Welcome to

Identity Shield 2024

Where Pune talks Cyber Security

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Why have a Cyber Security Conference?

Cyber Security trends - consumers

IdentityShield

People lose ₹3 crore to cybercrime across Maha daily, says DIG Shintre

- Job Scam
- Marriage Scam
- Pension Scam
- Investment scam
- Loan fraud
- Online support scam
- Online orders scam
- Lottery scam

List is endless…

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Enforcement agencies are inundated with cyber fraud complaints

Reporting Infrastructure is inadequate

ED busts cyber scam in India on Irish complaint

- **Scammers are scamming foreigners sitting here in India**

- **Too many scams to investigate
  A large number of people are not even reporting because of different reasons**

- **Those that are reported, the arbitration could take months with no results**

- **Getting back what is lost can be tedious and is a long process**

- **Sometimes its more than money that is lost**

Key takeaway for consumers - What is the solution to this menace?

Newspaper clipping headline: **Drop OTP? You'll still need phone**
Mayur.Shetty@timesgroup.com

RBI SEEKS ALTERNATIVES

Mumbai: RBI has asked regulated entities like banks to look at alternatives to SMS-based one-time passwords for second-factor authentication. While there are alternatives, a mobile phone is central to all of them.

Bankers say that OTPs are susceptible to 'social engineering' frauds where one manages to get the customer to divulge the password or obtains the same through a SIM swap.

The most common alternative to OTP is an authenticator app that requires the user to obtain a password from another application on the phone. Service providers have developed other options as well like tokens within the mobile app. While this establishes the pro-

- RBI has asked regulated entities to look at alternatives to SMS-based OTPs for two-factor authentication **amid rising fraud cases**
- The most common alternative to OTP is an **authenticator app** that requires the user to obtain a password from another application
- Service providers have also developed other options as well like **tokens within the mobile app.** While this establishes the authenticity of the message, it still needs a phone.

- **Cyber Security Education**

- **Site should authenticate itself to the user first**

- **Password less authentication**

- **Adaptive Authentication**

Call to action - Talk to 5 people around you and make them aware that this is happening and they need to be extra assertive

What's happening in the Enterprise world?

Cyber Security trends – Enterprise

Infosys US Subsidiary Named as Source of Data Leak at BoA

Identifies IMS as source of data leak which led to Nov ransomware attack

- **Data leaks** - Private information
  Health Information
  Customer information
  Credit card data
  Ransomware
  Denial of Service attacks
  Insider threat

- Access is gained through 3rd party vendors where security is not top notch

- **Phishing attacks** are carried out on non technical staff

- Sophisticated attacks – **DOS, Ransomware**

Key takeaway for enterprises

- **Background checks**

- **3rd party access control**

- **Privilege access management**

- **Cyber Security education to prevent phishing attacks**

- **Keeping systems upto date with patches, not keeping un-necessary ports open, restricting access, sophisticated security systems in place**

- **SSO, MFA**

It is all about Identity and Access

Identity Shield has something for your unique Cyber Security needs.

IdentityShield 2024 Consumer section

1. **Posters for Cyber Security Education** – To spread awareness. Different types of fraud happening in our society and how to prevent them.
2. **Sessions on protecting your online identity – Basic track**

IdentityShield 2024 – Enterprise section

1. **Posters for Cyber Security Education** for enterprises
2. **Sessions on advanced topics related to Identity, Access, Single Sign on, Multi Factor Authentication**
3. **Booths showcasing different Cyber security products that are being used by our 20000 customers worldwide**

IdentityShield 2024 – For students

1. **To have a career in CyberSecurity, its very important to know how to create Security products rather than knowing how to use them!**