

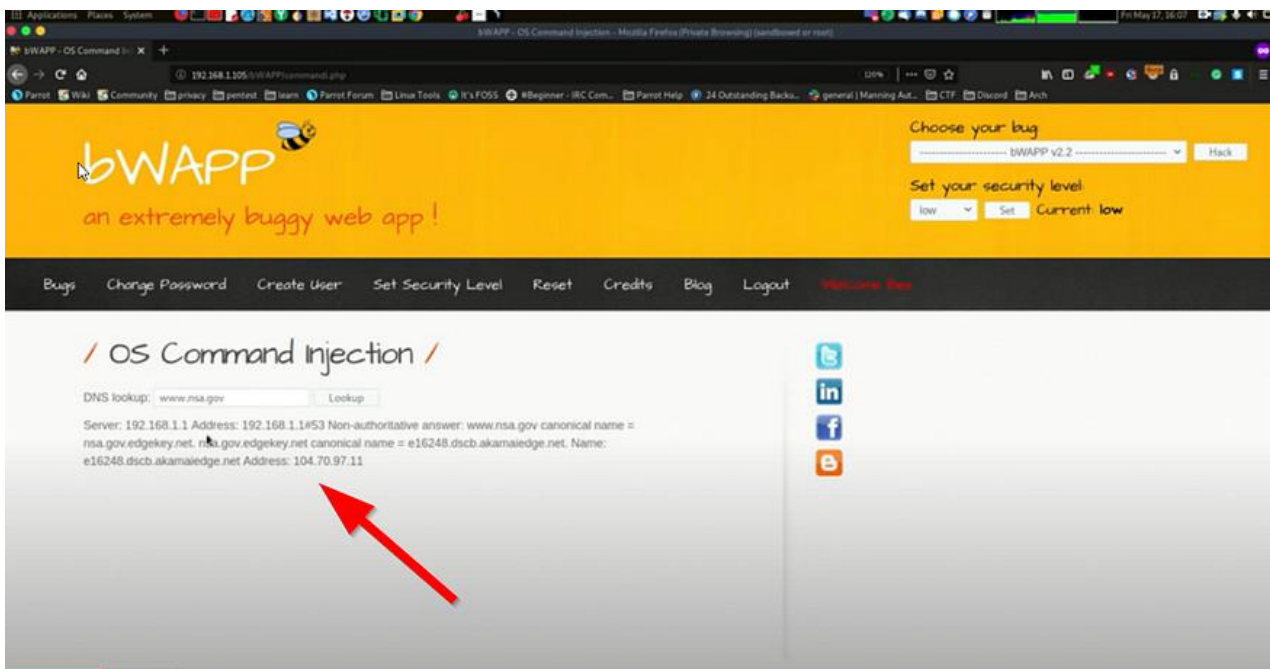
OS command injection - POC

Description:

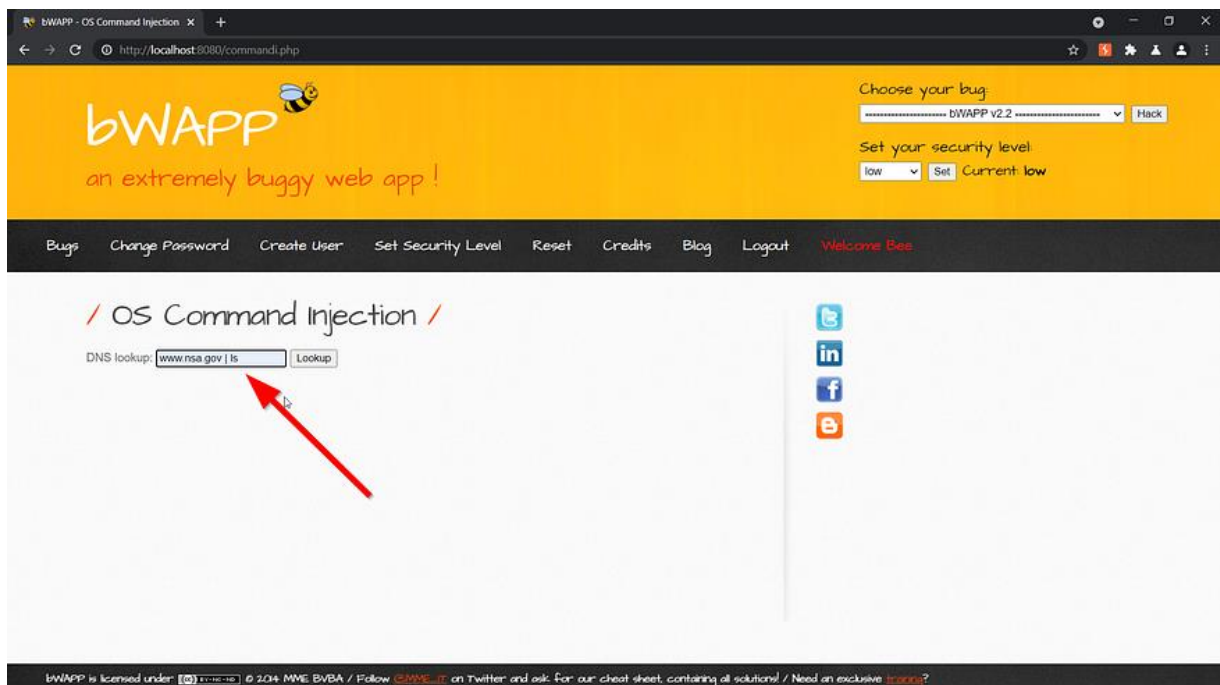
OS command injection (also known as shell injection) is a web security vulnerability that allows an attacker to execute an arbitrary operating system (OS) commands on the server that is running an application, and typically fully compromise the application and all its data. Very often, an attacker can leverage an OS command injection vulnerability to compromise other parts of the hosting infrastructure, exploiting trust relationships to pivot the attack to other systems within the organization.

Demo:

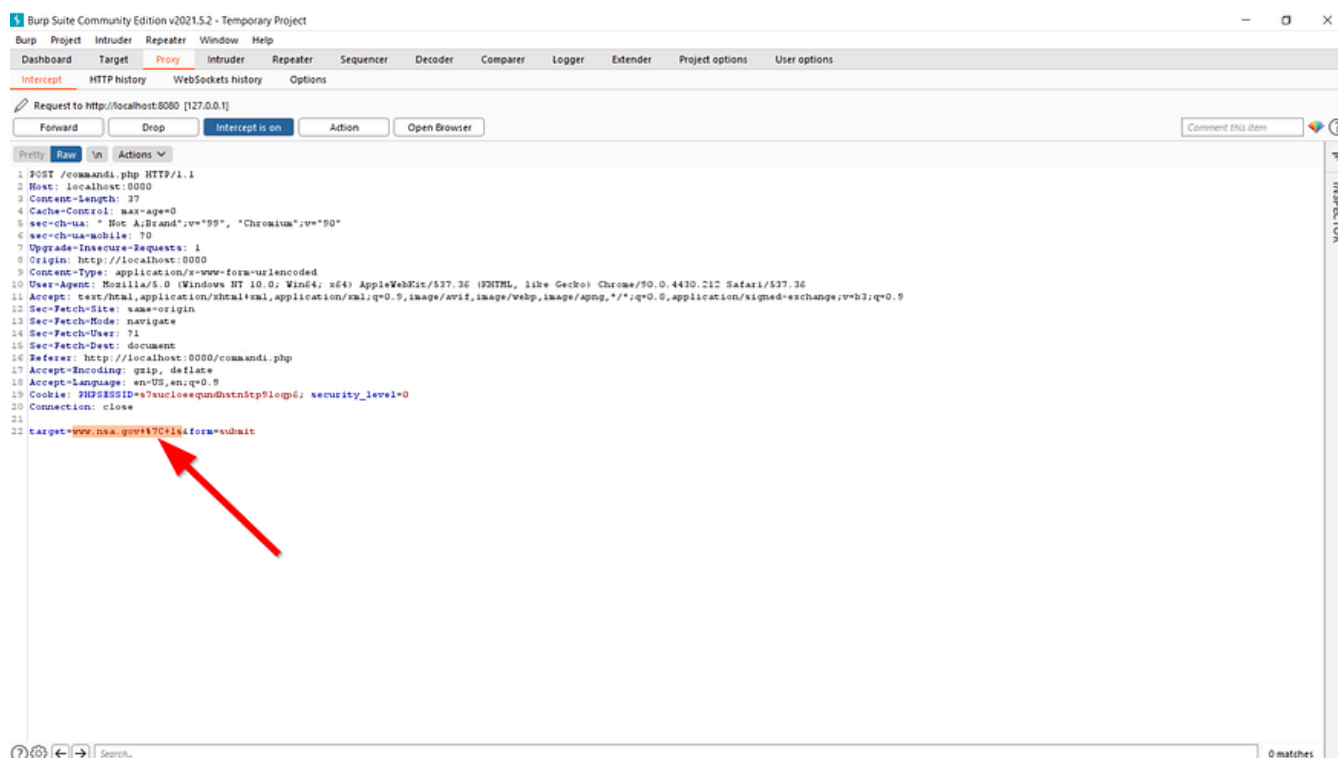
Security level: low



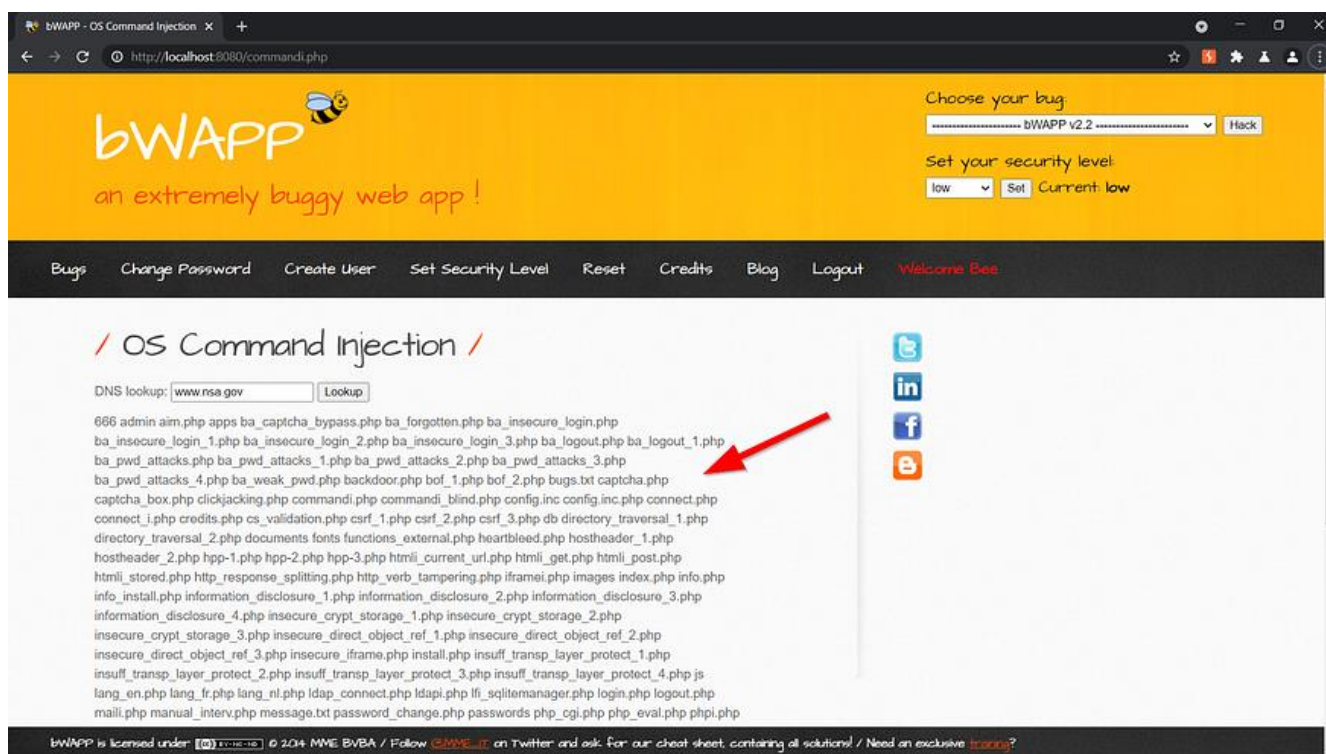
In this image, we can see that the input we give is executed in the shell and returned to the output. Now we can exploit it by using `| <command>` with which we can append the command with another command. Note that we can also use `;` or `&&` for appending multiple commands.



Here we added | Is to our input.



When we intercept the request we can see that the vulnerable parameter is the **target**.



Here we can see that our input is processed and the output is returned from the shell.