file chosen

Description

New name [   ]

Just put filename with NO EXTENSION here if you want to rename the file you want to upload

Upload

Next, fill out a description of the file in the "Description" field.

If you wish to rename the file, fill out the "New name" box.

Finally, click "Upload" to upload the file.

▾ File Upload

Uploaded file will be saved to the current directory.

Upload file

Choose File | No file chosen

Description

New name [   ]

Just put filename with NO EXTENSION here if you want to rename the file you want to upload

Upload

3. Add Comment to Posts Script

Step #	Test Cycle	Page Name/ID*	Action	Expected Result	Observed Result	Pass or Fail	Defect Tracking ID
1		www.pangea.local	Find post and click add new comment button	The pages changes to a comment section			3-1
2		www.pangea.local /comment/reply /[post-id]#comment-form	Enter in name, subject and body of the comment on the post, if logged in, the name field will not appear.	The desired name, subject and message fill the correspond-ing fields			3-2
3		www.pangea.local /comment/reply /[post-id]#comment-form	Click the "Save" button	You successfully post your comment			3-3

3. Add Comment to Posts Instructions

To comment on a post, first locate the post you wish to comment on.
Next click the "Add New Comment" button.

News Story 3

Posted on: 15 January 2017   By: epsilon

Aliquam sagittis magna eget urna fermentum, at varius enim egestas. Vivamus eleifend hendrerit feugiat. Donec bibendum sapien eu molestie fringilla. Suspendisse nec massa viverra, aliquam leo vel, varius nulla. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Aenean dignissim tortor magna, at pharetra est pulvinar eu. Aenean ut pharetra risus, vel placerat magna. Aenean dictum tristique ipsum quis lacinia. Ut tempus justo nec arcu feugiat porta.

Read more   Add new comment

Next fill out the comment form, with your name, subject, and comment. If you are logged in, your name will be already filled in.

Your name

Subject

Comment *

| Source | | | | | | | | | | | | | | | | |

Format   **B** *I* U S x₂ x² Iₓ

Switch to plain text editor

Text format   Filtered HTML ▾   More information about text formats

- Web page addresses and e-mail addresses turn into links automatically.
- Allowed HTML tags: <a> <em> <strong> <cite> <blockquote> <code>   <dl> <dt> <dd>
- Lines and paragraphs break automatically.

Save   Preview

Finally, click "Save" to post your comment.

4. Access the ICS HMI Script

Step #	Test Cycle	Page name/ID*	Action	Expected Result	Observed Result	Pass or Fail	Defect Tracking ID
1		www.pangea.local	Login, refer to login step	User successfully logs in, home page appears			4-1
2		www.pangea.local /hmi?ajax_request =	Click on the HMI tab at the top of the page	A login dialog will appear			4-2
3		www.pangea.local /hmi?ajax_request =	Login using your username and password and click login	User successfully logs in to the HMI			4-3

4. Access the ICS HMI Instructions

First, log in using the steps in part 1 above. If you do not have a username and password, you cannot login.

Then, click the "HMI" tab at the top.

A login dialog should appear. Login in using the same username and password you used to log into the website.

If you do not have permission to access the HMI, you may receive an error message.

If you do have permission, you should now have a page that gives access to the HMI.
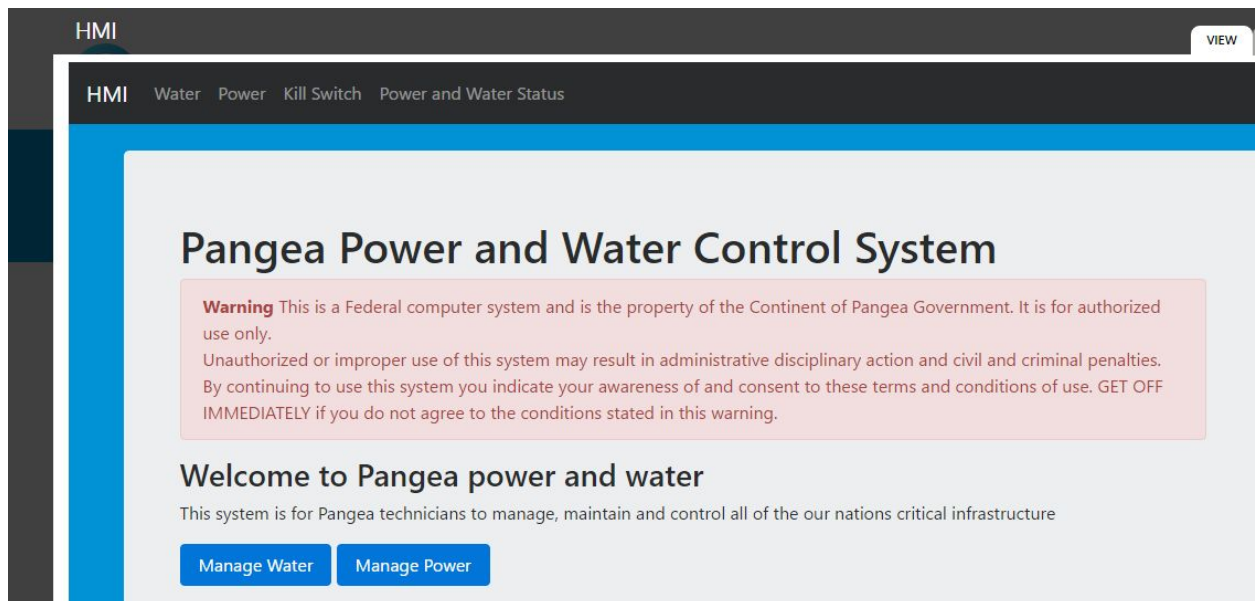
5. Request Support Through the Help Desk Script

