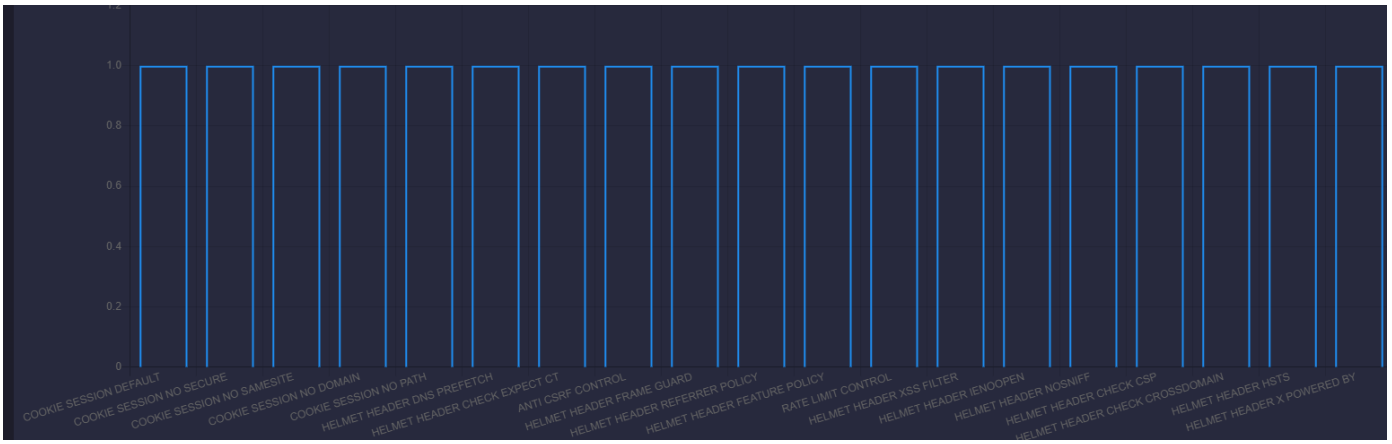
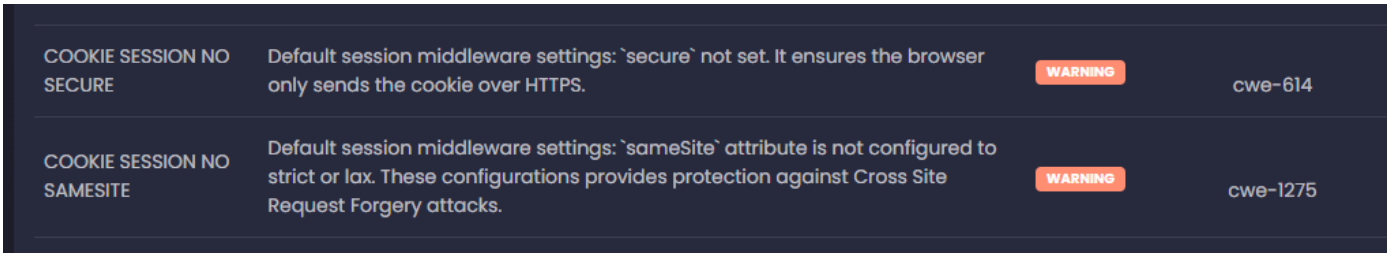
Para la segunda actividad he elegido la misma aplicación de la actividad uno y lo resultado es:

1. Nodejsscan

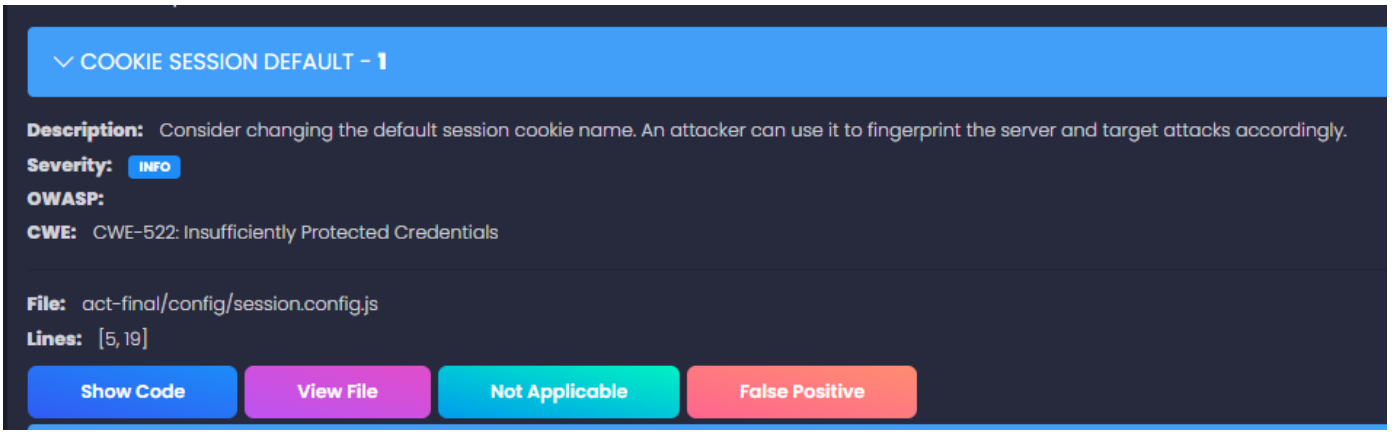
2. Report

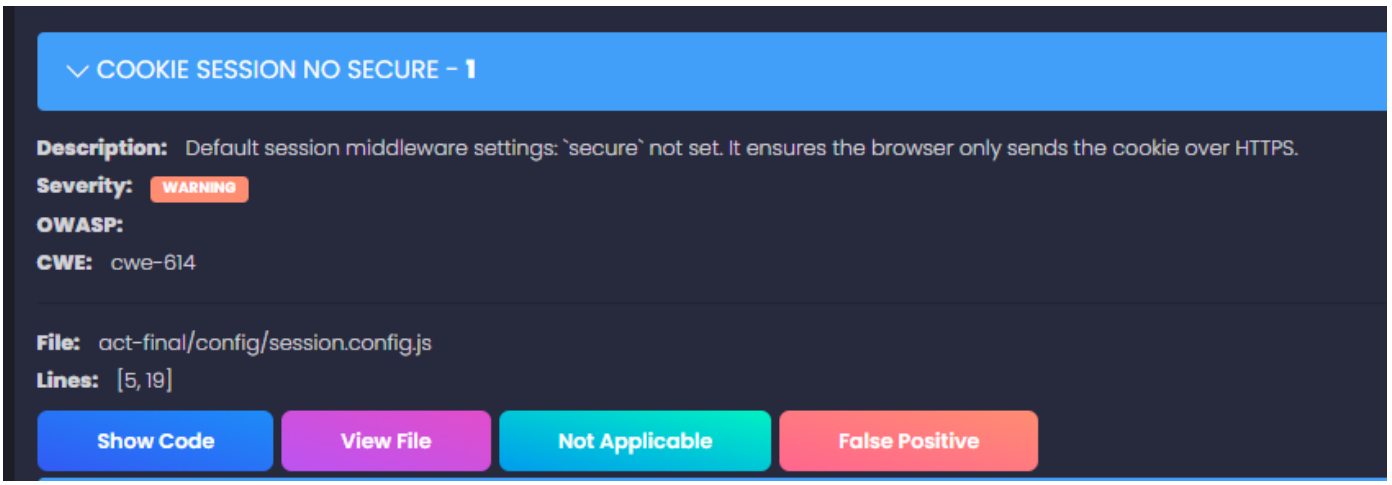


Básicamente en el informe apunta las siguientes clases de Warning.



Las issues reportadas están en el fichero: ***act-final/config/session.config.js***





La definición del CWE-614:

"*The **Secure** attribute for sensitive cookies in HTTPS sessions is not set, which could cause the user agent to send those cookies in plaintext over an HTTP session.*"

En el código:

```
module.exports = session({
    secret: process.env.SESSION_SECRET || 'super secret (change it)',
    resave: true,
    saveUninitialized: false,
    cookie: {
      sameSite: "none",
      secure: process.env.SESSION_SECURE || false,
      httpOnly: true,
      maxAge: process.env.SESSION_MAX_AGE || 3600000,
    },
    store: new MongoStore({
      mongooseConnection: mongoose.connection,
      ttl: process.env.SESSION_MAX_AGE || 3600,
    })
  });
```

Lo que se puede mirar que el parámetro está presente y tiene su valor de una variable de entorno, lo que creo que puede ser un false-positive.

La definición CWE-1275:

“The SameSite attribute controls how cookies are sent for cross-domain requests. This attribute may have three values: 'Lax', 'Strict', or 'None'. If the 'None' value is used, a website may create a cross-domain POST HTTP request to another website, and the browser automatically adds cookies to this request. This may lead to Cross-Site-Request-Forgery (CSRF) attacks if there are no additional protections in place (such as Anti-CSRF tokens).”

En el código:

```
module.exports = session({
    secret: process.env.SESSION_SECRET || 'super secret (change it)',
    resave: true,
    saveUninitialized: false,
    cookie: {
      sameSite: "none",
      secure: process.env.SESSION_SECURE || false,
      httpOnly: true,
      maxAge: process.env.SESSION_MAX_AGE || 3600000,
    },
    store: new MongoStore({
      mongooseConnection: mongoose.connection,
      ttl: process.env.SESSION_MAX_AGE || 3600,
    })
  });
```

Un posible corrección puede ser el cambio del valor del parámetro sameSite para 'Lax', 'Strict'