

Web Application Penetration Testing Checklist

lore t	han 200 custom test cases
repar	ed by: Tushar Verma
▼ Re	con Phase
	Identify web server, technologies and database
	Subsidiary and Acquisition Enumeration
	Reverse Lookup
	ASN & IP Space Enumeration and Service Enumeration
	Google Dorking
	Github Recon
	Directory Enumeration
	IP Range Enumeration
	JS Files Analysis
	Subdomain Enumeration and Bruteforcing
	Subdomain Takeover
	Parameter Fuzzing
	Port Scanning
	Template-Based Scanning(Nuclei)
	Wayback History
	Broken Link Hijacking
	Internet Search Engine Discovery
	Misconfigured Cloud Storage
▼ Re	gistration Feature Testing
	Check for duplicate registration/Overwrite existing user
	Check for weak password policy
	Check for reuse existing usernames
	Check for insufficient email verification process
	Weak registration implementation-Allows disposable email addresses
	Weak registration implementation-Over HTTP
	Overwrite default web application pages by specially crafted username registrations. ⇒ After registration, does your profile link appears something as www.tushar.com/ tushar?

- a. If so, enumerate default folders of web application such as /images, /contact, /portfolio
- b. Do a registration using the username such as images, contact, portfolio

	c. C	Check if those default folders have been overwritten by your profile link or not."
7	Ses	ssion Management Testing
		Identify actual session cookie out of bulk cookies in the application
		Decode cookies using some standard decoding algorithms such as Base64, hex, URL, etc
		Modify cookie.session token value by 1 bit/byte. Then resubmit and do the same for all tokens. Reduce the amount of work you need to perform in order to identify which part of the token is actually being used and which is not
		If self-registration is available and you can choose your username, log in with a series of similar usernames containing small variations between them, such as A, AA, AAA, AAAA, AAAB, AAAC, AABA, and so on. If another user-specific data is submitted at login or stored in user profiles (such as an email address)
		Check for session cookies and cookie expiration date/time
		Identify cookie domain scope
		Check for HttpOnly flag in cookie
		Check for Secure flag in cookie if the application is over SSL
		Check for session fixation i.e. value of session cookie before and after authentication
		Replay the session cookie from a different effective IP address or system to check whether the server maintains the state of the machine or not
		Check for concurrent login through different machine/IP
		Check if any user pertaining information is stored in cookie value or not If yes, tamper it with other user's data
		Failure to Invalidate Session on (Email Change,2FA Activation)
7	Aut	thentication Testing
		Username enumeration
		Bypass authentication using various SQL Injections on username and password field
	•	Lack of password confirmation on
		☐ Change email address
		☐ Change password
		☐ Manage 2FA
		Is it possible to use resources without authentication? Access violation
		Check if user credentials are transmitted over SSL or not
		Weak login function HTTP and HTTPS both are available
	•	Test user account lockout mechanism on brute force attack
		Variation: If server blocks instant user requests, then try with time throttle option from intruder and repeat the process again.
		☐ Bypass rate limiting by tampering user agent to Mobile User agent
		☐ Bypass rate limiting by tampering user agent to Anonymous user agent
		☐ Bypass rate liniting by using null byte
		Create a password wordlist using cewl command
	•	Test Oauth login functionality
		▼ OAuth Roles
		☐ Resource Owner → User

