

Air Quality Sensor Information

<https://ec2-52-57-230-235.eu-central-1.compute.amazonaws.com:9999/bigiot/access/airqualitydata>

Summary of Alerts

Risk Level	Number of Alerts
High	0
Medium	0
Low	3
Informational	0

Alert Detail

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://ec2-52-57-230-235.eu-central-1.compute.amazonaws.com:9999/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
URL	https://ec2-52-57-230-235.eu-central-1.compute.amazonaws.com:9999/robots.txt
Method	GET
Parameter	X-XSS-Protection
Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	<p>The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it:</p> <p>X-XSS-Protection: 1; mode=block</p> <p>X-XSS-Protection: 1; report=http://www.example.com/xss</p> <p>The following values would disable it:</p> <p>X-XSS-Protection: 0</p> <p>The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit).</p> <p>Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).</p>
Reference	https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/
CWE Id	933
WASC Id	14
Source ID	3

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://ec2-52-57-230-235.eu-central-1.compute.amazonaws.com:9999/bigiot/access/airqualitydata
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content

	type (if one is set), rather than performing MIME-sniffing.
URL	https://ec2-52-57-230-235.eu-central-1.compute.amazonaws.com:9999/bigiot/access/airqualitydata
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	<p>Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages.</p> <p>If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.</p>
Other information	<p>This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type.</p> <p>At "High" threshold this scanner will not alert on client or server error responses.</p>
Reference	<p>http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx</p> <p>https://www.owasp.org/index.php/List_of_useful_HTTP_headers</p>
CWE Id	16
WASC Id	15
Source ID	3

BikesharingAvailabilityServiceProvider_offering

<https://bigiot.provider.vMZ.services:9005/bigiot/access/availablebikesharinginfo>

Summary of Alerts

Risk Level	Number of Alerts
High	0
Medium	0
Low	3
Informational	0

Alert Detail

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://bigiot.provider.vMZ.services:9005/bigiot/access/availablebikesharinginfo
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages. If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.
Other information	This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type. At "High" threshold this scanner will not alert on client or server error responses.
Reference	http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx https://www.owasp.org/index.php/List_of_useful_HTTP_headers
CWE Id	16
WASC Id	15
Source ID	3

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://bigiot.provider.vMZ.services:9005/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
URL	https://bigiot.provider.vMZ.services:9005/robots.txt
Method	GET
Parameter	X-XSS-Protection
Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it: X-XSS-Protection: 1; mode=block X-XSS-Protection: 1; report=http://www.example.com/xss The following values would disable it: X-XSS-Protection: 0 The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit). Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).
Reference	https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/
CWE Id	933

CWE Id	525
WASC Id	14
Source ID	3

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://bigiot.provider.vMZ.services:9005/bigiot/access/availablebikesharinginfo
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

BikesOffering

<https://gibo.fib.upc.edu:50008/bigiot/access/bikes>

Summary of Alerts

Risk Level	Number of Alerts
High	0
Medium	0
Low	3
Informational	0

Alert Detail

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://gibo.fib.upc.edu:50008/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
URL	https://gibo.fib.upc.edu:50008/robots.txt
Method	GET
Parameter	X-XSS-Protection
Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	<p>The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it:</p> <p>X-XSS-Protection: 1; mode=block</p> <p>X-XSS-Protection: 1; report=http://www.example.com/xss</p> <p>The following values would disable it:</p> <p>X-XSS-Protection: 0</p> <p>The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit).</p> <p>Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).</p>
Reference	<p>https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet</p> <p>https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/</p>
CWE Id	933
WASC Id	14
Source ID	3

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://gibo.fib.upc.edu:50008/bigiot/access/bikes
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	<p>Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages.</p> <p>If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.</p>
Other information	<p>This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type.</p> <p>At "High" threshold this scanner will not alert on client or server error responses.</p>
Reference	<p>http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx</p> <p>https://www.owasp.org/index.php/List_of_useful_HTTP_headers</p>
CWE Id	16

CWE Id	525
WASC Id	15
Source ID	3

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://gibo.fib.upc.edu:50008/bigiot/access/bikes
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

Charging Points Offering

<https://gibo.fib.upc.edu:50009/bigiot/access/chargePoints>

Summary of Alerts

Risk Level	Number of Alerts
High	0
Medium	0
Low	3
Informational	0

Alert Detail

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://gibo.fib.upc.edu:50009/bigiot/access/chargePoints
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages. If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.
Other information	This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type. At "High" threshold this scanner will not alert on client or server error responses.
Reference	http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx https://www.owasp.org/index.php/List_of_useful_HTTP_headers
CWE Id	16
WASC Id	15
Source ID	3

