/system/app/>Filename<	App name	What it is/does	Safe to delete?	Impact	Permissions
Anallanah	Analla	Musicalana	Ves		WRITE_EXTERNAL_STORAGE ACCESS_NETWORK_STATE INTERNATE BROADGAST_STICKY BROADGAST_STICKY READ PHONE_STATE WRITE_SETTINGS com_android_launchepermission.INSTALL_SHORTCUT
Apollo.apk	Apollo	Music player app Fetches the list of applications installed	yes	noting discovered	GET_TASKS
ApplicationsProvider.apk	Search Applications Provider	on the phone to provide search suggestions	better not	not tested, feel free to do so	PACKAGE USAGE STATS
BackupRestoreConfirmation.apk	BackupRestoreConfirmation	Shows a confirmation dialog (30 seconds) if you use Google backup / restore functionalities	yes	if you don't using Google backup / recovery -> nothing discovered	BACKUP CRYPT_KEEPER
BasicDreams.apk	Basic Daydreams	Daydream (some kind of screensaver) Settings -> Display -> Daydream	yes	if you don't using Daydream -> noting discovered	-
Bluetooth.apk	Bluetooth Share	Sharing files over Bluetooth	yes	if you don't want to share files over Bluetooth, (which isn't working on Replicant anyway, yet) -> You'll lose the BT point under the share menu, -> nothing else discovered	ACCESS BULETOOTH SHARE WHITELIST BULETOOTH DEVICE HANDOVER STATUS RECEIVE BOOT COMPLETED ACCESS BULETOOTH, SHARE BULETOOTH, SHARE BULETOOTH, SHARE BULETOOTH, SHARE BULETOOTH, SHARE BULETOOTH, SHARE BULETOOTH, ADMIN WAKE LOCK WRITE EXTERNAL STORAGE READ CONTACTS READ PHONE STATE WRITE, SETTINGS READ PHONE STATE WRITE, SETTINGS READ PHONE STATE WRITE, SHAS SEND SHAS COMMANDER WRITE, SHAS SEND SHAS COMMANDER WRITE, SHAS SEND
Browser.apk Calculator.apk	Browser Calculator	Stock web browser, using the WebView engine Calculator app	yes yes	noting discovered noting discovered	con android browser permission PRELOAD ACCESS COMES LOCATION ACCESS DOWNLOAD MANAGER ACCESS NETWORK STATE ACCESS WILL LOCATION ACCESS METWORK STATE ACCESS WILL STATE USE CREDENTIALS INTERNET INTERNET NET BOUWILLOAD COMPLETED INTENTS SEN WALL DAPR WARE LOCATION WALL DAPP WARE LOCATION WARE LOCATION WALL DAPP WARE LOCATION WARE
Calendar.apk	Calendar	Calendar app	better not	should work, if you don't using the app, but not tested, feel free to do so	GET_ACCOUNTS MANAGE_ACCOUNTS INTERNET VIBEATE  READ_CONTACTS READ_CONTACTS READ_CALENDAR WAKE_IOCK_MORA USE_CREDENTIALS READ_SETTINGS
zaichau.upk	Carcinaai	Carcinaar app	Detter Hot	not tested, reel free to do 30	com.google.android.googleapps.permission.GOOGLE_AUTH.mail

CalendarProvider.apk	Calendar Storage	Calendar entry storage, used by the calendar app	better not	should work, if you don't using the app above, but not tested, feel free to do so	READ CALEJUAN NUTIC CALEJUAN NUTIC CALEJUAN NUTIC CALEJUAN RECEVE BOOT, COMPLETED Com, goodje android, googleapps, permission, GOOGLE_AUTH. cl GET_ACCOUNTS USE_CREDENTIS USE_CREDENTIS READ_SYNC_SETTINGS NUTIC SYNC_SETTINGS NUT
				you'll lose the Cell broadcasts menu point under Settings -> More	RECEIVE SMS RECEIVE EMERGENCY BROADCAST RECEIVE BROOT COMPLETED READ PHONE STATE WAS LIDCK WAS L
CellBroadcastReceiver.apk	Cell Broadcasts	For receiving cell broadcast messages	yes	-> noting else discovered	INTERACT_ACROSS_USERS