Step #	Test Cycle	Page Name/ID*	Action	Expected Result	Observed Result	Pass or Fail	Defect Tracking ID
1		www.pangea.local	Log in, refer to the login step	User successfully logs in			5-1
2		www.pangea.local	Click the Profile page link	The page changes the profile page			5-2
3		www.pangea.local/user	Click the "Create new ticket" link below the "Tickets" header	The new ticket screen appears			5-3
4		www.pangea.local/user#overlay=node/add/support-ticket	Fill out the title and body of the ticket form	The title and body fill with your ticket message			5-4
5		www.pangea.local/user#overlay=node/add/support-ticket	Click the save button	The ticket is submitted and the ticket screen is displayed			5-5

5. Request Support Through the Help Desk Instructions
To answer a request from help desk, first login using the instructions in part 1 above.
Next, click on the "Profile Page" link:

QUICKLINKS

About Us
Outages
Privacy Policy
Polls
Ways to Save
▸ Add content
▸ Forums
Logout
Profile Page

Next, click on "Create new ticket" under Tickets

Tickets
- View recent tickets
- Create new ticket
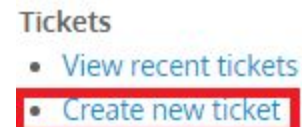
Finally, fill out the "Create Support ticket" form.

Create Support ticket

Title *

Body (Edit summary)

Save   Preview

Click the "Save" button to send your ticket to the help desk.

6. Answer a Request from the Help Desk Script

	Test Cycle	Page Name/ID*	Action	Expected Result	Observed Result	Pass or Fail	Defect Tracking ID
1		www.pangea.local	First login, refer to login instructions above.	User successfully logs in			6-1
2		www.pangea.local	Click the "profile page" link under Quicklinks	Page changes to profile page			6-2
3		www.pangea.local /user	Click "view recent tickets" under Tickets header	Page changes to display a table of recent tickets, may be none if user has none, stop here if that is the case.			6-3
4		www.pangea.local /support/user/[user id]	If there is a ticket the user wants to respond to, click the title of it in the Ticket column	The page changes to display ticket and comment dialogue.			6-4
5		www.pangea.local /node/[ticket it]	Fill Out the comment form with subject and the message to respond to the request	The subject and body portions fill with the user's message			6-5

6		www.pangea.local /node/[ticket it]	Click save to submit the comment	The comment response is submitted to helpdesk, the page changes to show the ticket and newly created comment.			6-6

6. Answer a Request from the Help Desk Instructions
First, login using the steps in part 1 above.
Next, navigate to your profile page:

QUICKLINKS

About Us
Outages
Privacy Policy
Polls
Ways to Save
▸ Add content
▸ Forums
Logout
Profile Page

Next, click on the "View recent tickets" link:

Tickets
• View recent tickets
• Create new ticket

Now you should see a table containing all tickets concerning your user, if any at all.
If you don't have any tickets currently, you can't respond to a ticket.
To view a ticket, click on the link for that ticket:

	Id	Ticket	Updated
☐	#19	Test 2	02/17/2017 - 19:34
☐	#15	Site is slow	01/24/2017 - 19:14
☐	#14	Password reset	01/23/2017 - 22:28

You should see the ticket and request from the help desk.

