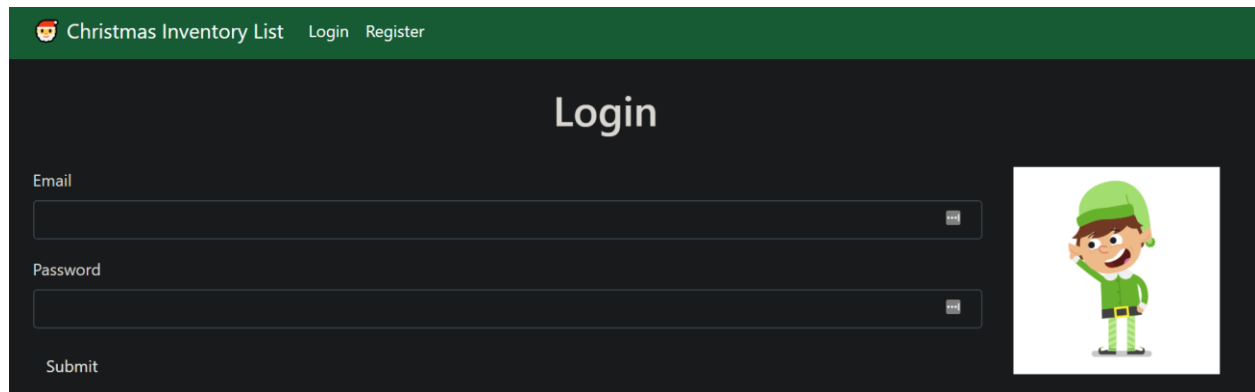


<https://docs.google.com/document/d/1PHs7uRS1whLY9tgxH1lj-bnEVWtXPXpo45zWUlbknpU/edit>

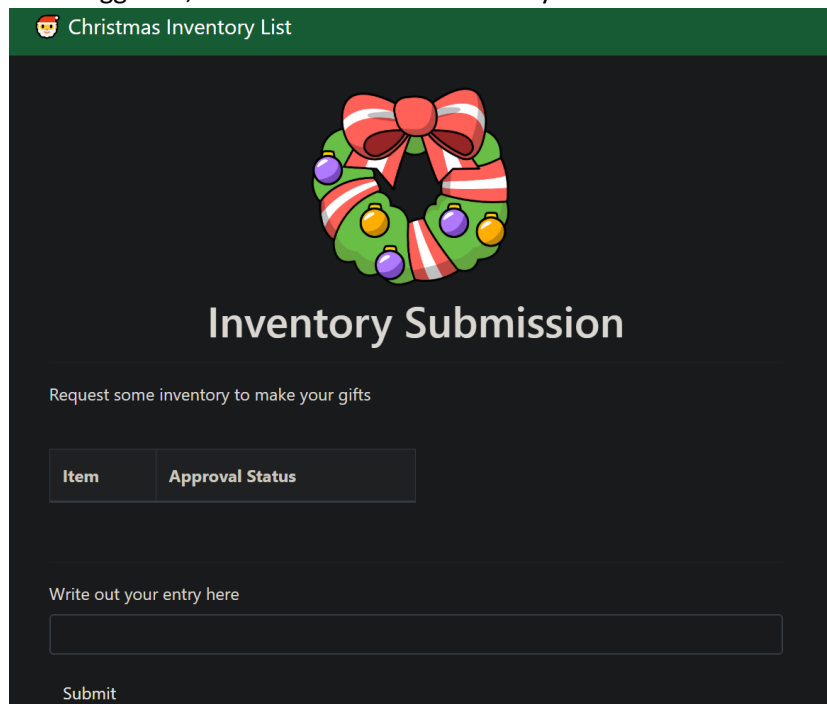
[Task 6] [Day 1] Inventory Management



The screenshot shows a web application interface for 'Christmas Inventory List'. At the top, there is a green navigation bar with a Santa Claus icon, the text 'Christmas Inventory List', and links for 'Login' and 'Register'. The main content area has a dark background with the word 'Login' in large white text. Below this, there are two input fields: 'Email' and 'Password', each with a small eye icon to toggle visibility. A 'Submit' button is located below the password field. On the right side, there is a cartoon illustration of a green elf wearing a hat and holding a small object.