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://gibo.fib.upc.edu:50009/bigiot/access/chargePoints
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://gibo.fib.upc.edu:50009/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
URL	https://gibo.fib.upc.edu:50009/robots.txt
Method	GET
Parameter	X-XSS-Protection

Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	<p>The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it:</p> <p>X-XSS-Protection: 1; mode=block</p> <p>X-XSS-Protection: 1; report=http://www.example.com/xss</p> <p>The following values would disable it:</p> <p>X-XSS-Protection: 0</p> <p>The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit).</p> <p>Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).</p>
Reference	<p>https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet</p> <p>https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/</p>
CWE Id	933
WASC Id	14
Source ID	3

EVChargingAvailabilityServiceProvider_offering

<https://bigiot.provider.v mz.services:9003>

Summary of Alerts

Risk Level	Number of Alerts
High	0
Medium	0
Low	3
Informational	0

Alert Detail

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://bigiot.provider.v mz.services:9003/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
URL	https://bigiot.provider.v mz.services:9003/robots.txt
Method	GET
Parameter	X-XSS-Protection
Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	<p>The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it:</p> <p>X-XSS-Protection: 1; mode=block</p> <p>X-XSS-Protection: 1; report=http://www.example.com/xss</p> <p>The following values would disable it:</p> <p>X-XSS-Protection: 0</p> <p>The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit).</p> <p>Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).</p>
Reference	https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/
CWE Id	933
WASC Id	14
Source ID	3

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://bigiot.provider.v mz.services:9003/bigiot/access/availableevcharginginfo
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://bigiot.provider.v mz.services:9003/bigiot/access/availableevcharginginfo

URL	https://bigio.provider.vmz.services:9005/bigio/access/availableevcharginginfo
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	<p>Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages.</p> <p>If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.</p>
Other information	<p>This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type.</p> <p>At "High" threshold this scanner will not alert on client or server error responses.</p>
Reference	<p>http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx</p> <p>https://www.owasp.org/index.php/List_of_useful_HTTP_headers</p>
CWE Id	16
WASC Id	15
Source ID	3

Les Corts Parking All Offering

<https://bigiot.provider.vcz.services:9001/bigiot/access/availableparkinginfo>

Summary of Alerts

Risk Level	Number of Alerts
High	1
Medium	0
Low	3
Informational	0

Alert Detail

High (Medium)	SQL Injection
Description	SQL injection may be possible.
URL	https://gibo.fib.upc.edu:50014/bigiot/access/lescorts-parking-all?query=query+AND+1%3D1+--+
Method	GET
Parameter	query
Attack	query OR 1=1 --
Instances	1
Solution	<p>Do not trust client side input, even if there is client side validation in place.</p> <p>In general, type check all data on the server side.</p> <p>If the application uses JDBC, use PreparedStatement or CallableStatement, with parameters passed by '?'</p> <p>If the application uses ASP, use ADO Command Objects with strong type checking and parameterized queries.</p> <p>If database Stored Procedures can be used, use them.</p> <p>Do *not* concatenate strings into queries in the stored procedure, or use 'exec', 'exec immediate', or equivalent functionality!</p> <p>Do not create dynamic SQL queries using simple string concatenation.</p> <p>Escape all data received from the client.</p> <p>Apply a 'whitelist' of allowed characters, or a 'blacklist' of disallowed characters in user input.</p> <p>Apply the principle of least privilege by using the least privileged database user possible.</p> <p>In particular, avoid using the 'sa' or 'db-owner' database users. This does not eliminate SQL injection, but minimizes its impact.</p> <p>Grant the minimum database access that is necessary for the application.</p>
Other information	<p>The page results were successfully manipulated using the boolean conditions [query AND 1=1 --] and [query OR 1=1 --]</p> <p>The parameter value being modified was stripped from the HTML output for the purposes of the comparison</p> <p>Data was NOT returned for the original parameter.</p> <p>The vulnerability was detected by successfully retrieving more data than originally returned, by manipulating the parameter</p>
Reference	<p>https://www.owasp.org/index.php/Top_10_2010-A1</p> <p>https://www.owasp.org/index.php/SQL_Injection_Prevention_Cheat_Sheet</p>
CWE Id	89
WASC Id	19
Source ID	1

