

Please confirm if you finished the recommendations that related to your system.

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| Unencrypted __VIEWSTATE Parameter | Open Web.Config and add the following line under the <system.web> element: <machineKey validation="AES"/> | https://www.acunetix.com/vulnerabilities/web/unencrypted-__viewstate-parameter/ | https://projectsappservice.azurewebsites.net/New/Login.aspx |
| Vulnerable Javascript Library | Upgrade to the latest stable version of Javascript library. | https://nvd.nist.gov/vuln/detail/CVE-2019-11358 https://www.securityfocus.com/bid/108023 https://access.redhat.com/security/cve/CVE-2019-11358 | https://projectsappservice.azurewebsites.net/New/vendor/ |
| Web Server Error Page Information Disclosure | Modify the web server to not disclose detailed information about the underlying web server or use a custom error page instead. | https://docs.microsoft.com/en-us/previous-versions/dotnet/netframework-3.0/h0hfz6fc(v=vs.85) https://www.acunetix.com/blog/articles/configure-web-server-disclose-identity/ https://www.owasp.org/index.php/Improper_Error_Handling | https://projectsappservice.azurewebsites.net/ Example: https://projectsappservice.azurewebsites.net:443/ Example: https://projectsappservice.azurewebsites.net:443/ Example: https://projectsappservice.azurewebsites.net:443/ |
| Insecure Inline Frame (iframe) | Review the iframe's purpose and environment, and use the sandbox attribute to secure the iframe while applying sandbox directives to ease security restrictions if necessary. | https://www.acunetix.com/vulnerabilities/web/insecure-inline-frame-iframe/ https://developer.mozilla.org/en-US/docs/Web/HTML/Element/iframe | https://projectsappservice.azurewebsites.net/assets/vendor/ |
| Login Page Password-Guessing Attack | It is recommended to implement some type of account lockout after a defined number of incorrect password attempts. Also it is recommended to: - Use a strong CAPTCHA like Google reCAPTCHA for more security. - Use multifactor authentication method for accessing the accounts. | https://www.owasp.org/index.php/Blocking_Brute_Force_Attacks | https://projectsappservice.azurewebsites.net/New/Login.aspx |
| HTTP OPTIONS Method Enabled | It is recommended to disable OPTIONS method on the web server. | https://www.valencynetworks.com/kb/how-to-disable-options-method-vulnerability.html | https://projectsappservice.azurewebsites.net/ |
| Web Server Allows Password Auto-Completion | Add the attribute 'autocomplete=off' to these fields to prevent browsers from caching credentials. | https://portswigger.net/kb/issues/00500800_password-field-with-autocomplete-enabled | https://projectsappservice.azurewebsites.net/New/Login.aspx |
| Possible Sensitive Directories | Restrict access to these directories or remove them and any unwanted directories from the website. | https://www.acunetix.com/websitesecurity/webserver-security/ https://www.technology.pitt.edu/security/disclosure-sensitive-information | https://projectsappservice.azurewebsites.net/ Example URLs: https://projectsappservice.azurewebsites.net:443/assessform/docs/layouts/ |
| Server Information Header Exposed | The server should be configured to remove unwanted HTTP response headers from the response. | https://www.acunetix.com/blog/articles/configure-web-server-disclose-identity/ | https://projectsappservice.azurewebsites.net/ https://mobile.gpf.gov.kw/api/ |
| X-Powered-By Header Exposed | The server configuration should be changed | https://www.acunetix.com/blog/articles/configure-web-server-disclose-identity/ | https://projectsappservice.azurewebsites.net/ |

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| | to remove this header. | | |
| ASP.NET Version Disclosure | Apply the following changes to the web.config file to prevent ASP.NET version disclosure: | http://msdn.microsoft.com/en-us/library/system.web.configuration.httpruntimesection.enableversionheader.aspx https://www.netsparker.com/web-vulnerability-scanner/vulnerabilities/version-disclosure-aspnet/ | https://projectsappservice.azurewebsites.net/ |
| Clickjacking: X-Frame-Options Header Missing | Configure your web server to include an X-Frame-Options header and a CSP header with frame-ancestors directive | https://developer.mozilla.org/en-US/docs/HTTP/X-Frame-Options https://www.owasp.org/index.php/Clickjacking https://www.netsparker.com/web-vulnerability-scanner/vulnerabilities/missing-x-frame-options-header/ | https://projectsappservice.azurewebsites.net/ |
| Missing HTTP Security Headers (X-XSS-Protection) | We recommend setting the X-XSS-Protection header to "X-XSS-Protection: 1; mode=block" | https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/X-XSS-Protection | https://projectsappservice.azurewebsites.net/ |
| Missing HTTP Security Headers (X-Content-Type-Options) | We recommend setting the X-Content-Type-Options header to "X-Content-Type-Options: nosniff". | https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/X-Content-Type-Options | https://projectsappservice.azurewebsites.net/ |
| Missing HTTP Security Headers (Content-Security-Policy) | It is recommended to implement Content Security Policy (CSP) into your web application. Configuring Content Security Policy involves adding the Content-Security-Policy HTTP header to a web page and giving it values to control resources the user agent is allowed to load for that page. | https://developer.mozilla.org/en-US/docs/Web/HTTP/CSP https://hacks.mozilla.org/2016/02/implementing-content-security-policy/ | https://projectsappservice.azurewebsites.net/ |
| Missing HTTP Security Headers (Referrer-Policy) | <ul style="list-style-type: none"> - You should use POST rather than GET wherever possible, to avoid passing sensitive data to other locations via URLs. - You should always use HTTPS for your sites. - You should consider removing any third-party content (e.g. social networking widgets embedded in) from secure areas of your website, like password reset pages, payment forms, login areas, etc. - The Referrer-Policy header on your server to control what information is sent through the Referrer header | https://developer.mozilla.org/en-US/docs/Web/Security/Referer_header:_privacy_and_security_concerns https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Referrer-Policy | https://projectsappservice.azurewebsites.net/ |
| Missing HTTP Security Headers (Feature-Policy) | We recommend using the Feature-Policy header to control and restrict what APIs the site | https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Feature-Policy https://developer.mozilla.org/en-US/docs/Web/HTTP/Feature_Policy | https://projectsappservice.azurewebsites.net/ |