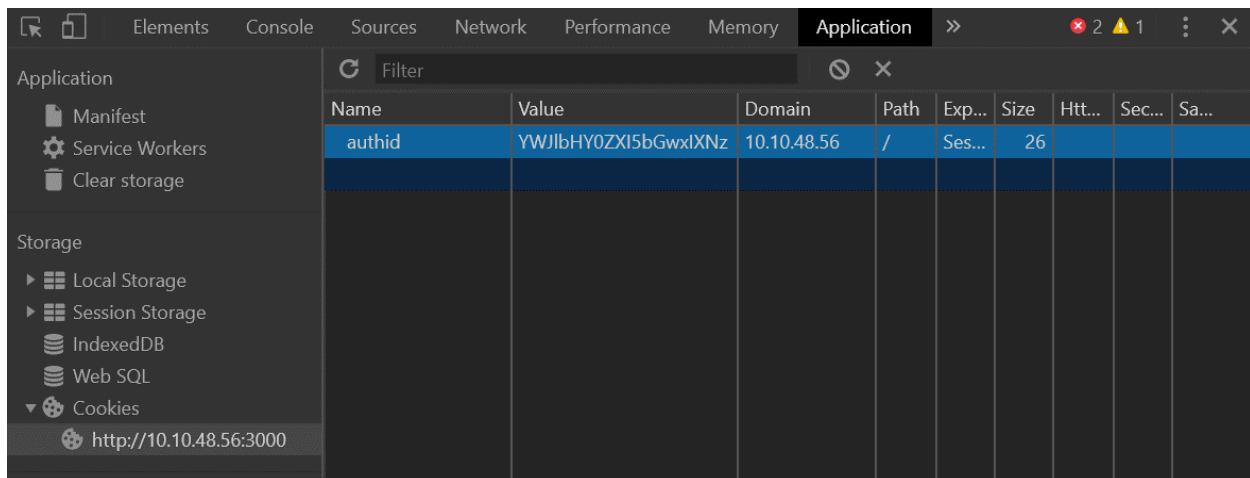
1. What is the name of the cookie used for authentication?

- In order to see the cookie, we need to login.
- To login, we need to register.
- Register a username = abel
- Once logged in, we are met with an inventory submission screen



The screenshot shows the 'Inventory Submission' page of the 'Christmas Inventory List' application. The top navigation bar is green with a Santa Claus icon and the text 'Christmas Inventory List'. The main content area has a dark background. At the top, there is a large, colorful Christmas wreath with a red and white striped bow. Below the wreath, the text 'Inventory Submission' is displayed in large white font. Underneath, there is a smaller text prompt: 'Request some inventory to make your gifts'. Below this, there is a table with two columns: 'Item' and 'Approval Status'. Below the table, there is a text input field with the placeholder text 'Write out your entry here'. At the bottom, there is a 'Submit' button.

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- Right-clicking and inspecting the page, we can choose the applications tab to view the cookies for the site.



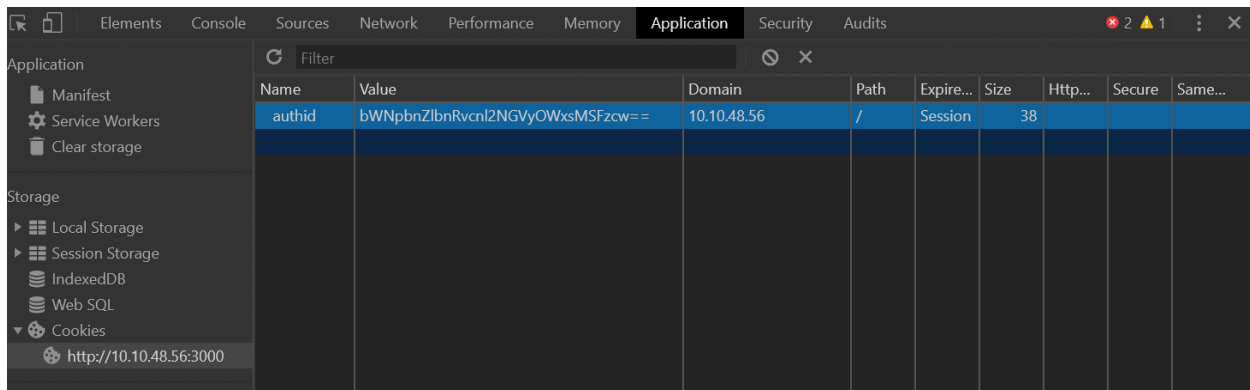
- Therefore, the name of the cookie used for authentication is **authid**

2. If you decode the cookie, what is the value of the fixed part of the cookie?

- Cookies are encoded and decoded in base64
- Value of the cookie is: YWJlbHY0ZXI5bGwxIXNz
- Decoded, it is: abelv4er9ll1!ss
- The fixed part is abelv**4er9ll1!ss**

3. After accessing his account, what did the user mcinventory request?

- Need to access mcinventory's account to see what he requested
- Can change value of cookie to match mcinventory's cookie
 - mcinventory**v4er9ll1!ss**
 - Encode with base64:
 - bWNpbnZlbnRvcnl2NGVvOWxsMSFzcw==



- Mcinventory's requests are shown when we refresh the page:



Christmas Inventory Approval List

Deleted Entries

mcinventory	firewall	Approve
scaredelf	candy canes	Approve
busyelf	reindeer	Approve
busyelf	santa's hat	Approve
busyelf	yummy elf food	Approve
busyelf	t	Approve
busyelf	sdf	Approve

All Entries

User	Item	Approval Status
mcinventory	firewall	false
scaredelf	candy canes	false
busyelf	reindeer	false
busyelf	santa's hat	false
busyelf	yummy elf food	false
busyelf	t	true
busyelf	sdf	false

Write out your entry here

Submit

- User mcinventory requested **firewall**