Test 2

View   Edit

Posted on: 17 February 2017   By: epsilon

This is just a test.

You can respond to the help desk below the message.

Test 2

View   Edit

Posted on: 17 February 2017   By: epsilon

This is just a test.

Subject

Comment

Switch to plain text editor

Text format   Filtered HTML ▾   More information about text formats ❓

After filling out the response form, click the "Save" button at the bottom of the form.

Save   Preview

Appendix A: List of Users
## Table 1: Users, Information, and Passwords

| NAME	ROLE	BADGE ID	EMAIL	PHONE	USERNAME	PASSWORD
Frank Castle	CEO	x4421	f.castle@cdc.pan	555-122-4121	f.castle	D2x9QxyTkmaw
Lisa Delrose	Prime Minister	x8723	l.delrose@cdc.pan	555-122-8723	l.delrose	F5RQFazfNugt
Chuck Wheeler	CIO	x3637	c.wheeler@cdc.pan	555-122-3637	c.wheeler	aQDDPcnndp3B
James Hoyt	Secretary	x5345	j.hoyt@cdc.pan	555-122-5345	j.hoyt	yBLm5yx2VuBh
Sandra Wilhelm	Maintenance	x6365	s.wilhelm@cdc.pan	555-122-6365	s.wilhelm	EbeKpHahQ3wy
Patricia Emerson	CSO	x8373	p.emerson@cdc.pan	555-122-8373	p.emerson	rUfLk3Fr5BvL
Piotre Luther	Grounds Keeper	x2383	p.luther@cdc.pan	555-122-2383	p.luther	2Dv38auJbKSR
Karen Holmes	Security Officer	x1122	k.holmes@cdc.pan	555-122-1122	k.holmes	CdpTKendRJ5J
Simon Smith	Intern	x9923	s.smith@cdc.pan	555-122-9923	s.smith	fYqxKWN8kwPz
Jane Wright	Pump Technician	x3342	j.wright@cdc.pan	555-122-3342	j.wright	RTHk9rVnt6QE
Ted Fritz	Pump Technician	x9121	t.fritz@cdc.pan	555-122-9121	t.fritz	7mTU7LGpeAqf
Crystal Licht	Electrical Engineer	x2287	c.licht@cdc.pan	555-122-2287	c.licht	5Tzk32Y8fh9X
Holly Peterson	Software Engineer	x2342	h.peterson@cdc.pan	555-122-2342	h.peterson	BtvsCqFUb5JS
Brad Wells	Web Design	x1022	b.wells@cdc.pan	555-122-1022	b.wells	76Uo8BFQ2na6
Susan Taylor	Database Admin	x3234	s.taylor@cdc.pan	555-122-3234	s.taylor	gX72PzqiKDQe
Andrea Thompson	ICS Line Manager	X2589	a.thompson@cdc.pan	555-122-2589	a.thompson	dA27ffQPsfxj

Appendix B: Security Warnings
Figure A (Chrome) Instructions
If your screen looked like Figure A, follow these steps in Chrome:

