



# Semgrep SAST Scan Report for Repository: Semgrep-Demo/go-app

Report Generated at 2024-09-04 21:52

## SAST Scan Summary

Vulnerability Severity	Vulnerability Count
<a href="#">Findings- SAST High Severity</a>	10
<a href="#">Findings- SAST Medium Severity</a>	60
<a href="#">Findings- SAST Low Severity</a>	0

## Findings Summary- High Severity

Finding Title	Finding Description & Remediation	severity	status	ref	location
<a href="#">remote-property-injection</a>	Bracket object notation with user input is present, this might allow an attacker to access all properties of the object and even it's prototype. Use literal values for object properties.	high	open	main	<a href="#">public/js/jquery-3.2.1-min.js#L4</a>
<a href="#">gosql-sqli</a>	Detected string concatenation with a non-literal variable in a "database/sql" Go SQL statement. This could lead to SQL injection if the variable is user-controlled and not properly sanitized. In order to prevent SQL injection, use parameterized queries or prepared statements instead. You can use prepared statements with the 'Prepare' and 'PrepareContext' calls.	high	open	main	<a href="#">util/database/database.go#L24</a>
<a href="#">var-in-script-tag</a>	Detected a template variable used in a script tag. Although template variables are HTML escaped, HTML escaping does not always prevent cross-site scripting (XSS) attacks when used directly in JavaScript. If you need this data on the rendered page, consider placing it in the HTML portion (outside of a script tag). Alternatively, use a JavaScript-specific encoder, such as the one available in OWASP ESAPI. For Django, you may also consider using the 'json_script' template tag and retrieving the data in your script by using the element ID (e.g., `document.getElementById`).	high	open	main	<a href="#">templates/template.header.html#L13</a>
<a href="#">var-in-script-tag</a>	Detected a template variable used in a script tag. Although template variables are HTML escaped, HTML escaping does not always prevent cross-site scripting (XSS) attacks when used directly in JavaScript. If you need this data on the rendered page, consider placing it in the HTML portion (outside of a script tag). Alternatively, use a JavaScript-specific encoder, such as the one available in OWASP ESAPI. For Django, you may also consider using the 'json_script' template	high	open	main	<a href="#">templates/template.header.html#L14</a>

Finding Title	Finding Description & Remediation	severity	status	ref	location
	tag and retrieving the data in your script by using the element ID (e.g., `document.getElementById`).				
<a href="#">err-nil-check</a>	superfluous nil err check before return	high	open	main	<a href="#">setup/function.go#L58</a>
<a href="#">err-nil-check</a>	superfluous nil err check before return	high	open	main	<a href="#">setup/function.go#L74</a>
<a href="#">err-nil-check</a>	superfluous nil err check before return	high	open	main	<a href="#">vulnerability/idor/function.go#L50</a>
<a href="#">err-nil-check</a>	superfluous nil err check before return	high	open	main	<a href="#">vulnerability/idor/function.go#L76</a>
<a href="#">err-nil-check</a>	superfluous nil err check before return	high	open	main	<a href="#">vulnerability/sqli/function.go#L76</a>
<a href="#">deprecated-ioutil-readfile</a>	ioutil.ReadFile is deprecated	high	open	main	<a href="#">util/config/config.go#L24</a>

