【atp】遵从性测试用例开发 develop of compliance test case

【atp】沙箱测试用例开发 develop of sandbox test case

【atp】支持对依赖的生态应用一起实例化、卸载 support instantiating application together with its dependency application

【atp】病毒扫描用例开发 develop of virus scanning test case

【atp】定时删除过期数据、处理异常的运行中用例开发 delete tasks created before one month ago, and run the exception task data again.

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| **Content** | **Related Information** |
| **Security design rule ID** | 9.1请勿记录未经消毒的用户输入。  Do not log unsanitized user input. Notice: Unsanitized logging can allow an attacker to forge log entries or inject malicious content into logs.  9.2足够的日志记录  Sufficient Logging.  9.4避免记录过多的数据  Avoid Logging of Excessive Data. |
| **Implementation details** | 9.1 日志未记录用户输入的字段  Do not logging user input data.  9.2 在异常情况分支中，记录了足够的日志，能够支撑定位。  Only logging in exception branch.  9.4 对于流程的日志，没有记录，只在异常分支中记录了日志。  Only logging in exception branch, do not logging to much redundant logs. |
| **Related APIs** | NA |
| **Example API payload** | NA |
| **Related files** | NA |
| **Related GUI URLs** | NA |
| **GUI testing steps** | 在应用商店中，上传应用包，进行应用包认证，开始认证，查看各个测试用例的检测结果是否正确。  Uploading application package in appstore, and starting to test app package. Checking each test case result is right. |
| **GUI input example** | NA |
| **Additional Info** | NA |

【atp】创建任务、查询单个任务、查询所有任务、测试报告下载、获取依赖应用、查询测试用例接口开发

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| **Content** | **Related Information** |
| **Security design rule ID** | 1.1所有用于跨网络传输的机器对机器和人对机器接口都必须具有访问认证机制，并且认证过程必须在服务器上执行。 注意：跨网络接口必须支持身份验证，以防止欺骗访问  All machine-to-machine and man-to-machine interfaces for cross-network transmission must have an access authentication mechanism, and the authentication process must be performed on a server.  1.3服务器必须验证所有不受信任的数据源的大小，类型，长度和特殊字符，并拒绝所有未通过验证的数据。 注意：为了防止攻击者通过代理来拦截和篡改请求以绕过客户端的有效性检查，必须在服务器上执行数据验证。  The server must validate the size, type, length, and special characters of all untrusted data sources and reject any data that fails the validation.  1.12基于角色的访问控制  Role based Access control.  2.2请勿使用SSL2.0，SSL3.0，TLS1.0或TLS1.1进行安全传输。建议使用TLS1.2和TLS1.3。  Do not use SSL2.0, SSL3.0, TLS1.0, or TLS1.1 for secure transmission. TLS1.2 and TLS1.3 are recommended.  5.3所有输入必须限制在适当的大小限制内。  All input must be limited to an appropriate size limit.  8.1所有公共功能接口，RESTful接口，本地功能接口，命令行接口以及用于身份验证的默认用户名和密码都必须在产品或应用程序文档中进行描述。  All public function interfaces, RESTful interfaces, local function interfaces, command line interfaces, and default usernames and passwords used for identity authentication must be described in the product or application document.  9.1请勿记录未经消毒的用户输入。  Do not log unsanitized user input. Notice: Unsanitized logging can allow an attacker to forge log entries or inject malicious content into logs.  9.2足够的日志记录  Sufficient Logging.  9.4避免记录过多的数据  Avoid Logging of Excessive Data |
| **Implementation details** | * 1. 对token进行了解析验证   Validate the token in request header   * 1. 对应用包进行了防炸弹校验   make the bomb defence of app package  1.12 接口做了角色访问控制，租户角色才能访问  Access to interdace must satisfy the role  2.2 使用TLS1.2  Use TLS1.2 trasmit data  5.3 对接口入参做了长度校验  Validate the length of input parameter.  8.1 接口在产品文档中进行描述  Describe the restful interface in document.  9.1 日志未记录用户输入的字段  Do not logging user input data.  9.2 在异常情况分支中，记录了足够的日志，能够支撑定位。  Only logging in exception branch.  9.4 对于流程的日志，没有记录，只在异常分支中记录了日志。  Only logging in exception branch, do not logging to much redundant logs. |
| **Related APIs** | edgegallery/atp/v1/tasks POST  edgegallery/atp/v1/tasks?appName = \*\*&status = failed GET  edgegallery/atp/v1/tasks/{taskId} GET  edgegallery/atp/v1/tasks/{taskId}/action/download GET  edgegallery/atp/v1/testcases?type = “” GET  edgegallery/atp/v1/common-action/analysis-app POST |
| **Example API payload** | 1.8K |
| **Related files** | NA |
| **Related GUI URLs** | NA |
| **GUI testing steps** | 在应用商店中，上传应用包，进行应用包认证，开始认证，测试创建接口  Upload the app package in appstore and start the test， validating the interface of creating tasks  查看测试用例页面是否显示正常，验证测试用例查询接口  Check if the test case page show normally，validating the interface of querying test case  查看应用包依赖分析弹窗页面是否显示正常，验证app包分析接口  Check if the application package dependency page show normally, validating the application package analysis interface  查看测试任务列表是否显示正常，验证查询测试任务列表接口  Check the task list show normally, validating the query task list interface  在测试任务列表中点击某一个任务，看是否有任务的详细信息，验证查询某一个测试用例接口  Click one task in task list, and see the detail page show normally,validating the query one task interface  在任务报告详细信息页面点击下载报告，看是否可以下载成功，验证测试用例下载接口  Click the download test report button, validating the test report download interface |
| **GUI input example** | NA |
| **Additional Info** | NA |