Report

Summaries

Alert counts by risk and confidence

This table shows the number of alerts for each level of risk and confidence included in the report.

(The percentages in brackets represent the count as a percentage of the total number of alerts included in the report, rounded to one decimal place.)

		Confidence				
		User Confirmed	**High**	**Medium**	**Low**	**Total**
Risk	**High**	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
	Medium	0 (0.0%)	0 (0.0%)	3 (50.0%)	0 (0.0%)	3 (50.0%)
	Low	0 (0.0%)	0 (0.0%)	2 (33.3%)	0 (0.0%)	2 (33.3%)
	Informational	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (16.7%)	1 (16.7%)
	Total	0 (0.0%)	0 (0.0%)	5 (83.3%)	1 (16.7%)	6 (100%)

Alert counts by site and risk

This table shows, for each site for which one or more alerts were raised, the number of alerts raised at each risk level.

Alerts with a confidence level of "False Positive" have been excluded from these counts.

(The numbers in brackets are the number of alerts raised for the site at or above that risk level.)

		Risk			
		High (= High)	**Medium (>= Medium)**	**Low (>= Low)**	**Informational (>= Informational)**
Site	**http://zero.webapps ecurity.com**	0 (0)	3 (3)	2 (5)	1 (6)

Alert counts by alert type

This table shows the number of alerts of each alert type, together with the alert type's risk level.

(The percentages in brackets represent each count as a percentage, rounded to one decimal place, of the total number of alerts included in this report.)

Alert type	Risk	Count
Cross-Domain Misconfiguration	Medium	15 (250.0%)
Missing Anti-clickjacking Header	Medium	4 (66.7%)
Vulnerable JS Library	Medium	1 (16.7%)
Absence of Anti-CSRF Tokens	Low	4 (66.7%)
X-Content-Type-Options Header Missing	Low	13 (216.7%)
Information Disclosure - Suspicious Comments	Informational	3 (50.0%)
Total		6

Alerts

Risk=Medium, Confidence=Medium (3)

http://zero.webappsecurity.com (3)

Cross-Domain Misconfiguration (1)

▶ GET http://zero.webappsecurity.com/

Missing Anti-clickjacking Header (1)

▶ GET http://zero.webappsecurity.com/

Vulnerable JS Library (1)

▶ GET http://zero.webappsecurity.com/resources/js/jquery-1.8.2.min.js

Risk=Low, Confidence=Medium (2)

http://zero.webappsecurity.com (2)

Absence of Anti-CSRF Tokens (1)

▶ GET http://zero.webappsecurity.com/

X-Content-Type-Options Header Missing (1)

▶ GET http://zero.webappsecurity.com/

Risk=Informational, Confidence=Low (1)

http://zero.webappsecurity.com (1)

Information Disclosure - Suspicious Comments(1)

▶ GET http://zero.webappsecurity.com/resources/js/jquery-1.8.2.min.js

Appendix

Alert types

This section contains additional information on the types of alerts in the report.

Cross-Domain Misconfiguration

Source	raised by a passive scanner (Cross-Domain Misconfiguration)
CWE ID	264
WASC ID	14
Reference	▪ https://vulncat.fortify.com/en/detail?id=desc.config.dotnet.html5_overly_permissive_cors_policy

Missing Anti-clickjacking Header

Source	raised by a passive scanner (Anti-clickjacking Header)
CWE ID	1021
WASC ID	15
Reference	▪ https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/X-Frame-Options

Vulnerable JS Library

Source	raised by a passive scanner (Vulnerable JS Library)
CWE ID	829

Reference

- https://nvd.nist.gov/vuln/detail/CVE-2012-6708
- https://github.com/jquery/jquery/issues/2432
- http://research.insecurelabs.org/jquery/test/
- http://blog.jquery.com/2016/01/08/jquery-2-2-and-1-12-released/
- http://bugs.jquery.com/ticket/11290
- https://blog.jquery.com/2019/04/10/jquery-3-4-0-released/
- https://nvd.nist.gov/vuln/detail/CVE-2019-11358
- https://nvd.nist.gov/vuln/detail/CVE-2015-9251
- https://github.com/jquery/jquery/commit/753d591aea698e57d6db58c9f722cd0808619b1b
- https://bugs.jquery.com/ticket/11974
- https://blog.jquery.com/2020/04/10/jquery-3-5-0released/

Absence of Anti-CSRF Tokens

Source raised by a passive scanner (Absence of Anti-CSRF Tokens)