## Findings Summary- Medium Severity

Finding Title	Finding Description & Remediation	severity	status	ref	location
<a href="#">session-cookie-missing-httponly</a>	A session cookie was detected without setting the 'HttpOnly' flag. The 'HttpOnly' flag for cookies instructs the browser to forbid client-side scripts from reading the cookie which mitigates XSS attacks. Set the 'HttpOnly' flag by setting 'HttpOnly' to 'true' in the Options struct.	medium	open	main	<a href="#">user/session/session.go#L28</a>
<a href="#">session-cookie-missing-httponly</a>	A session cookie was detected without setting the 'HttpOnly' flag. The 'HttpOnly' flag for cookies instructs the browser to forbid client-side scripts from reading the cookie which mitigates XSS attacks. Set the 'HttpOnly' flag by setting 'HttpOnly' to 'true' in the Options struct.	medium	open	main	<a href="#">user/session/session.go#L67</a>
<a href="#">session-cookie-missing-secure</a>	A session cookie was detected without setting the 'Secure' flag. The 'secure' flag for cookies prevents the client from transmitting the cookie over insecure channels such as HTTP. Set the 'Secure' flag by setting 'Secure' to 'true' in the Options struct.	medium	open	main	<a href="#">user/session/session.go#L28</a>
<a href="#">session-cookie-missing-secure</a>	A session cookie was detected without setting the 'Secure' flag. The 'secure' flag for cookies prevents the client from transmitting the cookie over insecure channels such as HTTP. Set the 'Secure' flag by setting 'Secure' to 'true' in the Options struct.	medium	open	main	<a href="#">user/session/session.go#L67</a>
<a href="#">use-of-md5</a>	Detected MD5 hash algorithm which is considered insecure. MD5 is not collision resistant and is therefore not suitable as a cryptographic signature. Use SHA256 or SHA3 instead.	medium	open	main	<a href="#">user/user.go#L160</a>
<a href="#">use-of-md5</a>	Detected MD5 hash algorithm which is considered insecure. MD5 is not collision resistant and is therefore not	medium	open	main	<a href="#">vulnerability/csa/csa.go#L62</a>

Finding Title	Finding Description & Remediation	severity	status	ref	location
	suitable as a cryptographic signature. Use SHA256 or SHA3 instead.				
<a href="#">use-of-md5</a>	Detected MD5 hash algorithm which is considered insecure. MD5 is not collision resistant and is therefore not suitable as a cryptographic signature. Use SHA256 or SHA3 instead.	medium	open	main	<a href="#">vulnerability/idor/idor.go#L164</a>
<a href="#">string-formatted-query</a>	String-formatted SQL query detected. This could lead to SQL injection if the string is not sanitized properly. Audit this call to ensure the SQL is not manipulable by external data.	medium	open	main	<a href="#">util/database/database.go#L24</a>
<a href="#">string-formatted-query</a>	String-formatted SQL query detected. This could lead to SQL injection if the string is not sanitized properly. Audit this call to ensure the SQL is not manipulable by external data.	medium	open	main	<a href="#">vulnerability/sqli/function.go#L37</a>
<a href="#">cookie-missing-httponly</a>	A session cookie was detected without setting the 'HttpOnly' flag. The 'HttpOnly' flag for cookies instructs the browser to forbid client-side scripts from reading the cookie which mitigates XSS attacks. Set the 'HttpOnly' flag by setting 'HttpOnly' to 'true' in the Cookie.	medium	open	main	<a href="#">util/cookie.go#L32</a>
<a href="#">cookie-missing-httponly</a>	A session cookie was detected without setting the 'HttpOnly' flag. The 'HttpOnly' flag for cookies instructs the browser to forbid client-side scripts from reading the cookie which mitigates XSS attacks. Set the 'HttpOnly' flag by setting 'HttpOnly' to 'true' in the Cookie.	medium	open	main	<a href="#">util/cookie.go#L48</a>
<a href="#">cookie-missing-secure</a>	A session cookie was detected without setting the 'Secure' flag. The 'secure' flag for cookies prevents the client from transmitting the cookie over insecure channels such as HTTP. Set the 'Secure' flag by setting 'Secure' to 'true' in the Options struct.	medium	open	main	<a href="#">util/cookie.go#L32</a>