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://gibo.fib.upc.edu:50014/bigiot/access/lescorts-parking-all
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://gibo.fib.upc.edu:50014/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
URL	https://gibo.fib.upc.edu:50014/robots.txt
Method	GET
Parameter	X-XSS-Protection
Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	<p>The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it:</p> <p>X-XSS-Protection: 1; mode=block</p> <p>X-XSS-Protection: 1; report=http://www.example.com/xss</p> <p>The following values would disable it:</p> <p>X-XSS-Protection: 0</p> <p>The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit).</p> <p>Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).</p>
Reference	<p>https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet</p> <p>https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/</p>
CWE Id	933
WASC Id	14
Source ID	3

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://gibo.fib.upc.edu:50014/bigiot/access/lescorts-parking-all
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	<p>Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages.</p> <p>If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.</p>
Other information	<p>This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type.</p> <p>At "High" threshold this scanner will not alert on client or server error responses.</p>
Reference	<p>http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx</p> <p>https://www.owasp.org/index.php/List_of_useful_HTTP_headers</p>
CWE Id	16
WASC Id	15
Source ID	3

Live Bus Location

<https://bigiot.lab.es.aau.dk:19063/bigiot/access/buslocation>

Summary of Alerts

Risk Level	Number of Alerts
High	0
Medium	0
Low	3
Informational	0

Alert Detail

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://bigiot.lab.es.aau.dk:19063/bigiot/access/buslocation
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages. If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.
Other information	This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type. At "High" threshold this scanner will not alert on client or server error responses.
Reference	http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx https://www.owasp.org/index.php/List_of_useful_HTTP_headers
CWE Id	16
WASC Id	15
Source ID	3

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://bigiot.lab.es.aau.dk:19063/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
URL	https://bigiot.lab.es.aau.dk:19063/robots.txt
Method	GET
Parameter	X-XSS-Protection
Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it: X-XSS-Protection: 1; mode=block X-XSS-Protection: 1; report=http://www.example.com/xss The following values would disable it: X-XSS-Protection: 0 The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit). Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).
Reference	https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/
CWE Id	933

CWE Id	508
WASC Id	14
Source ID	3

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://bigiot.lab.es.aau.dk:19063/bigiot/access/buslocation
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

Live Bus Occupancy

<https://bigiot.lab.es.aau.dk:19061/bigiot/access/busoccupancy>

Summary of Alerts

Risk Level	Number of Alerts
High	0
Medium	0
Low	6
Informational	0

Alert Detail

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://bigiot.lab.es.aau.dk:19061/bigiot/access/busoccupancy
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages. If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.
Other information	This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type. At "High" threshold this scanner will not alert on client or server error responses.
Reference	http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx https://www.owasp.org/index.php/List_of_useful_HTTP_headers
CWE Id	16
WASC Id	15
Source ID	3

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://bigiot.lab.es.aau.dk:19061/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
URL	https://bigiot.lab.es.aau.dk:19061/robots.txt
Method	GET
Parameter	X-XSS-Protection
Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it: X-XSS-Protection: 1; mode=block X-XSS-Protection: 1; report=http://www.example.com/xss The following values would disable it: X-XSS-Protection: 0 The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit). Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).
Reference	https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/
CWE Id	933

CWE Id	200
WASC Id	14
Source ID	3

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
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Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://bigiot.lab.es.aau.dk:19061/bigiot/access/busoccupancy
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

Low (Medium)	X-Content-Type-Options Header Missing
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Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://bigiot.lab.es.aau.dk:19063/bigiot/access/buslocation
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages. If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.
Other information	This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type. At "High" threshold this scanner will not alert on client or server error responses.
Reference	http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx https://www.owasp.org/index.php/List_of_useful_HTTP_headers
CWE Id	16
WASC Id	15
Source ID	3

Low (Medium)	Web Browser XSS Protection Not Enabled
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Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://bigiot.lab.es.aau.dk:19063/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
URL	https://bigiot.lab.es.aau.dk:19063/robots.txt
Method	GET
Parameter	X-XSS-Protection
Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it: X-XSS-Protection: 1; mode=block X-XSS-Protection: 1; report=http://www.example.com/xss The following values would disable it: X-XSS-Protection: 0 The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit).

	Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).
Reference	https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/
CWE Id	933
WASC Id	14
Source ID	3

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
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Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://bigiot.lab.es.aau.dk:19063/bigiot/access/buslocation
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

Live People Count In Area

<https://bigiot.lab.es.aau.dk:19063/bigiot/access/buslocation>

Summary of Alerts

Risk Level	Number of Alerts
High	0
Medium	0
Low	3
Informational	0

Alert Detail

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://bigiot.lab.es.aau.dk:19062/bigiot/access/peoplecount
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages. If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.
Other information	This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type. At "High" threshold this scanner will not alert on client or server error responses.
Reference	http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx https://www.owasp.org/index.php/List_of_useful_HTTP_headers
CWE Id	16
WASC Id	15
Source ID	3

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://bigiot.lab.es.aau.dk:19062/robots.txt
Method	GET
Parameter	X-XSS-Protection
URL	https://bigiot.lab.es.aau.dk:19062/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it: X-XSS-Protection: 1; mode=block X-XSS-Protection: 1; report=http://www.example.com/xss The following values would disable it: X-XSS-Protection: 0 The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit). Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).
Reference	https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/
CWE Id	933

CWE Id	525
WASC Id	14
Source ID	3

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://bigiot.lab.es.aau.dk:19062/bigiot/access/peoplecount
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

ParkingAvailabilityServiceProvider_offering

<https://bigiot.provider.vMZ.services:9001/bigiot/access/availableparkinginfo>

Summary of Alerts

Risk Level	Number of Alerts
High	0
Medium	0
Low	3
Informational	0

Alert Detail

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://bigiot.provider.vMZ.services:9001/bigiot/access/availableparkinginfo
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages. If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.
Other information	This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type. At "High" threshold this scanner will not alert on client or server error responses.
Reference	http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx https://www.owasp.org/index.php/List_of_useful_HTTP_headers
CWE Id	16
WASC Id	15
Source ID	3

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://bigiot.provider.vMZ.services:9001/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
URL	https://bigiot.provider.vMZ.services:9001/robots.txt
Method	GET
Parameter	X-XSS-Protection
Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it: X-XSS-Protection: 1; mode=block X-XSS-Protection: 1; report=http://www.example.com/xss The following values would disable it: X-XSS-Protection: 0 The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit). Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).
Reference	https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/
CWE Id	933

CWE Id	508
WASC Id	14
Source ID	3

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://bigiot.provider.vMZ.services:9001/bigiot/access/availableparkinginfo
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

RondesTravelTimeAll

<https://gibo.fib.upc.edu:50013/bigiot/access/rondestraveltime-all>

Summary of Alerts

Risk Level	Number of Alerts
High	0
Medium	0
Low	3
Informational	0

Alert Detail

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://gibo.fib.upc.edu:50013/robots.txt
Method	GET
Parameter	X-XSS-Protection
URL	https://gibo.fib.upc.edu:50013/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	<p>The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it:</p> <p>X-XSS-Protection: 1; mode=block</p> <p>X-XSS-Protection: 1; report=http://www.example.com/xss</p> <p>The following values would disable it:</p> <p>X-XSS-Protection: 0</p> <p>The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit).</p> <p>Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).</p>
Reference	https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/
CWE Id	933
WASC Id	14
Source ID	3

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://gibo.fib.upc.edu:50013/bigiot/access/rondestraveltime-all
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	<p>Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages.</p> <p>If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.</p>
Other information	<p>This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type.</p> <p>At "High" threshold this scanner will not alert on client or server error responses.</p>
Reference	http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx https://www.owasp.org/index.php/List_of_useful_HTTP_headers
CWE Id	16

CWE Id	525
WASC Id	15
Source ID	3

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://gibo.fib.upc.edu:50013/bigiot/access/rondestraveltime-all
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

RondesVectorSpeedAll

<https://gibo.fib.upc.edu:50013/bigiot/access/rondes-vector-speed-all>

Summary of Alerts

Risk Level	Number of Alerts
High	0
Medium	0
Low	3
Informational	0

Alert Detail

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://gibo.fib.upc.edu:50013/bigiot/access/rondes-vector-speed-all
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages. If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.
Other information	This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type. At "High" threshold this scanner will not alert on client or server error responses.
Reference	http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx https://www.owasp.org/index.php/List_of_useful_HTTP_headers
CWE Id	16
WASC Id	15
Source ID	3

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://gibo.fib.upc.edu:50013/bigiot/access/rondes-vector-speed-all
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://gibo.fib.upc.edu:50013/robots.txt
Method	GET
Parameter	X-XSS-Protection
URL	https://gibo.fib.upc.edu:50013/sitemap.xml
Method	GET
Parameter	X-XSS-Protection

Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	<p>The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it:</p> <p>X-XSS-Protection: 1; mode=block</p> <p>X-XSS-Protection: 1; report=http://www.example.com/xss</p> <p>The following values would disable it:</p> <p>X-XSS-Protection: 0</p> <p>The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit).</p> <p>Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).</p>
Reference	<p>https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet</p> <p>https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/</p>
CWE Id	933
WASC Id	14
Source ID	3