CWE ID 352
WASC ID 9

Reference

- http://projects.webappsec.org/Cross-Site-Request-Forgery
- http://cwe.mitre.org/data/definitions/352.html

X-Content-Type-Options Header Missing

Source raised by a passive scanner (X-Content-Type-Options Header Missing)

CWE ID 693

WASC ID 15

Reference

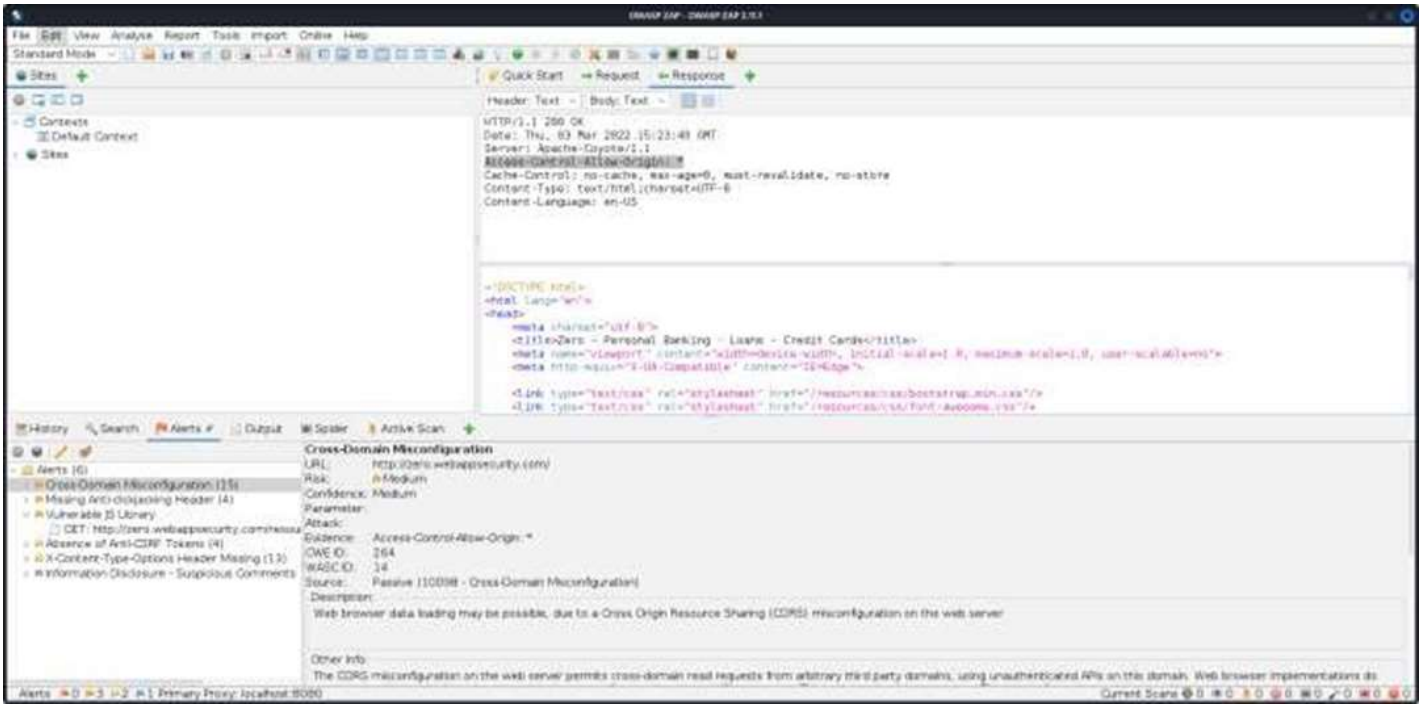
- http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx
- https://owasp.org/www-community/Security_Headers

Information Disclosure - Suspicious Comments

Source raised by a passive scanner (Information Disclosure - Suspicious Comments)