Finding Title	Finding Description & Remediation	severity	status	ref	location
<a href="#">cookie-missing-secure</a>	A session cookie was detected without setting the 'Secure' flag. The 'secure' flag for cookies prevents the client from transmitting the cookie over insecure channels such as HTTP. Set the 'Secure' flag by setting 'Secure' to 'true' in the Options struct.	medium	open	main	<a href="#">util/cookie.go#L48</a>
<a href="#">formatted-template-string</a>	Found a formatted template string passed to 'template.HTML()'. 'template.HTML()' does not escape contents. Be absolutely sure there is no user-controlled data in this template. If user data can reach this template, you may have a XSS vulnerability.	medium	open	main	<a href="#">vulnerability/xss/xss.go#L52</a>
<a href="#">formatted-template-string</a>	Found a formatted template string passed to 'template.HTML()'. 'template.HTML()' does not escape contents. Be absolutely sure there is no user-controlled data in this template. If user data can reach this template, you may have a XSS vulnerability.	medium	open	main	<a href="#">vulnerability/xss/xss.go#L53</a>
<a href="#">formatted-template-string</a>	Found a formatted template string passed to 'template.HTML()'. 'template.HTML()' does not escape contents. Be absolutely sure there is no user-controlled data in this template. If user data can reach this template, you may have a XSS vulnerability.	medium	open	main	<a href="#">vulnerability/xss/xss.go#L61</a>
<a href="#">formatted-template-string</a>	Found a formatted template string passed to 'template.HTML()'. 'template.HTML()' does not escape contents. Be absolutely sure there is no user-controlled data in this template. If user data can reach this template, you may have a XSS vulnerability.	medium	open	main	<a href="#">vulnerability/xss/xss.go#L96</a>
<a href="#">no-direct-write-to-responsewriter</a>	Detected directly writing or similar in 'http.ResponseWriter.write()'. This bypasses HTML escaping that prevents cross-site scripting vulnerabilities.	medium	open	main	<a href="#">util/template.go#L35</a>

Finding Title	Finding Description & Remediation	severity	status	ref	location
	Instead, use the 'html/template' package and render data using 'template.Execute()'.				
<a href="#">unsafe-template-type</a>	Semgrep could not determine that the argument to 'template.HTML()' is a constant. 'template.HTML()' and similar does not escape contents. Be absolutely sure there is no user-controlled data in this template. If user data can reach this template, you may have a XSS vulnerability. Instead, do not use this function and use 'template.Execute()'.	medium	open	main	<a href="#">util/template.go#L45</a>
<a href="#">unsafe-template-type</a>	Semgrep could not determine that the argument to 'template.HTML()' is a constant. 'template.HTML()' and similar does not escape contents. Be absolutely sure there is no user-controlled data in this template. If user data can reach this template, you may have a XSS vulnerability. Instead, do not use this function and use 'template.Execute()'.	medium	open	main	<a href="#">vulnerability/xss/xss.go#L58</a>
<a href="#">unsafe-template-type</a>	Semgrep could not determine that the argument to 'template.HTML()' is a constant. 'template.HTML()' and similar does not escape contents. Be absolutely sure there is no user-controlled data in this template. If user data can reach this template, you may have a XSS vulnerability. Instead, do not use this function and use 'template.Execute()'.	medium	open	main	<a href="#">vulnerability/xss/xss.go#L59</a>
<a href="#">unsafe-template-type</a>	Semgrep could not determine that the argument to 'template.HTML()' is a constant. 'template.HTML()' and similar does not escape contents. Be absolutely sure there is no user-controlled data in this template. If user data can reach this template, you may have a XSS vulnerability. Instead, do not use this function and use 'template.Execute()'.	medium	open	main	<a href="#">vulnerability/xss/xss.go#L62</a>

Finding Title	Finding Description & Remediation	severity	status	ref	location
<a href="#">unsafe-template-type</a>	Semgrep could not determine that the argument to 'template.HTML()' is a constant. 'template.HTML()' and similar does not escape contents. Be absolutely sure there is no user-controlled data in this template. If user data can reach this template, you may have a XSS vulnerability. Instead, do not use this function and use 'template.Execute()'.	medium	open	main	<a href="#">vulnerability/xss/xss.go#L63</a>
<a href="#">unsafe-template-type</a>	Semgrep could not determine that the argument to 'template.HTML()' is a constant. 'template.HTML()' and similar does not escape contents. Be absolutely sure there is no user-controlled data in this template. If user data can reach this template, you may have a XSS vulnerability. Instead, do not use this function and use 'template.Execute()'.	medium	open	main	<a href="#">vulnerability/xss/xss.go#L100</a>
<a href="#">raw-html-format</a>	Detected user input flowing into a manually constructed HTML string. You may be accidentally bypassing secure methods of rendering HTML by manually constructing HTML and this could create a cross-site scripting vulnerability, which could let attackers steal sensitive user data. Use the 'html/template' package which will safely render HTML instead, or inspect that the HTML is rendered safely.	medium	open	main	<a href="#">vulnerability/xss/xss.go#L96</a>
<a href="#">formatted-template-string-taint</a>	Untrusted input could be used to tamper with a web page rendering, which can lead to a Cross-site scripting (XSS) vulnerability. XSS vulnerabilities occur when untrusted input executes malicious JavaScript code, leading to issues such as account compromise and sensitive information leakage. To prevent this vulnerability, validate the user input, perform contextual output encoding or sanitize the input. For more information, see: [Go XSS prevention] ( <a href="https://semgrep.dev/docs/cheat-sheets/go-xss/">https://semgrep.dev/docs/cheat-sheets/go-xss/</a> ).	medium	open	main	<a href="#">vulnerability/xss/xss.go#L100</a>



