New issue

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An unauthorized SSRF vulnerability in the designer page. #483

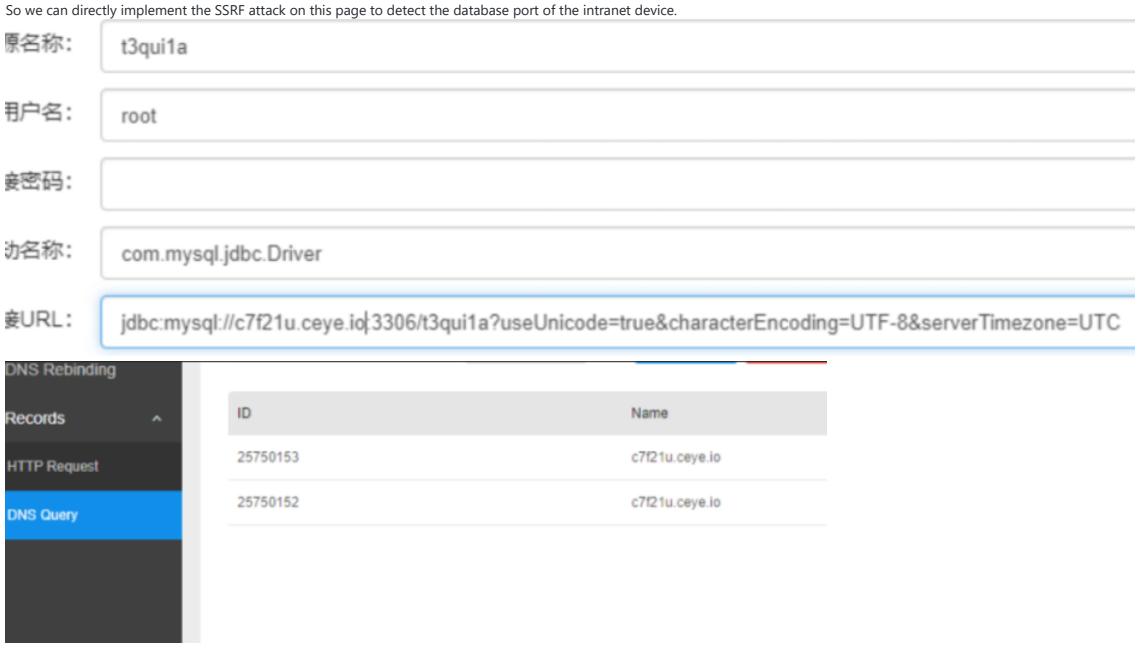
Open T3qui1a opened this issue on Nov 28, 2019 · 0 comments

T3qui1a commented on Nov 28, 2019

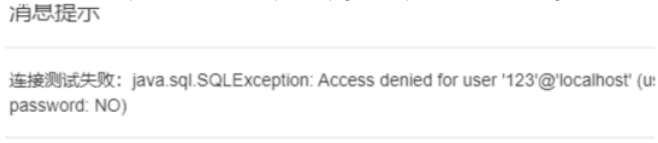
In this part of source code, we find that users can make connection requests to any IP address.

```
public void testConnection(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {
    String username=req.getParameter("username");
    String password=req.getParameter("password");
    String driver=req.getParameter("driver");
    String url=req.getParameter("url");
    Connection conn=null;
    Map<String,Object> map=new HashMap<String,Object>();
    try{
        Class.forName(driver);
        conn=DriverManager.getConnection(url, username, password);
        map.put("result", true);
    }catch(Exception ex){
        map.put("error", ex.toString());
        map.put("result", false);
    }finally{
        if(conn!=null){
            try {
                conn.close();
            } catch (SQLException e) {
                e.printStackTrace();
            }
        }
    }
    writeObjectToJson(resp, map);
}
```

Then we found that the designer page did not verify the access user's permission.
So we can directly implement the SSRF attack on this page to detect the database port of the intranet device.



When the database port is detected to be open, the page will respond to the database login failure.



Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

1 participant