 \square Resource Server \rightarrow Twitter

	☐ Client Application → <u>Twitterdeck.com</u>
	☐ Authorization Server → Twitter
	☐ client_id → Twitterdeck ID (This is a public, non-secret unique identifier_
	\square client_secret $ o$ Secret Token known to the Twitter and Twitterdeck to generate access_tokens
	\square response_type \rightarrow Defines the token type e.g (code, token, etc.)
	\square scope \rightarrow The requested level of access Twitterdeck wants
	\square redirect_uri \rightarrow The URL user is redirected to after the authorization is complete
	□ state → Main CSRF protection in OAuth can persist data between the user being directed to the authorization server and back again
	\square grant_type \rightarrow Defines the grant_type and the returned token type
	□ code → The authorization code twitter generated, will be like ?code= , the code is used with client_id and client_secret to fetch an access_token
	\square access_token $ o$ The token twitterdeck uses to make API requests on behalf of the user
	\square refresh_token \rightarrow Allows an application to obtain a new access_token without prompting the user
▼ (Code Flaws
	Re-Using the code
	☐ Code Predict/Bruteforce and Rate-limit
	☐ Is the code for application X valid for application Y?
▼	Redirect_uri Flaws
	URL isn't validated at all: ?redirect_uri=https://attacker.com
	Subdomains allowed (Subdomain Takeover or Open redirect on those subdomains): ? redirect_uri=https://sub.twitterdeck.com
	☐ Host is validated, path isn't (Chain open redirect): ?redirect_uri=https://twitterdeck.com/callback? redirectUrl=https://evil.com
	☐ Host is validated, path isn't (Referer leakages): Include external content on HTML page and leak code via Referer
	☐ Weak Regexes
	☐ Bruteforcing the URL encoded chars after host: redirect_uri=https://twitterdeck.com\$FUZZ\$
	□ Bruteforcing the keywords whitelist after host (or on any whitelist open redirect filter): ? redirect_uri=https://§FUZZ§.com
	URI validation in place: use typical open redirect payloads
▼ :	State Flaws
	☐ Missing State parameter? (CSRF)
	☐ Predictable State parameter?
	☐ Is State parameter being verified?
▼	Misc
	☐ Is client_secret validated?
	☐ Pre ATO using facebook phone-number signup
	☐ No email validation Pre ATO
▼ Test	2FA Misconfiguration
	Response Manipulation
	Status Code
	Manipulation

	2FA Code Leakage in Response
	☐ 2FA Code Reusability
	☐ Lack of Brute-Force Protection
	☐ Missing 2FA Code Integrity Validation
	☐ With null or 000000
▼ My	Account (Post Login) Testing
	Find parameter which uses active account user id. Try to tamper it in order to change the details of the other accounts
	Create a list of features that are pertaining to a user account only. Change Email Change Password -Change account details (Name, Number, Address, etc.) Try CSRF
	Post login change email id and update with any existing email id. Check if its getting validated on server side or not. Does the application send any new email confirmation link to a new user or not? What if a user does not confirm the link in some time frame?
	Open profile picture in a new tab and check the URL. Find email id/user id info. EXIF Geolocation Data Not Stripped From Uploaded Images.
	Check account deletion option if application provides it and confirm that via forgot password feature
	Change email id, account id, user id parameter and try to brute force other user's password
	Check whether application re authenticates for performing sensitive operation for post authentication features
▼ Fo	rgot Password Testing
	Failure to invalidate session on Logout and Password reset
	Check if forget password reset link/code uniqueness
	Check if reset link does get expire or not if its not used by the user for certain amount of time
	Find user account identification parameter and tamper ld or parameter value to change other user's password
	Check for weak password policy
	Weak password reset implementation Token is not invalidated after use
	If reset link has another param such as date and time, then. Change date and time value in order to make active & valid reset link
	Check if security questions are asked? How many guesses allowed? $ ightarrow$ Lockout policy maintained or not?
	Add only spaces in new password and confirmed password. Then Hit enter and see the result
	Does it display old password on the same page after completion of forget password formality?
	Ask for two password reset link and use the older one from user's email
	Check if active session gets destroyed upon changing the password or not?
	Weak password reset implementation Password reset token sent over HTTP
	Send continuous forget password requests so that it may send sequential tokens
▼ Co	ontact Us Form Testing
	Is CAPTCHA implemented on contact us form in order to restrict email flooding attacks?
	Does it allow to upload file on the server?
	Blind XSS
▼ Pro	oduct Purchase Testing
•	Buy Now
	☐ Tamper product ID to purchase other high valued product with low prize
	☐ Tamper product data in order to increase the number of product with the same prize
•	Gift/Voucher

