# Instagram Account Threat Model

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## **Executive Summary**

## High level system description

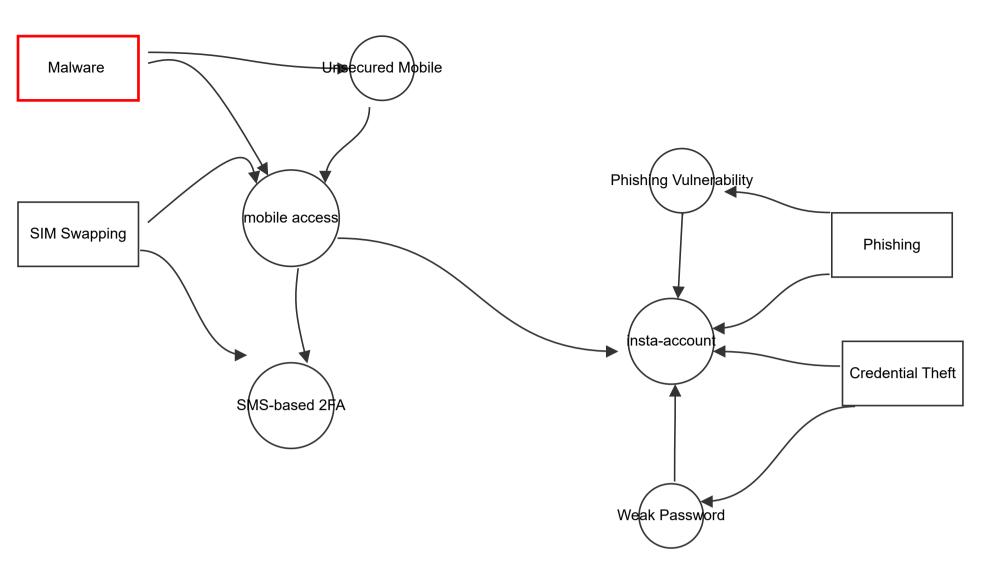
Not provided

### Summary

Total Threats	3
Total Mitigated	2
Not Mitigated	1
Open / High Priority	0
Open / Medium Priority	1
Open / Low Priority	0
Open / Unknown Priority	0

### Instagram Account diagram

This diagram represents the threats, vulnerabilities, and mitigations related to securing a business Instagram account from potential attacks



## Instagram Account diagram

insta-account (Process)											
Assets											
Number	Title	Туре	Priority	Status	Score	Description	Mitigations				
mobile access (Process)											
Assets											
Number	Title	Туре	Priority	Status	Score	Description	Mitigations				
Data Flov	w (Data Fl	ow)									
Number	Title	Туре	Priority	Status	Score	Description	Mitigations				
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Number	Title	Туре	Priority	Status	Score	Description	Mitigations				
Data Flov	w (Data Fl	ow)									
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#### Data Flow (Data Flow)

Number	Title	Туре	Priority	Status	Score	Description	Mitigations				
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Data Flow (Data Flow)											
Number	Title	Туре	Priority	Status	Score	Description	Mitigations				
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Number	Title	Туре	Priority	Status	Score	Description	Mitigations				
Data Flow (	Data Flov	v)									
Number	Title	Туре	Priority	Status	Score	Description	Mitigations				
Data Flow (	Data Floy	w)									
Data Flow (	Data Flov	<b>(V)</b>									
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Number	Title	Туре	Priority	Status	Score	Description	Mitigations				
Data Flow (	Data Flov	v)									
Number	Title	Туре	Priority	Status	Score	Description	Mitigations				
Data Flow (	Data Flov	v)									
Number	Title	Туре	Priority	Status	Score	Description	Mitigations				
Data Flow (	Data Flov	w)									
Data Flow (Data Flow)											

Number Title Type Priority Status Score Description Mitigations

#### SIM Swapping (Actor)

threat-attack

Number	Title	Туре	Priority	Status	Score	Description	Mitigations
6	SIM Swapping	Spoofing	Medium	Mitigated		Provide a description for this threat	Switch from SMS-based two-factor authentication (2FA) to an app-based 2FA method (e.g., Google Authenticator), which is less vulnerable to SIM-swapping attacks

#### Phishing (Actor)

threat-attack

Number	Title	Туре	Priority	Status	Score	Description	Mitigations

#### **Credential Theft (Actor)**

threat-attacker

Nur	mber	Title	Туре	Priority	Status	Score	Description	Mitigations
8		Credential Theft	Spoofing	High	Mitigated		Provide a description for this threat	Ensure the Instagram account uses a strong and unique password, stored in a password manager, to prevent credential theft via brute-force attacks or breaches

#### Malware (Actor)

threat-malicious software

Number	Title	Туре	Priority	Status	Score	Description	Mitigations
0	New STRIDE threat	Spoofing	Medium	Open		Provide a description for this threat	Provide remediation for this threat or a reason if status is N/A

#### SMS-based 2FA (Process)

vulnerability

Number	Title	Туре	Priority	Status	Score	Description	Mitigations	

#### Weak Password (Process)

Number Title Type Priority Status Score Description Mitigations

#### Phishing Vulnerability (Process)

**Vulnerability** 

Number Title Type Priority Status Score Description Mitigations

#### **Unsecured Mobile (Process)**

vulnerability

Number Title Type Priority Status Score Description Mitigations