# OWASP MASVS - V2: Data Storage and Privacy Requirements

MASVS V2 - MSTG-STORAGE-2 - Shared Preferences

MASVS V2 - MSTG-STORAGE-2 - SQLite Database

MASVS V2 - MSTG-STORAGE-2 - Firebase Database

MASVS V2 - MSTG-STORAGE-2 - Realm Database

MASVS V2 - MSTG-STORAGE-2 - Internal Storage

MASVS V2 - MSTG-STORAGE-2 - External Storage

MASVS V2 - MSTG-STORAGE-2 - Temporary File Creation

MASVS V2 - MSTG-PLATFORM-2 - Local Storage - Input Validation

MASVS V2 - MSTG-STORAGE-3 - Logs for Sensitive Data

MASVS V2 - MSTG-STORAGE-4 - NotificationManager

MASVMASVS V2 - MSTG-STORAGE-7 - Sensitive Data Disclosure Through the User Interface

S V2 - MSTG-STORAGE-5 - Keyboard Cache

MASVS V2 - MSTG-STORAGE-8 - AndroidManifest file - Package allowBackup

MASVS V2 - MSTG-STORAGE-9 - Auto-Generated Screenshots

MASVS V2 - MSTG-STORAGE-10 - Memory flush

MASVS V2 - MSTG-STORAGE-10 - ClipboardManager

MASVS V2 - MSTG-STORAGE-14 - Hard-coded Information

MASVS V2 - MSTG-STORAGE-14 - Possible Hard-coded Keys/Tokens/Secrets

# OWASP MASVS - V3: Cryptography Requirements MASVS V3 - MSTG-CRYPTO-1 - Symmetric Cryptography

MASVS V3 - MSTG-CRYPTO-4 - Insecure/Deprecated Cryptographic Algorithms

MASVS V3 - MSTG-CRYPTO-3 - Insecure/Weak Cipher Modes

MASVS V3 - MSTG-CRYPTO-3 - Static IVs

MASVS V3 - MSTG-CRYPTO-6 - Weak Random functions

# OWASP MASVS - V4: Authentication and Session Management Requirements

MASVS V4 - MSTG-AUTH-2 - Cookies

MASVS V4 - MSTG-AUTH-8 - Biometric Authentication

MASVS V4 - MSTG-AUTH-8 - if Keys are not invalidated after biometric enrollment

# OWASP MASVS - V5: Network Communication Requirements

 MASVS V5 - MSTG-NETWORK-1 - Network Security Configuration file

 MASVS V5 - MSTG-NETWORK-1 - Possible MITM attack

MASVS V5 - MSTG-NETWORK-2 - Weak SSL/TLS protocols

 MASVS V5 - MSTG-NETWORK-2 - Cleartext Traffic

 MASVS V5 - MSTG-NETWORK-3 - Server Certificate

 MASVS V5 - MSTG-NETWORK-3 - WebView Server Certificate

 MASVS V5 - MSTG-NETWORK-3 - Hostname Verification

MASVS V5 - MSTG-NETWORK-4 - Hard-coded Certificates/Key/Keystore files

MASVS V5 - MSTG-NETWORK-4 - Certificate Pinning settings

 MASVS V5 - MSTG-NETWORK-4 - Certificate Pinning implementation

 MASVS V5 - MSTG-NETWORK-4 - Custom Trust Anchors

MASVS V5 - MSTG-NETWORK-6 - Security Provider

# OWASP MASVS - V6: Platform Interaction Requirements

 MASVS V6 - MSTG-PLATFORM-1 – Permissions

 MASVS V6 - MSTG-PLATFORM-1 - Deprecated/Unsupprotive Permissions

MASVS V6 - MSTG-PLATFORM-1 - Custom Permissions

MASVS V6 - MSTG-PLATFORM-1 - Exported service/activity/provider/receiver without permission set

MASVS V6 - MSTG-PLATFORM-2 - potential SQL Injection

MASVS V6 - MSTG-PLATFORM-2 - potential Cross-Site Scripting Flaws

MASVS V6 - MSTG-PLATFORM-2 - potential Code Execution Flaws

 MASVS V6 - MSTG-PLATFORM-2 - Fragment Injection

MASVS V6 - MSTG-PLATFORM-2 - EnableSafeBrowsing

 MASVS V6 - MSTG-PLATFORM-2 - URL Loading in WebViews

MASVS V6 - MSTG-PLATFORM-3 - Custom URL Schemes

 MASVS V6 - MSTG-PLATFORM-4 - Implicit intent used for broadcast

MASVS V6 - MSTG-PLATFORM-4 - Implicit intent used for activity

 MASVS V6 - MSTG-PLATFORM-5 - JavaScript Execution in WebViews

MASVS V6 - MSTG-PLATFORM-6 - Remote/Local URL load in WebViews

MASVS V6 - MSTG-PLATFORM-6 - Hard-coded Links

MASVS V6 - MSTG-PLATFORM-6 - Resource Access permissions

MASVS V6 - MSTG-PLATFORM-6 - Remote WebView Debugging setting

 MASVS V6 - MSTG-PLATFORM-7 - Java Objects Are Exposed Through WebViews

MASVS V6 - MSTG-PLATFORM-8 - Object Persistence

MASVS V6 - MSTG-PLATFORM-10 - WebViews Cleanup

 MASVS V1 - MSTG-ARCH-9 - AppUpdateManager

 MASVS V1 - MSTG-ARCH-9 - potential third-party application installation

# OWASP MASVS - V7: Code Quality and Build Setting Requirements

MASVS V7 - MSTG-CODE-2 - AndroidManifest file - Package Debuggable

MASVS V7 - MSTG-CODE-4 - StrictMode

MASVS V7 - MSTG-CODE-6 - Exception Handling

 MASVS V7 - MSTG-CODE-9 - Obfuscated Code

# OWASP MASVS - V8: Resilience Requirements

MASVS V8 - MSTG-RESILIENCE-1 - Root Detection

 MASVS V8 - MSTG-RESILIENCE-2 - Anti-Debugging Detection

MASVS V8 - MSTG-RESILIENCE-3 - File Integrity Checks

MASVS V8 - MSTG-RESILIENCE-5 - Emulator Detection

MASVS V8 - MSTG-RESILIENCE-7 - Defence Mechanisms