1. Click "ADVANCED" at the bottom of the page:
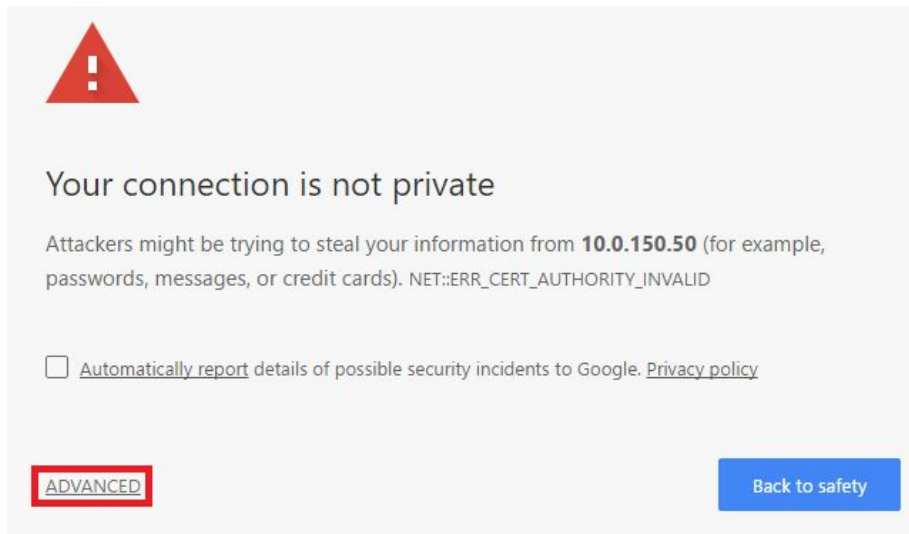
2. Click "Proceed to ...":
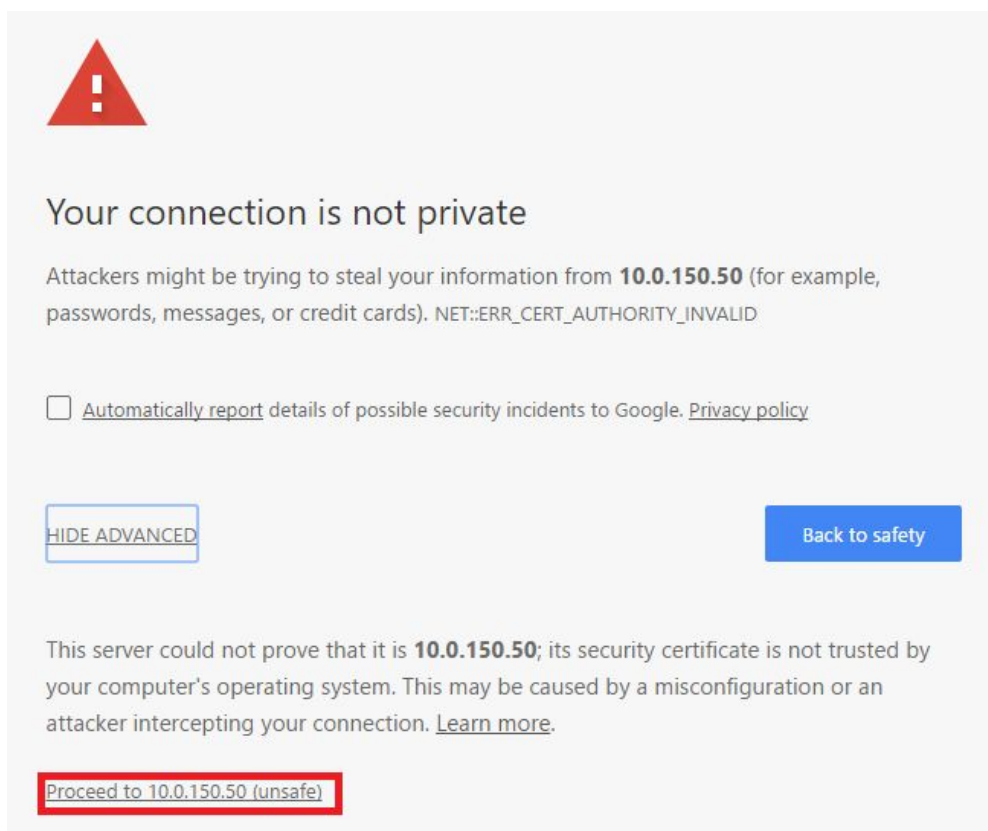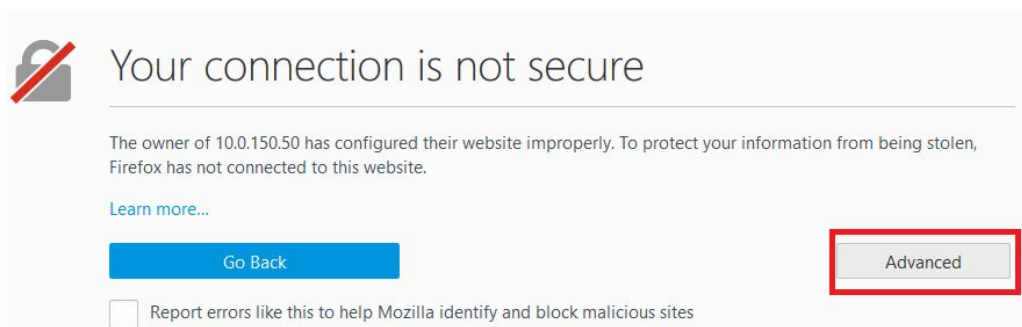

