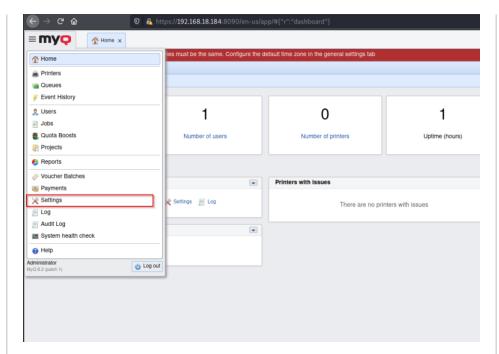
☆ Star

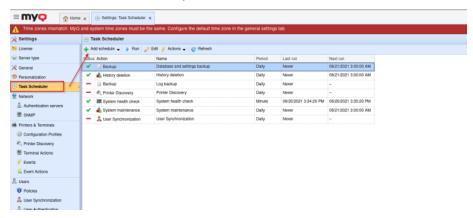
<> Code → Revisions 3

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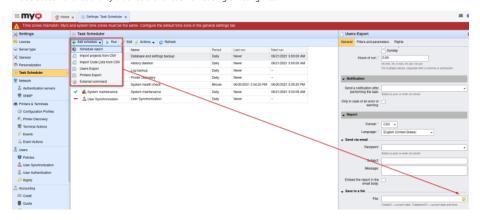




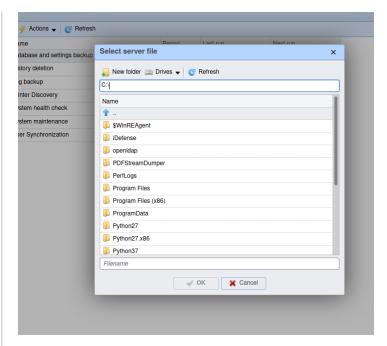
Then we click on the "task scheduler" functionality



We select some functionality that has the function of reading or listing files.



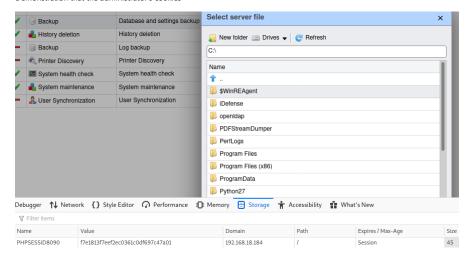
once it is clicked, a window will appear showing the directories and files of the system.



Being with an administrator user, these functions should only be available for this user, that is, the administrator, but if we see the HTTP requests in bursuite and make the same request with a user without privileges we can see the same directories.

Administrator user request

Demonstration that the administrator's cookies

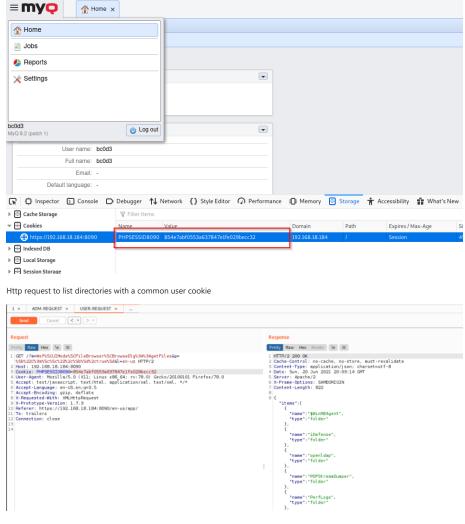


http request from listing directory with an administrator cookie.

We will proceed to the next test where we use a cookie from an unprivileged user and we will also have the same result.

Non-privileged user request

Demonstration that the cookies of a user without privileges.



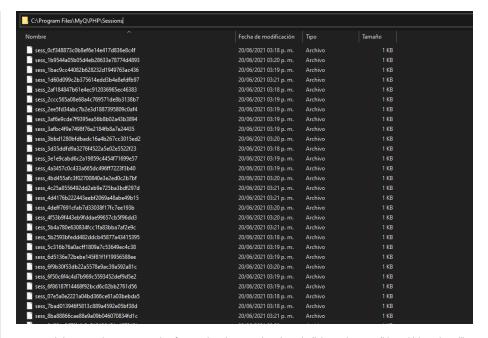
This shows we have privileges to list system files, the MyQ-printserver software runs as NT AUTHORITY \ SYSTEM when installed, this means we have privileges to list system files and directories.