☐ Tamper gift/voucher count in the request (if any) to increase/decrease the number of vouchers/gifts to be used)
☐ Tamper gift/voucher value to increase/decrease the value of the voucher in terms of money. (e.g. \$100 is given as a voucher, tamper value to increase, decrease money)	
Reuse gift/voucher by using old gift values in parameter tampering	
☐ Check the uniqueness of gift/voucher parameter and try guessing other gift/voucher code	
Use parameter pollution technique to add the same voucher twice by adding same parameter name and value again with & in the BurpSuite request	
▼ Add/Delete Product from Cart	
☐ Tamper user id to delete products from other user's cart	
☐ Tamper cart id to add/delete products from other user's cart	
☐ Identify cart id/user id for cart feature to view the added items from other user's account	
▼ Address	
☐ Tamper BurpSuite request to change other user's shipping address to yours	
☐ Try stored XSS by adding XSS vector on shipping address	
Use parameter pollution technique to add two shipping address instead of one trying to manipulate application to send same item on two shipping address	
▼ Place Order	
☐ Tamper payment options parameter to change the payment method. E.g. Consider some items cannot be ordered for cash on delivery but tampering request parameters from debit/credit/PayPal/net banking opti to cash on delivery may allow you to place order for that particular item	
☐ Tamper the amount value for payment manipulation in each main and sub requests and responses	
☐ Check if CVV is going in cleartext or not	
☐ Check if the application itself processes your card details and then performs a transaction or it calls any third-party payment processing company to perform a transaction	
▼ Track Order	
☐ Track other user's order by guessing order tracking number	
☐ Brute force tracking number prefix or suffix to track mass orders for other users	
▼ Wish list page testing	
☐ Check if a user A can add/remote products in Wishlist of other user B's account	
☐ Check if a user A can add products into user B's cart from his/her (user A's) Wishlist section.	
▼ Post product purchase testing	
☐ Check if user A can cancel orders for user B's purchase	
☐ Check if user A can view/check orders already placed by user B	
☐ Check if user A can modify the shipping address of placed order by user B	
▼ Out of band testing	
Can user order product which is out of stock?	
▼ Banking Application Testing	
▼ Billing Activity	
☐ Check if user 'A' can view the account statement for user 'B'	
☐ Check if user 'A' can view the transaction report for user 'B'	
☐ Check if user 'A' can view the summary report for user 'B'	
☐ Check if user 'A' can register for monthly/weekly account statement via email behalf of user 'B'	

Check if user 'A' can update the existing email id of user 'B' in order to retrieve monthly/weekly accour summary	nt
▼ Deposit/Loan/Linked/External Account Checking	
☐ Check if user 'A' can view the deposit account summary of user 'B'	
☐ Check for account balance tampering for Deposit accounts	
▼ Tax Deduction Inquiry Testing	
Check if user 'A' with it's customer id 'a' can see the tax deduction details of user 'B' by tampering his, customer id 'b'	'her
☐ Check parameter tampering for increasing and decreasing interest rate, interest amount, and tax refu	nd
☐ Check if user 'A' can download the TDS details of user 'B'	
☐ Check if user 'A' can request for the cheque book behalf of user 'B'.	
▼ Fixed Deposit Account Testing	
☐ Check if is it possible for user 'A' to open FD account behalf of user 'B'	
☐ Check if Can user open FD account with the more amount than the current account balance	
▼ Stopping Payment on basis of cheque/date range	
Can user 'A' stop the payment of user 'B' via cheque number	
Can user 'A' stop the payment on basis of date range for user 'B'	
▼ Status Enquiry Testing	
Can user 'A' view the status enquiry of user 'B'	
☐ Can user 'A' modify the status enquiry of user 'B'	
Can user 'A' post and enquiry behalf of user 'B' from his own account	
▼ Fund transfer testing	
☐ Is it possible to transfer funds to user 'C' instead of user 'B' from the user 'A' which was intended to transfer from user 'A' to user 'B'	ansfer
☐ Can fund transfer amount be manipulated?	
☐ Can user 'A' modify the payee list of user 'B' by parameter manipulation using his/her own account	
☐ Is it possible to add payee without any proper validation in user 'A' 's own account or to user 'B' 's account or to user 's	ount
▼ Schedule transfer testing	
Can user 'A' view the schedule transfer of user 'B'	
☐ Can user 'A' change the details of schedule transfer for user 'B'	
▼ Testing of fund transfer via NEFT	
☐ Amount manipulation via NEFT transfer	
☐ Check if user 'A' can view the NEFT transfer details of user 'B'	
▼ Testing for Bill Payment	
☐ Check if user can register payee without any checker approval	
☐ Check if user 'A' can view the pending payments of user 'B'	
☐ Check if user 'A' can view the payment made details of user 'B'	
▼ Open Redirection Testing	
▼ Common injection parameters	
/{payload} ?next={payload} ?url={payload} ?target={payload} ?rurl={nayload}	