CWE ID 200

WASC ID 13



```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="utf-8">

    <title>Zero - Personal Banking - Loans - Credit Cards</title>

    <meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=no">

    <meta http-equiv="X-UA-Compatible" content="IE=Edge">



    <link type="text/css" rel="stylesheet" href="/resources/css/bootstrap.min.css"/>

    <link type="text/css" rel="stylesheet" href="/resources/css/fontawesome.css"/>

    <link type="text/css" rel="stylesheet" href="/resources/css/main.css"/>



    <script src="/resources/js/jquery-1.8.2.min.js"></script>

        <script src="/resources/js/bootstrap.min.js"></script>



    <script src="/resources/js/placeholders.min.js"></script>

    <script type="text/javascript">

        Placeholders.init({

            live: true, // Apply to future and modified elements too

            hideOnFocus: true // Hide the placeholder when the element receives focus

        });
```

```
    </script>
    <script type="text/javascript">
        $(document).ajaxError(function errorHandler(event, xhr, ajaxOptions, thrownError) {
            if (xhr.status == 403) {
                window.location.reload();
            }
        });
    </script>
</head>
<body>
    <div class="wrapper">
    <div class="navbar navbar-fixed-top">
        <div class="navbar-inner">
            <div class="container">
                <a href="/index.html" class="brand">Zero Bank</a>

                <div>
                    <ul class="nav float-right">
                        <li>    <form action="/search.html"
          class="navbar-search pull-right" style="padding-right: 20px">
        <input type="text" id="searchTerm" name="searchTerm" class="searchquery" placeholder="Search"/>
```

```
    </form>
</li>
                    <li>
                        <button id="signin_button" type="button" class="signin btn btn-info">
                            <i class="icon-signin"></i>Signin
                        </button>
                    </li>
                </ul>
            </div>
        </div>
    </div>

    <script type="text/javascript">
        $(function() {
            var path = "/";

            $("#signin_button").click(function(event) {
                event.preventDefault();
                window.location.href = path + "login" + ".html";
            });
```

```
        });
    </script>

        <div class="container">
            <div class="top_offset">
                <div class="row">
    <div class="span12">
        <div id="nav" class="clearfix">
            <ul id="pages-nav">
                <li id="homeMenu"><div><strong>Home</strong></div></li>
                <li id="onlineBankingMenu"><div><strong>Online
Banking</strong></div></li>
                <li id="feedback"><div><strong>Feedback</strong></div></li>
            </ul>
        </div>
    </div>

    <script type="text/javascript">
        $(function () {
            var path = "/";

            var featureIdToName = {
```

```
    "index": "homeMenu",
    "online-banking": "onlineBankingMenu",
    "feedback": "feedback"
};

if (document.location.href.match(".*" + path + "$") != null) {
    $("#homeMenu").addClass("active");
} else {
    $.each(featureIdToName, function(featureId, featureName) {
        if (document.location.href.indexOf(featureId + ".html") >= 0) {
            $("#" + featureName).addClass("active");
        }
    });
}

$.each(featureIdToName, function(featureId, featureName) {
    $("#nav").on("click", "li[id='" + featureName + "']", function(event) {
        event.preventDefault();
        window.location.href = path + featureId + ".html";
    });
});
```

```
    });
  </script>

            </div>


<div class="row">

  <div class="span12">

    <div id="carousel" class="carousel slide">

      <div class="carousel-inner">

        <div class="active item">

          <img src="/resources/img/main_carousel_1.jpg" width="940" height="401" alt=""/>

          <div class="custom carousel-caption">

            <h4>Online Banking</h4>

            <p>Welcome to Zero Online Banking. Zero provides a greener and more convenient way to manage your money. Zero enables you to check your account balances, pay your bills, transfer money, and  keep detailed records of your transactions,  wherever there is an internet connection.</p>

          </div>

        </div>

        <div class="item">

          <img src="/resources/img/main_carousel_2.jpg" width="940" height="401" alt=""/>

          <div class="custom carousel-caption">

            <h4>Online Banking</h4>

            <p>Welcome to Zero Online Banking. Zero provides a greener and more convenient way to manage your money. Zero enables you to check your account balances, pay your bills, transfer money, and  keep detailed records of your transactions,  wherever there is an internet connection.</p>
```

```
            </div>
          </div>
          <div class="item">
            <img src="/resources/img/main_carousel_3.jpg" width="940" height="401" alt=""/>
            <div class="custom carousel-caption">
              <h4>Online Banking</h4>
              <p>Welcome to Zero Online Banking. Zero provides a greener and more convenient way to manage your money. Zero enables you to check your account balances, pay your bills, transfer money, and  keep detailed records of your transactions,  wherever there is an internet connection.</p>
            </div>
          </div>
        </div>
        <a class="carousel-control custom left" href="#carousel" dataslide="prev">&lsaquo;</a>
        <a class="carousel-control custom right" href="#carousel" dataslide="next">&rsaquo;</a>
      </div>
    </div>
</div>

<hr class="row-divider"/>

<div id="online_banking_features" class="row divider">
    <div class="span3">
```

```
        <h4><i class="icon icon-bookmark"></i> Online Banking</h4>

         <p>Click the button below to view  online banking features.</p>

        <a id="online-banking" class="btn btn-small btn-info">More Services</a>

    </div>

    <div class="span3">

        <div>

            <h4><span class="headers" id="account_activity_link"><i class="icon icon-user"></i>Checking Account Activity</span></h4>

            <p>Use Zero to view the most up-to-date listings of your deposits, withdrawals, interest payments, and a number of other useful transactions.

            </p>

        </div>

    </div>

    <div class="span3">

        <div>

            <h4><span class="headers" id="transfer_funds_link"><i class="icon icon-random"></i>Transfer Funds</span></h4>

            <p>Use Zero to safely and securely transfer funds between accounts. There is no hold placed on online money transfers, so your funds are available when you need them.

            </p>

        </div>

    </div>

    <div class="span3">
```

```
        <div>

            <h4><span class="headers" id="money_map_link"><i class="icon iconlist-alt"></i>My Money Map</span></h4>

             <p>Use Zero to set up and monitor your personalized money map. A money map is an easy-to-use online tool that helps you manage your finances efficiently. With Money Map, you can create a budget, sort your finances into spending and savings categories,  check the interest your accounts are earning, and gain new understanding of your patterns with the help of Zero’s clear charts and graphs.

             </p>

        </div>

    </div>

</div>



<script type="text/javascript">

    $(function() {

        $("#carousel").carousel({ interval: false });



        $("div").on("click", "a[id='online-banking']", function(event){

            event.preventDefault();

            window.location.href = "/" + "online-banking" + ".html";

        });


        var path = "/bank/";

        var featureIdToName = {

            "account_activity_link": "account-activity",
```

```
            "transfer_funds_link": "transfer-funds",
            "money_map_link": "money-map"
        }
        $.each(featureIdToName, function(featureId, featureName) {
            $("#online_banking_features").on("click", "span[id='" + featureId + "']", function(event) {
                event.preventDefault();
                window.location.href = path + featureName +".html";
            });
        });
    });
</script>
            </div>
        </div>

        <div class="clearfix push"></div>
    </div>

<div class="extra">
    <div class="extra-inner">
        <div class="container">
            <div class="row">
```

```
            <div class="span4">

                <ul>

                    <li><span id="download_webinspect_link">Download
WebInspect</span></li>

                </ul>

            </div>


            <div class="span4">

                <ul>

                    <li><span id="terms_of_use_link">Terms of Use</span></li>

                </ul>

            </div>


            <div class="span4">

                <ul>

                    <li><span id="contact_hp_link">Contact Micro Focus</span></li>

                    <li><span id="privacy_statement_link">Privacy
Statement</span></li>


                </ul>
            </div>

        </div>
```