How can we use this to access an administrator account and run commands on the server?

It must be taken into consideration that the myQ system uses apache and php other languages, this means that when using PHP, the sessions are saved in the php directory located in the following path:

 ${\tt C:\Program\ Files\MyQ\PHP\Sessions}$

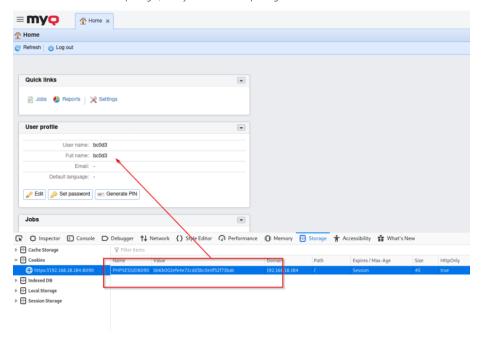
when installing the software we will realize it is saved in that path.



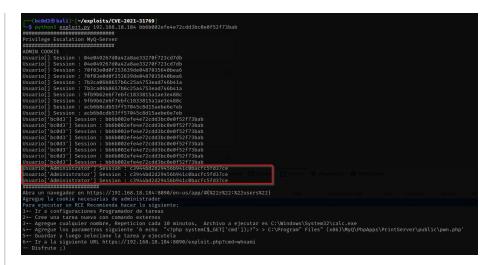
now we only have to make a request to the aforementioned route and go through all the sessions to validate which session will be of an administrator user, take that session and add it to the browser to escalate privileges, take access and then execute commands on the server.

PoC

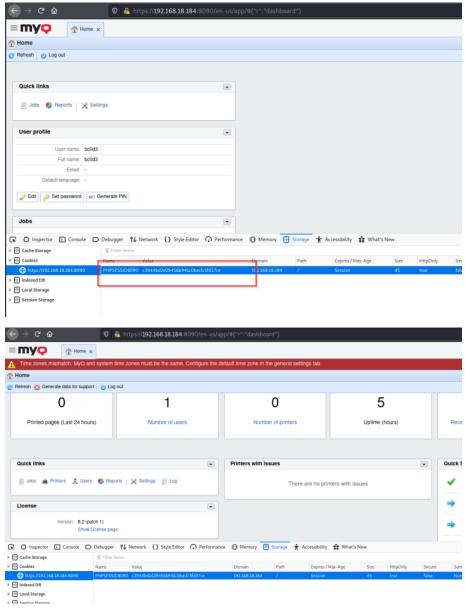
For this we create a python script that performs this action lists the sessions and their corresponding user. First we will take the active session of a user without privileges, usually it is delivered for printing.



we will use our script:



We take the session that it gives us and then we proceed to enter it into the browser to escalate privileges.

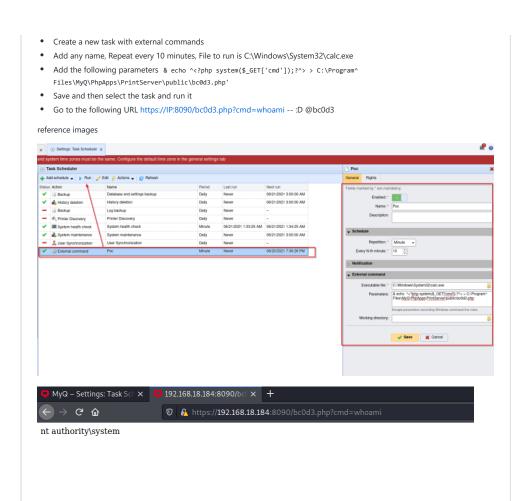


We will have access as administration, an escalation of privileges.

RCE

For this it is easier once inside the administrator panel we do the following:

Go to Task Scheduler settings



OneCodeCZ commented on Jun 22, 2021 • edited •

Only MyQ administrator is able to add External Commands in the scheduler. It was assumed that MyQ administrator is also the OS administrator which often is the case. However, this issue is fixed in MyQ Print Server 8.2 patch 3. Thank you for reporting.