<u>Certinstaller.apk</u>	Certificate Installer	Wi-Fi certificate installer, probably responsible for more?	better not	Should work, if you don't using Wi-Fi (which isn't working on Replicant anyway, yet) but not tested, feel free to do so	WRITE_EXTERNAL_STORAGE WRITE_EXTERNAL_STORAGE MOUNT_UNMOUNT_FILESYSTEMS SET_PREFERRED_APPLICATIONS ACCESS_SUPPLISE
					NEC 253_SUPERUSER NEC Com. android.launcher.permission.INSTALL_SHORTCUT com. cyanogenmod.filemanager.permissions.READ_THEME
CMFileManager.apk	File Manager	CyanogenMod file manager	yes	noting discovered	com.cyanogenmod.filemanager.permissions.READ_THEME
Contacts.apk	Contacts	Contacts app	better not	should work, if you don't using the app, but not tested, feel free to do so	CALL PRIVILEGED READ CONTACTS WRITE CONTACTS WRITE CONTACTS WRITE CONTACTS WRITE CONTACTS GET ACCOUNTS GET ACCOUNTS ACCESS CORRES LOCATION READ PROFILE WRITE STATE MODIFY ANDIO SETTINGS MODIFY ANDIO SETTINGS MODIFY ANDIO SETTINGS WODEL STATE WRITE SETTINGS WRITE SETTINGS USE CREENINGS WRITE SETTINGS USE CREENINGS WRITE SETTINGS USE CREENINGS WRITE SETTINGS COST ANDION OF THE WRITE SETTINGS COST AND OF THE WRITE SET
Contrate Brasidan and	Contracts Channel	Contacts entry storage, used by the	hattar nat	should work, if you don't using the app above, but	com.android.voicemail.permission.READ_WRITE_ALL_VOICEMAIL READ_CONTACTS WRITE_CONTACTS GET_ACCOUNTS GET_ACCOUNTS ACCESS_COARSE_LOCATION BIND_DIRECTORY_SEARCH
ContactsProvider.apk  DefaultContainerService.apk	Contacts Storage  Package Access Helper	contacts app  Needed to install apps	better not	not tested, feel free to do so  not tested to remove, feel free to do so	BIND_DIRECTORY_SEARCH ACCESS_DOWNLOAD MANAGER ACCESS_CE_DOWNLOADS ASEC_OREATE ASEC_CREATE ASEC_OREATE
				should work, if you don't using the app, but not tested, feel free to do so	RECEIVE BOTO COMPLETED WARE LOCK WIBRATE WRITE, SETTINGS DISABLE KEYGUARD READ PHONE STATE DEVICE POWER READ EXTENDAL STORAGE NITERAL COCKION INTERNET
DeskClock.apk	Clock	Clock and Alarm app	better not		

Development.apk	Dev Tools	Provides the menu point: Settings -> Developer options	better not	should work, if you don't using the app, but not tested, feel free to do so	ACCESS WIFL STATE ACCESS NETWORK, STATE CHANGE NETWORK, STATE CHANGE NETWORK, STATE DEVICE, WITL STATE DEVICE, WITL STATE DEVICE, WITL STATE DUMP GET ACCOUNTS HINTERACT, ACROSS, USERS, FULL HINTERACT, ACROSS, FULL HINTERACT, ACROSS, FULL HINTERACT, WARCH, MARCH, MARC
				should work, if you don't using the	
DeviceSettings.apk	Advanced settings	Provides the menu point: Settings -> Advanced	better not	app, but not tested, feel free to do so	RECEIVE_BOOT_COMPLETED WRITE_SECURE_SETTINGS
DownloadProvider.apk	Download Manager	Handles (e. g. web browser) downloads	no	not tested to remove, feel free to do so	ACCESS DOWNLOAD MANAGER ACCESS DOWNLOAD MANAGER ADVANCED SEND DOWNLOAD COMPLETED INTENTS DOWNLOAD CAND PURGEABLE DOWNLOAD CAND PURGEABLE DOWNLOAD COMPLETED INTENTS DOWNLOAD COMPLETED ACCESS DOWNLOAD MANAGER ACCESS DOWNLOAD COMPLETED ACCESS ON COMPLETED ACCESS ON COMPLETED ACCESS ON COMPLETED ACCESS NETWORK STATE WITE ATTENDAL STORAGE ACCESS NETWORK STATE UNDITE ATTENDAL STORAGE ACCESS ALL DOWNLOADS UPDATE DEVICE STATS CONNECTIVITY INTENNAL COMPLETIVITY INTENNAL COMPLETIVITY INTENNAL COMPLETIVITY INTENNAL COMPLETIVITY INTENNAL COMPLETIVITY INTENNAL
