Introduction

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12:53 PM

Web apps are interactive apps in web

typically use client-server architecture to run and handle interactions

Web apps us websites

welcites were static and did not charge in real time dwelgers weded to charge a page

these types of sites are wet 1.0

Web 2.0 are web apps w/ dynamical content based on uses interaction

can also be modulate

· Ion on any display size · Ion on any platform without being of finized

Web apps us Native os apps

web apps are platfaille independant can row in any browser or any 05

no install needed because they we executed on the remote served

version unity - all users using web

· dont need to jost to each the

· updated in single (ocation
short duing bailds for each
platform

Native OS apps have befter operation

speed we can see OS libraries

and hashwar

not limited to browser's copabilities

Wes app distribution

open-source wel apps:

- · wordpress
- · open cart
- Joonla

proprietary

. 1111 X

- · Wix
- · Shapify
- · Pot Netwee

Society risks of web apps

Vast attack surface - accessible

by anyone w/ internet

many scanning tools to Find

vulnerabilitées

Attacks can lead to serious losses because servers may most other sensitive into or are inked to sensitive dbs

dons wed to test appr and ensure how changed don't raise new hen charged don't can

OWASP was security testing girds

· typically start on Frontend HTML, JS, CS · there look at core fructions and · there look at core fructions and · interactions w/ server to enumerate · services

Attacking web applications

not very common to find externally facing host exploitable to a known public exploit

not uncommon to find flances that lead to rade exec often Rud Sali on wet appr that OS AD For auter Cant osually one to get proords but car get emails which are often usernames can be used for password spraying real-world examples: - SQLi -7 get AD oservaires and do passered sprague against JPN or enoul - File inclusion -> reading sorrce code to find lidden page or directory which exposes function directory which exposes to gain remote coole execution

- unrestricted file upload -> upload

File for vulinited control over

Server

- INSECURE direct object referencing

 (IDOR) -> when combo w/

 broken access control can be used

 to access user's files or functionalisis
- broken access control -7 abree

 PDST request when creating new

 Uses to make vew admin

 Uses