	<pre>?dest={payload} ?destination={payload} ?redir={payload} ?redirect_uri={payload} ?redirect_uri={payload} ?redirect_fpayload} ?redirect/{payload} /cgi-bin/redirect.cgi?{payload} /out/{payload} /out/{payload} /login?to={payload} ?image_uri={payload} ?image_uri={payload} ?return={payload} ?return={payload} ?return={payload} ?return={payload} ?return={payload} ?return={payload} ?return={payload} ?return={payload} ?return={payload} ?continue={payload} ?continue={payload} ?return_path={payload} ?return_path={payload} </pre>
	Use burp 'find' option in order to find parameters such as URL, red, redirect, redir, origin, redirect_uri, target etc
	Check the value of these parameter which may contain a URL
	Change the URL value to www.tushar.com and check if gets redirected or not
	Try Single Slash and url encoding
	Using a whitelisted domain or keyword
	Using // to bypass http blacklisted keyword
	Using https: to bypass // blacklisted keyword
	Using \\ to bypass // blacklisted keyword
	Using \/\/ to bypass // blacklisted keyword
	Using null byte %00 to bypass blacklist filter
	Using ° symbol to bypass
▼ Ho	st Header Injection
	Supply an arbitrary Host header
	Check for flawed validation
•	Send ambiguous requests
	☐ Inject duplicate Host headers
	☐ Supply an absolute URL
	☐ Add line wrapping
	Inject host override headers
	L Injection Testing
•	Entry point detection
	☐ Simple characters
	Multiple encoding
	☐ Merging characters
	Logic Testing
	Weird characters
•	Use SQLmap to identify vulnerabile parameters
	Fill form in browser GUI submit it normally
	Go to history tab in burpsuite and find the relevent request
	Right click and select the option "copy to file"
	☐ Save file as anyname.txt

☐ SQLmap command to run
python sqlmap.py r ~/Desktop/textsqli.txt proxy= http://127.0.0.1:8080
Run SQL injection scanner on all requests
▼ Bypassing WAF
☐ Using Null byte before SQL query
☐ Using SQL inline comment sequence
☐ URL encoding
☐ Changing Cases (uppercase/lowercase)
☐ Use SQLMAP tamper scripts
▼ Time Delays
Oracle dbms_pipe.receive_message(('a'),10)
Microsoft WAITFOR DELAY '0:0:10'
PostgreSQL SELECT pg_sleep(10)
MySQL SELECT sleep(10)
▼ Conditional Delays
Oracle SELECT CASE WHEN (YOUR-CONDITION-HERE) THEN 'a' dbms_pipe.receive_message(('a'),10) ELSE NULL END FROM do
Microsoft IF (YOUR-CONDITION-HERE) WAITFOR DELAY '0:0:10'
PostgreSQL SELECT CASE WHEN (YOUR-CONDITION-HERE) THEN pg_sleep(10) ELSE pg_sleep(0) END
MySQL SELECT IF(YOUR-CONDITION-HERE, sleep(10), 'a')
▼ Cross-Site Scripting Testing
☐ Try XSS using QuickXSS tool by theinfosecguy
Upload file using ""> .txt
☐ If script tags are banned, use <h1> and other HTML tags</h1>
☐ If output is reflected back inside the JavaScript as a value of any variable just use alert(1)
if " are filtered then use this payload />
☐ Upload a JavaScript using Image file
Unusual way to execute your JS payload is to change method from POST to GET. It bypasses filters sometimes
▼ Tag attribute value
Input landed - <input name="state" type="text" value="INPUT_FROM_ USER"/>
Payload to be inserted -" onfocus="alert(document.cookie)"
Syntax Encoding payload "%3cscript%3ealert(document.cookie)%3c/script%3e"
▼ XSS filter evasion
< and > can be replace with html entities < and >
You can try an XSS polyglot.Eg:-javascript:/→ <svg onload='+/"/+/onmouseover=1/+/[/[]/+alert(1)//'></svg>
▼ XSS Firewall Bypass
☐ Check if the firewall is blocking only lowercase
☐ Try to break firewall regex with the new line(\r\n)
☐ Try Double Encoding