| | can access or modify the browser's default behavior for certain features. | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|--|---|------|-------|--------|-------------------|----------------------|--------------------------------------|-------------|---------------------|--------------------------------------|---------------------|---------------------|--------------------------------------|------|-------|--------|-------------|---------------------------|-------------------|---------------------|---------------------------|-------------------|
| Cookie(s) without Secure Flag Set | If possible, you should set the Secure flag for this cookie. | https://portswigger.net/kb/issues/00500200_ssl-cookie-without-secure-flag-set | https://projectsappservice.azurewebsites.net/New/Login.aspx URL: https://projectsappservice.azurewebsites.net:443/New/Login.aspx Parameter: ASP.NET_SessionId <table><tr><th>Name</th><th>Value</th><th>Domain</th></tr><tr><td>ASP.NET_SessionId</td><td>t4a4nfmujaoj5tqb0...</td><td>projectsappservice.azurewebsites.net</td></tr><tr><td>ARRAffinity</td><td>46201cce6dc08b0e...</td><td>projectsappservice.azurewebsites.net</td></tr><tr><td>ARRAffinitySameSite</td><td>46201cce6dc08b0e...</td><td>projectsappservice.azurewebsites.net</td></tr></table> | Name | Value | Domain | ASP.NET_SessionId | t4a4nfmujaoj5tqb0... | projectsappservice.azurewebsites.net | ARRAffinity | 46201cce6dc08b0e... | projectsappservice.azurewebsites.net | ARRAffinitySameSite | 46201cce6dc08b0e... | projectsappservice.azurewebsites.net | | | | | | | | | |
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| Cookie(s) without SameSite Flag Set | <p>The server can set a same-site cookie by adding the SameSite=... attribute to the Set-Cookie header:</p> <p>Set-Cookie: key=value; SameSite=strict</p> <p>There are two possible values for the same-site attribute:</p> <ul style="list-style-type: none">• Lax• Strict <p>In the strict mode, the cookie is not sent with any cross-site usage even if the user follows a link to another website. Lax cookies are only sent with a top-level get request. If the cookie contains sensitive information, then the server should ensure that the cookie has the SameSite flag set. If set, it can help in preventing Cross-Site Request Forgery (CSRF) attacks</p> | https://www.tenable.com/plugins/was/115540 https://www.netsparker.com/web-vulnerability-scanner/vulnerabilities/samesite-cookie-not-implemented/ | https://projectsappservice.azurewebsites.net/New/Login.aspx https://mobile.gpf.gov.kw/api/ URL: https://projectsappservice.azurewebsites.net:443/New/Login.aspx Parameter: ARRAffinity, ARRAffinitySameSite <table><tr><th>Name</th><th>Value</th><th>Domain</th></tr><tr><td>ASP.NET_SessionId</td><td>t4a4nfmujaoj5tqb0...</td><td>projectsappservice.azurewebsites.net</td></tr><tr><td>ARRAffinity</td><td>46201cce6dc08b0e...</td><td>projectsappservice.azurewebsites.net</td></tr><tr><td>ARRAffinitySameSite</td><td>46201cce6dc08b0e...</td><td>projectsappservice.azurewebsites.net</td></tr></table> URL: https://mobile.gpf.gov.kw:443/api/ Parameter: ARRAffinity, ARRAffinitySameSite <table><tr><th>Name</th><th>Value</th><th>Domain</th></tr><tr><td>ARRAffinity</td><td>a051a2c8df33c861a767ef...</td><td>mobile.gpf.gov.kw</td></tr><tr><td>ARRAffinitySameSite</td><td>a051a2c8df33c861a767ef...</td><td>mobile.gpf.gov.kw</td></tr></table> | Name | Value | Domain | ASP.NET_SessionId | t4a4nfmujaoj5tqb0... | projectsappservice.azurewebsites.net | ARRAffinity | 46201cce6dc08b0e... | projectsappservice.azurewebsites.net | ARRAffinitySameSite | 46201cce6dc08b0e... | projectsappservice.azurewebsites.net | Name | Value | Domain | ARRAffinity | a051a2c8df33c861a767ef... | mobile.gpf.gov.kw | ARRAffinitySameSite | a051a2c8df33c861a767ef... | mobile.gpf.gov.kw |
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| ARRAffinitySameSite | 46201cce6dc08b0e... | projectsappservice.azurewebsites.net | | | | | | | | | | | | | | | | | | | | | | |
| Name | Value | Domain | | | | | | | | | | | | | | | | | | | | | | |
| ARRAffinity | a051a2c8df33c861a767ef... | mobile.gpf.gov.kw | | | | | | | | | | | | | | | | | | | | | | |
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