3. The desired web page should appear.

Figure A (Chrome) Script

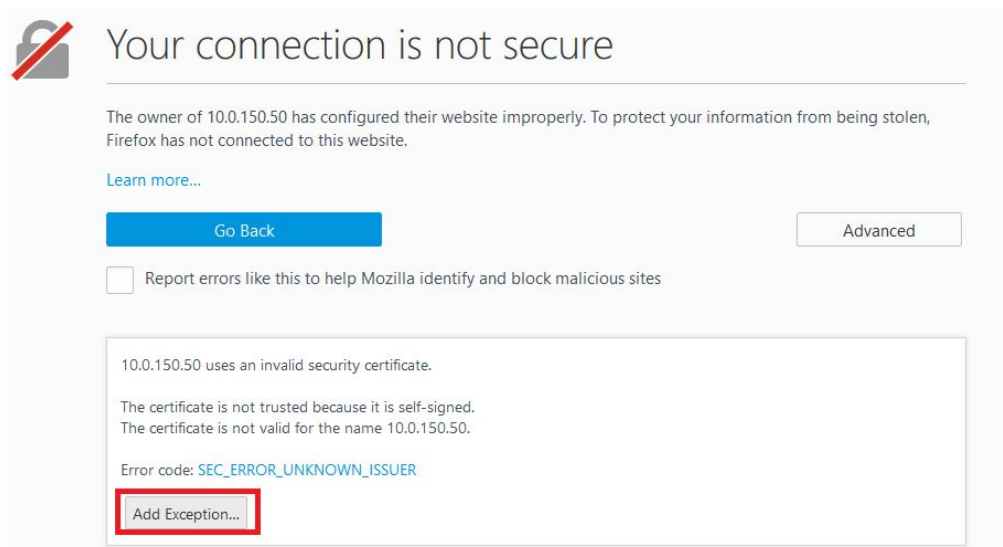| Step #	Test Cycle	Page name/ID*	Action	Expected Result	Observed Result	Pass or Fail	Defect Tracking ID
1		***.pangea.local	Click "ADVANCED"	Advanced options appear			AC-1
2		***.pangea.local	Click "Proceed to ..."	The correct webpage loads			AC-2

Figure B (Firefox) Instructions

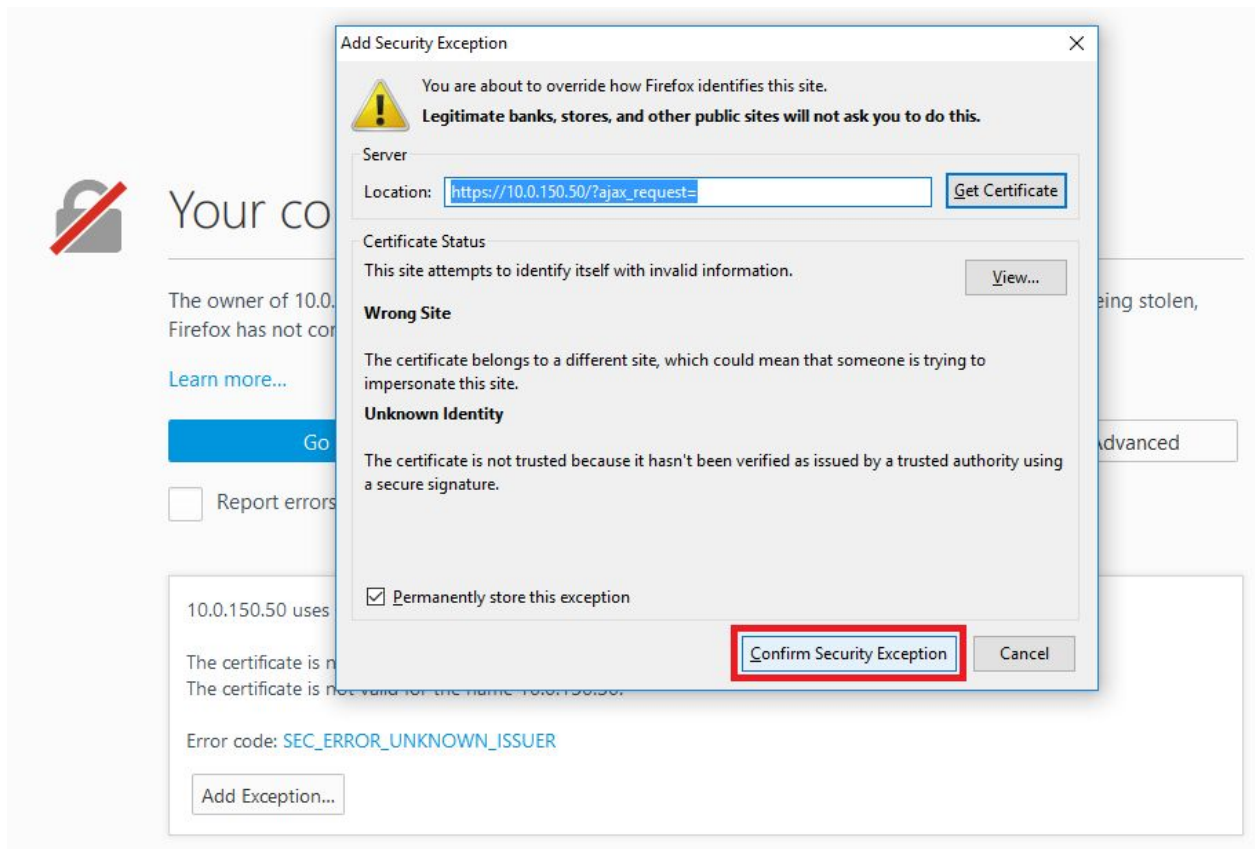If your screen looked like figure B, follow these steps in Firefox:

