

	FECHNOLOGY MAVI MUMBAI
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	To study Session Management for Web Applications - Session management refers to the process of securely handling multiple requests to a web-based application or service from single user or entity. Websites and bonuser use HTTP to communicate, and a session is a series of HTTP requests and transcactions initiated by the same user Typically, a session is strated when a user authenticates their identity using a passwood or another authentication protocol. session management involves the sharing of secrets with authenticated, users and as such secure cryptographic network communication are essential to maintaing session management scars
6	Securing Session Management with veracods - Vercode provides leading application security testing solutions that help to protect the software driving huminess today. - Built on a unified, cloud - based platform our testing services enables development teams and IT administrators to go beyond the networks security firewalls to significantly improve application security without slowing development timelines. With veracode, organization no longer need to choose between speed and security
	when developing software.
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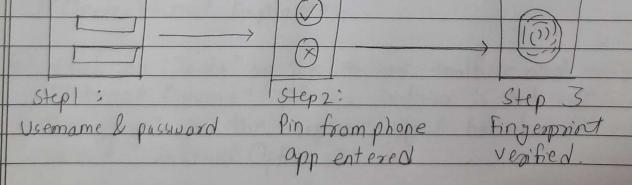


Japlement identify and authentication controls by applying one of the following security rule: ii)

ii) Include multi-factor authentication

Multi-factor Authentication (MFA) is an authentication method that requires the user to provide two or more verification factors to gain access to a resource such as an application, online account, or a VPN MFA is a core component of a strong identify and access management (IAM) policy Rather than just asking for username and password, MFA requires the or more additional verification factors, which decreases the likelihood of a successful cyper attack.

Multifactor Authentication



MFA works by requesting additional verification information (factors). One of most common MFA factors that users encounted are one-time passwords (OTP). OTPs are those 4-8 digit codes that



often recieve vial email, SMS or some sort of mobile App with OTPs a new code is generated periodically or each time on authentication request

Three Main types of MFA
- Things you know, such as password PIN

- Things you have, such as a badge or smootphone - Things you are, such as biometric like fingerpoint

or voice reagnition.

Generate Digital Costsficate and import it in your

Steps to install Digitial certificate to web Internet Explorer:

- O Open internet Explorer.
- @ click on "Tools" on the dollar toolbar and select "Internet Options" If the toolbar is not visible, dick the "gear" in the upper-night hand comes and select "Internet Options".
- 3) Select the "Content tap"
- a click the "Cortificate" button select the "personal" tub and click the "import..." button.

- Dext button to start the wixard
- O Click the "Browse... " button.
- Costo the location where you stored your digital costificate and make sure the button next to file name." shows "fexsonal Information Exchange" (* .pf., *.p12)" is selected.
- (3) Select the filename you saved the certificate as and click the "Open" button.
- 1 Ensure the fileman is correct and dick the "next" button in the " (extificate import wirard" window.
- The certificate in the password you used to download the certificate in the password" text box and secure the second and third check hoxes are selected then click the "next" button.
- To the window ' Completing the certificate Import windred" venify your information and dick the "Finish" button.
- De You will get a notification window if all steps have been performed properly.