

Session ID: ASEC-202 Session Classification: Intermediate

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 Device, 	Identities and keys Device, user, and group keys Certificates 	
Android.security.K	eyChain class	
Public Methods		
static void	choosePrivateKeyAlias (Activity activity, KeyChainAliasCallback response, String[] keyTypes, Principal[] is Launches an Activity for the user to select the alias for a private key and certificate pair for authentic	
static Intent	createInstallIntent () Returns an Intent that can be used for credential installation.	
static X509Certificate[]	getCertificateChain (Context context, String alias) Returns the X509Certificate chain for the requested alias, or null if no there is no result.	
static PrivateKey	getPrivateKey (Context context, String alias) Returns the PrivateKey for the requested alias, or null if no there is no result.	
CRYPTOGRAPHY RESEARCH educated from the	RSACONFERENCE 2012	































mplementation	strength is crucial
Policy engine property	Platform tools & capabilities
Correctness of engine execution	Authenticated bootloader Process separation State management on sleep/resume Glitch protection
Preserve secrets (opacity)	Process separation Side channel resistance Hardware key management
Correctness of identity information	Public keyring management Native platform access, hardware IDs
Application control	OS privilege Sandboxing
Examine state of system	OS privilege Process monitoring
Hardware control	Native code interfaces, hardware security partitions