	☐ Testing for recursive filters
	☐ Injecting anchor tag without whitespaces
	☐ Try to bypass whitespaces using Bullet
	☐ Try to change request method
▼ C	SRF Testing
	Validation of CSRF token depends on request method
	Validation of CSRF token depends on token being present
	CSRF token is not tied to the user session
	CSRF token is tied to a non-session cookie
	Validation of Referer depends on header being present
▼ SS	SO Vulnerabilities
	If internal.company.com Redirects You To SSO e.g. auth.company.com, Do FUZZ On Internal.company.com
	If company.com/internal Redirects You To SSO e.g. Google login, Try To Insert public Before internal e.g. company.com/public/internal To Gain Access Internal
	Try To Craft SAML Request With Token And Send It To The Server And Figure Out How Server Interact With This
	If There Is AssertionConsumerServiceURL In Token Request Try To Insert Your Domain e.g. http://me.com As Value To Steal The Token
	If There Is AssertionConsumerServiceURL In Token Request Try To Do FUZZ On Value Of AssertionConsumerServiceURL If It Is Not Similar To Origin
	If There Is Any UUID, Try To Change It To UUID Of Victim Attacker e.g. Email Of Internal Employee Or Admin Account etc
	Try To Figure Out If The Server Vulnerable To XML Signature Wrapping OR Not?
	Try To Figure Out If The Server Checks The Identity Of The Signer OR Not?
	Try To Inject XXE Payloads At The Top Of The SAML Response
	Try To Inject XSLT Payloads Into The Transforms Element As A Child Node Of The SAML Response
	If Victim Can Accept Tokens Issued By The Same Identity Provider That Services Attacker, So You Can Takeover Victim Account
	While Testing SSO Try To search In Burp Suite About URLs In Cookie Header e.g. Host=IP; If There Is Try To Change IP To Your IP To Get SSRF
▼ XI	ML Injection Testing
	Change the content type to text/xml then insert below code. Check via repeater
•	<pre><?xml version="1.0" encoding="ISO 8859 1"?> <!DOCTYPE tushar [<!ELEMENT tushar ANY <!ENTITY xxe SYSTEM "file:///etc/passwd" >]><tushar>&xxe<!-- <!ENTITY xxe SYSTEM "file:///etc/hosts" -->]><tushar>&xxe<!-- <!ENTITY xxe SYSTEM "file:///proc/self/cmdline" -->]><tushar>&xxe<!-- <!ENTITY xxe SYSTEM "file:///proc/version" -->]><tushar>&xxe<!--</pre--></tushar></tushar></tushar></tushar></pre>
_	Blind XXE with out-of-band interaction
→ CI	Terrors parsing Origin headers
	Errors parsing Origin headers Miniteliated multiparing value
] Whitelisted null origin value

▼ Server-side request forgery (SSRF)

▼ Common injection parameters

```
"access=",
"admin=",
"dbg=",
"debug=",
"edit=",
"grant=",
"test=",
"alter=",
"clone=",
"delete=",
"disable=",
"enable=",
"exec=",
"execute=",
"load=",
"make=",
"modify=",
"rename=",
"reset=",
"shell=",
"toggle=",
"adm=",
"root=",
"cfg=",
"dest=",
"redirect=",
"uri=",
"path=",
"continue=",
"url=",
"window=",
"next=",
"reference=",
"site=",
"html=",
"val=",
"validate=",
"domain=",
"callback=",
"return=",
"page=",
"feed=",
"host=",
"port=",
"to=",
"out=",
"view=",
"dir=",
"show=",
"navigation=",
"open=",
"file=",
"document=",
"folder=",
"pg=",
"php_path=",
"style=",
"doc=",
"img=",
"filename="
```

☐ Try basic localhost payloads

7	Bypassing filters
	☐ Bypass using HTTPS
	☐ Bypass with [::]
	☐ Bypass with a domain redirection
	☐ Bypass using a decimal IP location
	☐ Bypass using IPv6/IPv4 Address Embedding
	☐ Bypass using malformed urls

Bypass using rare address(short-hand IP addresses by dropping the zeros)
Bypass using enclosed alphanumerics
▼ Cloud Instances
▼ AWS
http://instance-data http://169.254.169.254 http://169.254.169.254/latest/user-data http://169.254.169.254/latest/user-data/iam/security-credentials/[ROLE NAME] http://169.254.169.254/latest/meta-data/ http://169.254.169.254/latest/meta-data/iam/security-credentials/[ROLE NAME] http://169.254.169.254/latest/meta-data/iam/security-credentials/PhotonInstance http://169.254.169.254/latest/meta-data/ami-id http://169.254.169.254/latest/meta-data/reservation-id http://169.254.169.254/latest/meta-data/hostname http://169.254.169.254/latest/meta-data/public-keys/ http://169.254.169.254/latest/meta-data/public-keys/0openssh-key http://169.254.169.254/latest/meta-data/public-keys/[ID]/openssh-key http://169.254.169.254/latest/meta-data/jublic-keys/[ID]/openssh-key http://169.254.169.254/latest/meta-data/iam/security-credentials/dummy http://169.254.169.254/latest/meta-data/iam/security-credentials/s3access http://169.254.169.254/latest/meta-data/iam/security-credentials/s3access http://169.254.169.254/latest/meta-data/iam/security-credentials/s3access
▼ Google Cloud
http://169.254.169.254/computeMetadata/v1/ http://metadata.google.internal/computeMetadata/v1/ http://metadata/computeMetadata/v1/ http://metadata.google.internal/computeMetadata/v1/instance/hostname http://metadata.google.internal/computeMetadata/v1/instance/id http://metadata.google.internal/computeMetadata/v1/project/project-id
▼ Digital Ocean
curl http://169.254.169.254/metadata/v1/id http://169.254.169.254/metadata/v1.json http://169.254.169.254/metadata/v1/ http://169.254.169.254/metadata/v1/id http://169.254.169.254/metadata/v1/user-data http://169.254.169.254/metadata/v1/hostname http://169.254.169.254/metadata/v1/region http://169.254.169.254/metadata/v1/interfaces/public/0/ipv6/address
▼ Azure
http://169.254.169.254/metadata/v1/maintenance http://169.254.169.254/metadata/instance?api-version=2017-04-02 http://169.254.169.254/metadata/instance/network/interface/0/ipv4/ipAddress/0/publicIpAddress?api-version=2017-04-02&f ormat=text
☐ Bypassing via open redirection
▼ File Upload Testing
upload the malicious file to the archive upload functionality and observe how the application responds
upload a file and change its path to overwrite an existing system file
☐ Large File Denial of Service
□ Metadata Leakage