RondesVectorTrafficStatusAll

<https://gibo.fib.upc.edu:50013/bigiot/access/rondes-vector-trafficstatus-all>

Summary of Alerts

Risk Level	Number of Alerts
High	0
Medium	0
Low	3
Informational	0

Alert Detail

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://gibo.fib.upc.edu:50013/robots.txt
Method	GET
Parameter	X-XSS-Protection
URL	https://gibo.fib.upc.edu:50013/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	<p>The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it:</p> <p>X-XSS-Protection: 1; mode=block</p> <p>X-XSS-Protection: 1; report=http://www.example.com/xss</p> <p>The following values would disable it:</p> <p>X-XSS-Protection: 0</p> <p>The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit).</p> <p>Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).</p>
Reference	<p>https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet</p> <p>https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/</p>
CWE Id	933
WASC Id	14
Source ID	3

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://gibo.fib.upc.edu:50013/bigiot/access/rondes-vector-trafficstatus-all
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	<p>Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages.</p> <p>If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.</p>
Other information	<p>This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type.</p> <p>At "High" threshold this scanner will not alert on client or server error responses.</p>
Reference	<p>http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx</p> <p>https://www.owasp.org/index.php/List_of_useful_HTTP_headers</p>
CWE Id	16

CWE Id	525
WASC Id	15
Source ID	3

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://gibo.fib.upc.edu:50013/bigiot/access/rondes-vector-trafficstatus-all
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

Set Recommendation Offering

<https://gibo.fib.upc.edu:50015/bigiot/access/set-recommendation>

Summary of Alerts

Risk Level	Number of Alerts
High	0
Medium	0
Low	3
Informational	0

Alert Detail

Low (Medium)	Incomplete or No Cache-control and Pragma HTTP Header Set
Description	The cache-control and pragma HTTP header have not been set properly or are missing allowing the browser and proxies to cache content.
URL	https://gibo.fib.upc.edu:50015/bigiot/access/set-recommendation
Method	GET
Parameter	Cache-Control
Instances	1
Solution	Whenever possible ensure the cache-control HTTP header is set with no-cache, no-store, must-revalidate; and that the pragma HTTP header is set with no-cache.
Reference	https://www.owasp.org/index.php/Session_Management_Cheat_Sheet#Web_Content_Caching
CWE Id	525
WASC Id	13
Source ID	3

Low (Medium)	Web Browser XSS Protection Not Enabled
Description	Web Browser XSS Protection is not enabled, or is disabled by the configuration of the 'X-XSS-Protection' HTTP response header on the web server
URL	https://gibo.fib.upc.edu:50015/robots.txt
Method	GET
Parameter	X-XSS-Protection
URL	https://gibo.fib.upc.edu:50015/sitemap.xml
Method	GET
Parameter	X-XSS-Protection
Instances	2
Solution	Ensure that the web browser's XSS filter is enabled, by setting the X-XSS-Protection HTTP response header to '1'.
Other information	<p>The X-XSS-Protection HTTP response header allows the web server to enable or disable the web browser's XSS protection mechanism. The following values would attempt to enable it:</p> <p>X-XSS-Protection: 1; mode=block</p> <p>X-XSS-Protection: 1; report=http://www.example.com/xss</p> <p>The following values would disable it:</p> <p>X-XSS-Protection: 0</p> <p>The X-XSS-Protection HTTP response header is currently supported on Internet Explorer, Chrome and Safari (WebKit).</p> <p>Note that this alert is only raised if the response body could potentially contain an XSS payload (with a text-based content type, with a non-zero length).</p>
Reference	https://www.owasp.org/index.php/XSS_(Cross_Site_Scripting)_Prevention_Cheat_Sheet
	https://blog.veracode.com/2014/03/guidelines-for-setting-security-headers/
CWE Id	933
WASC Id	14
Source ID	3

Low (Medium)	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	https://gibo.fib.upc.edu:50015/bigiot/access/set-recommendation

URL	https://github.ibm.apc.edu:50015/big10w/access/set-recommendation
Method	GET
Parameter	X-Content-Type-Options
Instances	1
Solution	<p>Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages.</p> <p>If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.</p>
Other information	<p>This issue still applies to error type pages (401, 403, 500, etc) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type.</p> <p>At "High" threshold this scanner will not alert on client or server error responses.</p>
Reference	<p>http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx</p> <p>https://www.owasp.org/index.php/List_of_useful_HTTP_headers</p>
CWE Id	16
WASC Id	15
Source ID	3