The Free Online Bank Web site is published by Micro Focus Fortify for the sole purpose of demonstrating

the functionality and effectiveness of Micro Focus Fortify’s WebInspect products in detecting and reporting

Web application vulnerabilities. This site is not a real banking site and any similarities to third party products

and/or Web sites are purely coincidental. This site is provided "as is" without warranty of any kind,

either express or implied. Micro Focus Fortify does not assume any risk in relation to your use of this Web site.

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https://www.microfocus.com/about/legal/#privacy

and Micro Focus Fortify’s Online Privacy Statement found at

https://www.microfocus.com/about/legal/#privacy.


```
    </div>
</div>

<script type="text/javascript">
    $(function () {
        var path = "/";

        var attachClickHandler = function(selector, handler) {
$(".extra").on('click', selector, handler);
        }

        var footerLinks = {
            "download_webinspect_link": { absolute: true, page:
"https://software.microfocus.com/en-us/products/webinspect-dynamicanalysis-dast/overview" },
            "contact_hp_link" : { absolute: true, page: "https://support.fortify.com"
},
            "privacy_statement_link": { absolute: true, page:
"https://www.microfocus.com/about/legal/#privacy" },
            "terms_of_use_link": { absolute: true, page:
"https://www.microfocus.com/about/legal/" }
        };

        $.each(footerLinks, function(linkId, link) {
            attachClickHandler('span[id="' + linkId + '"]', function(event) {
```

```
            event.preventDefault();
            if (link.absolute) {
                window.location.href = link.page;
            } else {
                window.location.href = path + link.page + ".html";
            }
        });
    });
});
</script>
</body>
</html>
```