Finding Title	Finding Description & Remediation	severity	status	ref	location
<a href="#">missing-integrity</a>	This tag is missing an 'integrity' subresource integrity attribute. The 'integrity' attribute allows for the browser to verify that externally hosted files (for example from a CDN) are delivered without unexpected manipulation. Without this attribute, if an attacker can modify the externally hosted resource, this could lead to XSS and other types of attacks. To prevent this, include the base64-encoded cryptographic hash of the resource (file) youâ€™re telling the browser to fetch in the 'integrity' attribute for all externally hosted files.	medium	open	main	<a href="#">templates/cart.html#L7</a>
<a href="#">missing-integrity</a>	This tag is missing an 'integrity' subresource integrity attribute. The 'integrity' attribute allows for the browser to verify that externally hosted files (for example from a CDN) are delivered without unexpected manipulation. Without this attribute, if an attacker can modify the externally hosted resource, this could lead to XSS and other types of attacks. To prevent this, include the base64-encoded cryptographic hash of the resource (file) youâ€™re telling the browser to fetch in the 'integrity' attribute for all externally hosted files.	medium	open	main	<a href="#">templates/template.login.html#L7</a>
<a href="#">missing-integrity</a>	This tag is missing an 'integrity' subresource integrity attribute. The 'integrity' attribute allows for the browser to verify that externally hosted files (for example from a CDN) are delivered without unexpected manipulation. Without this attribute, if an attacker can modify the externally hosted resource, this could lead to XSS and other types of attacks. To prevent this, include the base64-encoded cryptographic hash of the resource (file) youâ€™re telling the browser to fetch in the 'integrity' attribute for all externally hosted files.	medium	open	main	<a href="#">templates/template.login.html#L8</a>
		medium	open	main	

Finding Title	Finding Description & Remediation	severity	status	ref	location
<a href="#">plaintext-http-link</a>	This link points to a plaintext HTTP URL. Prefer an encrypted HTTPS URL if possible.				<a href="#">templates/template.idor1.html#L56</a>
<a href="#">plaintext-http-link</a>	This link points to a plaintext HTTP URL. Prefer an encrypted HTTPS URL if possible.	medium	open	main	<a href="#">templates/template.idor2.html#L57</a>
<a href="#">plaintext-http-link</a>	This link points to a plaintext HTTP URL. Prefer an encrypted HTTPS URL if possible.	medium	open	main	<a href="#">templates/template.sqli1.html#L19</a>
<a href="#">plaintext-http-link</a>	This link points to a plaintext HTTP URL. Prefer an encrypted HTTPS URL if possible.	medium	open	main	<a href="#">templates/template.sqli2.html#L18</a>
<a href="#">plaintext-http-link</a>	This link points to a plaintext HTTP URL. Prefer an encrypted HTTPS URL if possible.	medium	open	main	<a href="#">templates/template.sqli2.html#L19</a>
<a href="#">var-in-href</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. If using a relative URL, start with a literal forward slash and concatenate the URL, like this: href='/{link}}'. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/setup.sidebar.html#L12</a>
<a href="#">var-in-href</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. If using a relative URL, start with a literal forward slash and concatenate the URL, like this: href='/{link}}'. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/setup.sidebar.html#L18</a>
<a href="#">var-in-href</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. If using a relative URL, start with a literal forward	medium	open	main	<a href="#">templates/template.sidebar.html#L12</a>