☐ ImageMagick Library Attacks

☐ Null Byte (%00) Bypass☐ Content-Type Bypass

☐ Pixel Flood Attack

▼ Bypasses

	☐ Magic Byte Bypass
	☐ Client-Side Validation Bypass
	☐ Blacklisted Extension Bypass
	☐ Homographic Character Bypass
▼ CA	PTCHA Testing
	Missing Captcha Field Integrity Checks
	HTTP Verb Manipulation
	Content Type Conversion
	Reusuable Captcha
	Check if captcha is retrievable with the absolute path such as www.tushar.com/internal/captcha/images/24.png
	Check for the server side validation for CAPTCHA.Remove captcha block from GUI using firebug addon and submit request to the server
	Check if image recognition can be done with OCR tool?
▼ JW	/T Token Testing
	Brute-forcing secret keys
	Signing a new token with the "none" algorithm
	Changing the signing algorithm of the token (for fuzzing purposes)
	Signing the asymmetrically-signed token to its symmetric algorithm match (when you have the original public key)
▼ We	ebsockets Testing
	Intercepting and modifying WebSocket messages
	Websockets MITM attempts
	Testing secret header websocket
	Content stealing in websockets
	Token authentication testing in websockets
▼ Gra	aphQL Vulnerabilities Testing
	Inconsistent Authorization Checks
	Missing Validation of Custom Scalars
	Failure to Appropriately Rate-limit
	Introspection Query Enabled/Disabled
▼ Wo	ordPress Common Vulnerabilities
	XSPA in wordpress
	Bruteforce in wp-login.php
	Information disclosure wordpress username
	Backup file wp-config exposed
	Log files exposed
	Denial of Service via load-styles.php
	Denial of Service via load-scripts.php
	DDOS using xmlrpc.php
▼ De	nial of Service
	Cookie bomb

		Pixel flood, using image with a huge pixels
		Frame flood, using GIF with a huge frame
		ReDoS (Regex DoS)
		CPDoS (Cache Poisoned Denial of Service)
7	Oth	ner Test Cases (All Categories)
	•	Check for security headers and at least
		☐ X Frame Options
		☐ X-XSS header
		☐ HSTS header
		☐ CSP header
		☐ Referrer Policy
		☐ Cache Control
		☐ Public key pins
	•	Testing for Role authorization
		☐ Check if normal user can access the resources of high privileged users?
		☐ Forced browsing
		☐ Insecure direct object reference
		Parameter tampering to switch user account to high privileged user
	•	Blind OS command injection
		using time delays
		by redirecting output
		with out-of-band interaction
		with out-of-band data exfiltration
		Command injection on CSV export (Upload/Download)
		CSV Excel Macro Injection
		If you find phpinfo.php file, check for the configuration leakage and try to exploit any network vulnerability.
		Parameter Pollution Social Media Sharing Buttons
	•	Broken Cryptography
		☐ Cryptography Implementation Flaw
		☐ Encrypted Information Compromised
		☐ Weak Ciphers Used for Encryption
	•	Web Services Testing
		☐ Test for directory traversal
		☐ Web services documentation disclosure Enumeration of services, data types, input types boundaries and limits

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