1. Click "Advanced":

2. Click "Add Exception...":

3. Click "Confirm Security Exception":

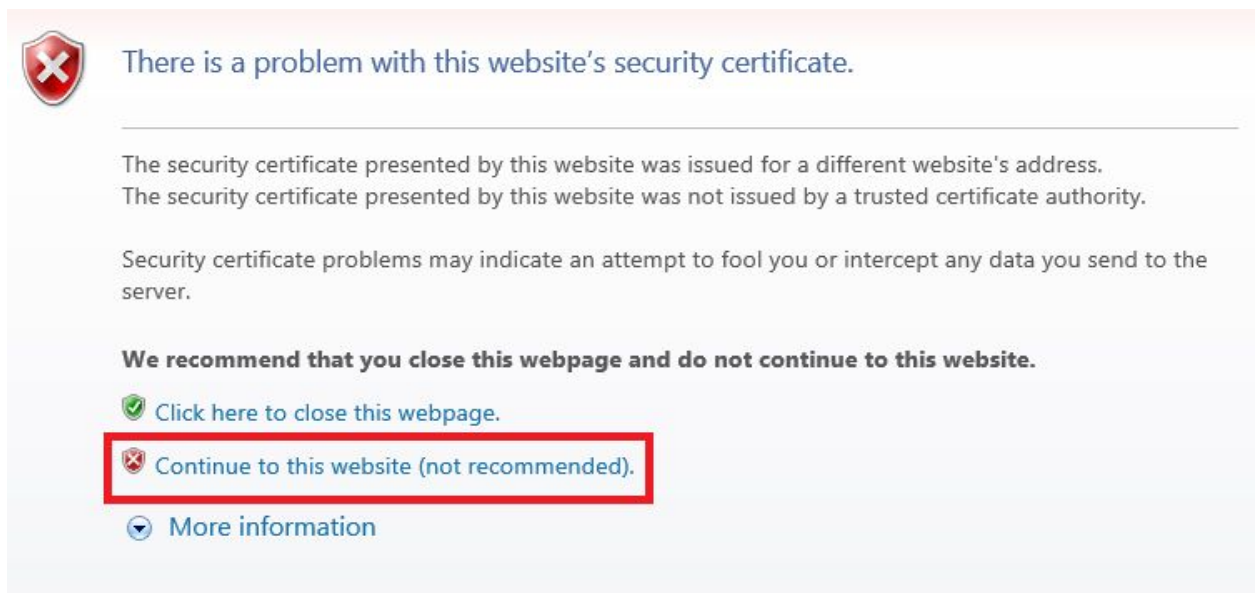4. The desired web page should appear.

Figure B (Firefox) Script

Step #	Test Cycle	Page name/ID*	Action	Expected Result	Observed Result	Pass or Fail	Defect Tracking ID
1		***.pangea.local	Click "Advanced"	Advanced options appear			AF-1
2		***.pangea.local	Click "Add Exception...."	The exception dialog opens			AF-2
3		***.pangea.local	Click "Confirm Security Exception"	The desired web page opens			AF-3

Figure C (Internet Explorer) Instructions

If your screen looked like figure B, follow these steps in Internet Explorer:

1. Click "Continue to this website:"

2. The desired web page should appear.

Figure C (Internet Explorer) Script

Step #	Test Cycle	Page name/ID*	Action	Expected Result	Observed Result	Pass or Fail	Defect Tracking ID
1		***.pangea.local	Click "Continue to this website"	The desired webpage loads			AE-1