Finding Title	Finding Description & Remediation	severity	status	ref	location
	slash and concatenate the URL, like this: href='{link}'. You may also consider setting the Content Security Policy (CSP) header.				
<a href="#">var-in-href</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. If using a relative URL, start with a literal forward slash and concatenate the URL, like this: href='{link}'. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/ template.sidebar.html#L18</a>
<a href="#">var-in-href</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. If using a relative URL, start with a literal forward slash and concatenate the URL, like this: href='{link}'. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/ template.sidebar.html#L27</a>
<a href="#">var-in-href</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. If using a relative URL, start with a literal forward slash and concatenate the URL, like this: href='{link}'. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/ template.sidebar.html#L28</a>
<a href="#">var-in-href</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. If using a relative URL, start with a literal forward slash and concatenate the URL, like this: href='{link}'. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/ template.sidebar.html#L36</a>

Finding Title	Finding Description & Remediation	severity	status	ref	location
<a href="#">var-in-href</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. If using a relative URL, start with a literal forward slash and concatenate the URL, like this: href='/{link}'. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/ template.sidebar.html#L37</a>
<a href="#">var-in-href</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. If using a relative URL, start with a literal forward slash and concatenate the URL, like this: href='/{link}'. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/ template.sidebar.html#L44</a>
<a href="#">var-in-href</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. If using a relative URL, start with a literal forward slash and concatenate the URL, like this: href='/{link}'. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/ template.sidebar.html#L45</a>
<a href="#">var-in-href</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. If using a relative URL, start with a literal forward slash and concatenate the URL, like this: href='/{link}'. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/ template.sidebar.html#L56</a>
<a href="#">var-in-href</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS)	medium	open	main	<a href="#">templates/ template.sidebar.html#L63</a>

Finding Title	Finding Description & Remediation	severity	status	ref	location
	attacks. If using a relative URL, start with a literal forward slash and concatenate the URL, like this: href='{link}'. You may also consider setting the Content Security Policy (CSP) header.				
<a href="#">var-in-href</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. If using a relative URL, start with a literal forward slash and concatenate the URL, like this: href='{link}'. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/template.sidebar.html#L68</a>
<a href="#">detect-non-literal-regexp</a>	RegExp() called with a `a` function argument, this might allow an attacker to cause a Regular Expression Denial-of-Service (ReDoS) within your application as RegExp blocks the main thread. For this reason, it is recommended to use hardcoded regexes instead. If your regex is run on user-controlled input, consider performing input validation or use a regex checking/sanitization library such as <a href="https://www.npmjs.com/package/recheck">https://www.npmjs.com/package/recheck</a> to verify that the regex does not appear vulnerable to ReDoS.	medium	open	main	<a href="#">public/js/jquery-3.2.1-min.js#L2</a>
<a href="#">detect-non-literal-regexp</a>	RegExp() called with a `b` function argument, this might allow an attacker to cause a Regular Expression Denial-of-Service (ReDoS) within your application as RegExp blocks the main thread. For this reason, it is recommended to use hardcoded regexes instead. If your regex is run on user-controlled input, consider performing input validation or use a regex checking/sanitization library such as <a href="https://www.npmjs.com/package/recheck">https://www.npmjs.com/package/recheck</a> to verify that the regex does not appear vulnerable to ReDoS.	medium	open	main	<a href="#">public/js/jquery-3.2.1-min.js#L3</a>
<a href="#">detect-non-literal-regexp</a>	RegExp() called with a `b` function argument, this might allow an attacker to cause a Regular Expression Denial-of-	medium	open	main	<a href="#">public/js/jquery-3.2.1-min.js#L4</a>

Finding Title	Finding Description & Remediation	severity	status	ref	location
	Service (ReDoS) within your application as RegExP blocks the main thread. For this reason, it is recommended to use hardcoded regexes instead. If your regex is run on user-controlled input, consider performing input validation or use a regex checking/sanitization library such as <a href="https://www.npmjs.com/package/recheck">https://www.npmjs.com/package/recheck</a> to verify that the regex does not appear vulnerable to ReDoS.				
<a href="#">prototype-pollution-loop</a>	Possibility of prototype polluting function detected. By adding or modifying attributes of an object prototype, it is possible to create attributes that exist on every object, or replace critical attributes with malicious ones. This can be problematic if the software depends on existence or non-existence of certain attributes, or uses pre-defined attributes of object prototype (such as <code>hasOwnProperty</code> , <code>toString</code> or <code>valueOf</code> ). Possible mitigations might be: freezing the object prototype, using an object without prototypes (via <code>Object.create(null)</code> ), blocking modifications of attributes that resolve to object prototype, using <code>Map</code> instead of object.	medium	open	main	<a href="https://public.js/jquery-3.2.1-min.js#L2">public/js/jquery-3.2.1-min.js#L2</a>
<a href="#">prototype-pollution-loop</a>	Possibility of prototype polluting function detected. By adding or modifying attributes of an object prototype, it is possible to create attributes that exist on every object, or replace critical attributes with malicious ones. This can be problematic if the software depends on existence or non-existence of certain attributes, or uses pre-defined attributes of object prototype (such as <code>hasOwnProperty</code> , <code>toString</code> or <code>valueOf</code> ). Possible mitigations might be: freezing the object prototype, using an object without prototypes (via <code>Object.create(null)</code> ), blocking modifications of attributes that resolve to object prototype, using <code>Map</code> instead of object.	medium	open	main	<a href="https://public.js/jquery-3.2.1-min.js#L2">public/js/jquery-3.2.1-min.js#L2</a>
		medium	open	main	

Finding Title	Finding Description & Remediation	severity	status	ref	location
<a href="#">template-href-var</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. Use the 'url' template tag to safely generate a URL. You may also consider setting the Content Security Policy (CSP) header.				<a href="#">templates/template.sidebar.html#L28</a>
<a href="#">template-href-var</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. Use the 'url' template tag to safely generate a URL. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/template.sidebar.html#L37</a>
<a href="#">django-no-csrf-token</a>	Manually-created forms in django templates should specify a csrf_token to prevent CSRF attacks.	medium	open	main	<a href="#">templates/template.login.html#L29</a>
<a href="#">template-href-var</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. Use 'url_for()' to safely generate a URL. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/template.sidebar.html#L28</a>
<a href="#">template-href-var</a>	Detected a template variable used in an anchor tag with the 'href' attribute. This allows a malicious actor to input the 'javascript:' URI and is subject to cross- site scripting (XSS) attacks. Use 'url_for()' to safely generate a URL. You may also consider setting the Content Security Policy (CSP) header.	medium	open	main	<a href="#">templates/template.sidebar.html#L37</a>
<a href="#">no-new-privileges</a>	Service 'db-mysql' allows for privilege escalation via setuid or setgid binaries. Add 'no-new-privileges:true' in 'security_opt' to prevent this.	medium	open	main	<a href="#">docker-compose.yml#L14</a>

Finding Title	Finding Description & Remediation	severity	status	ref	location
<a href="#">writable-filesystem-service</a>	Service 'db-mysql' is running with a writable root filesystem. This may allow malicious applications to download and run additional payloads, or modify container files. If an application inside a container has to save something temporarily consider using a tmpfs. Add 'read_only: true' to this service to prevent this.	medium	open	main	<a href="#">docker-compose.yml#L14</a>
<a href="#">formatted-template-string-taint-copy</a>	Untrusted input could be used to tamper with a web page rendering, which can lead to a Cross-site scripting (XSS) vulnerability. XSS vulnerabilities occur when untrusted input executes malicious JavaScript code, leading to issues such as account compromise and sensitive information leakage. To prevent this vulnerability, validate the user input, perform contextual output encoding or sanitize the input. For more information, see: [Go XSS prevention] ( <a href="https://semgrep.dev/docs/cheat-sheets/go-xss/">https://semgrep.dev/docs/cheat-sheets/go-xss/</a> ).	medium	open	main	<a href="#">vulnerability/xss/xss.go#L100</a>



**Findings Summary- Low Severity**

Finding Title	Finding Description & Remediation	severity	status	ref	location
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