DownloadProviderUi.apk	Downloads	Download interface, showing the download status	no	not tested to remove, feel free to do so	SEND_DOWNLOAD_COMPLETED_INTENTS ACCESS_ALL_DOWNLOADS
DrmProvider.apk	DRM Protected Content Storage	Handles DRM containing media	no	not tested to remove, feel free to do so	ACCESS DRM INSTALL DRM RECEIVE WAP PUSH
DSPManager.apk	DSP Manager	(Digital Sound Processing) equalizer for tuning audio	yes	you'll lose the Music effects menu point under Settings -> Sound -> noting else discovered	MODIFY_AUDIO_SETTINGS RECEIVE_BOOT_COMPLETED BUILDFOOTH
Email2.apk	Email	Email app	yes	noting discovered	RECEIVE BOOT_COMPLETED ACCESS, NETWORK_STATE INTERNATION INTERNATION WRITE_EXTERNAL_STORAGE GET_ACCOUNTS MANAGE_ACCOUNTS MANAGE_ACCOUNTS READ_SYNC_SETTINGS WRITE_SYNC_SETTINGS WRITE_SYNC_SETTINGS READ_CONTACTS READ_CONTACTS READ_CONTACTS READ_CONTACTS READ_PROFILE NFC WAKE_LOCK READ_PHONE_STATE Com_angule_android_gallery3d_permission.CALLERY_PROVIDER Com_google_android_gallery3d_permission.CALLERY_PROVIDER Com_android_email_permission.READ_ATTACHMENT Com_android_email_permission.READ_ATTACHMENT Com_android_email_permission.READ_ATTACHMENT Com_android_email_permission.READ_ATTACHMENT Com_android_email_permission.READ_ATTACHMENT Com_android_email_permission.READ_ATTACHMENT Com_android_email_permission.CECESS_PROVIDER Com_android_email_permission.CECESS_PROVIDER
Exchange2.apk	Exchange Services	Exchange Services, used by email app	yes	If you don't want to sync with Exchange -> noting discovered	RECEIVE BOOT, COMPLETED ACCESS, NETWORK, STATE INTERNAT INTERNAT INTERNAT INTERNAL, STORAGE GEST ACCOUNTS MANAGE ACCOUNTS MANAGE ACCOUNTS READ SYNC, SETTINGS WAITE SYNC, SETTINGS WAITE SYNC, SETTINGS WAITE SYNC, SETTINGS WAITE CONTACTS READ CALENDAR WINTER CALENDAR WINTER CALENDAR WINTER CALENDAR WAS CONTACTS CONTACT

FDroid.apk	F-Droid	F-Droid app store	yes	noting discovered	INTERNET ACCESS, NETWORK, STATE ACCESS, WIFL STATE CHANGE, WIFL, STATE CHANGE, WIFL, STATE BULETOOTH RECEVE BOOT, COMBLETED WRITE, EXTERNAL, STORAGE NFC INSTALL, PACKAGES DELETE, PACKAGES DELETE, PACKAGES DELETE, PACKAGES ACCESS, SUPPRESER
і Біоіц.арк	i -biold		yes	flotting discovered	ACCESS_SUPERUSER
FusedLocation.apk	Fused Location	It should be a location service which combines GPS location and network location to achieve balance between battery consumption and accuracy	no	the boot process freezes, after removing this app	ACCESS_COARSE_LOCATION ACCESS_FINE_LOCATION INSTALL_LOCATION_PROVIDER
Gallery.apk	Gallery (while the .apk says: Camera [com.android.gallery])	Gallery app	yes	noting discovered	CAMERA RECORD AUDIO ACCESS FINE LOCATION WAKE LOCK SET WALLEPER WHITE EXTERNAL STORAGE READ SMS
HTMLViewer.apk	HTML Viewer	It should filters HTML to be more compatible	yes	noting discovered	READ_EXTERNAL_STORAGE
InputDevices.apk	Input Devices	It should provide layouts for the LatinIME keyboard	no	My LatinIME Keyboard doesn't come up to type in your assword for decryption at boot anymore not tested to remove,	
KeyChain.apk	Key Chain	It should be some kind of password keeper	no	feel free to do so	
LatinIME.apk	Android keyboard (AOSP)	Stock Android keyboard app	no	If your device is encrypted, this keyboard ist used ask you for the decryption password at boot. So you'll stuck at the decryption, if this app is removed	VIBRATE ACCESS, NETWORK, STATE READ, USER, DICTIONARY READ, CONTACTS
LegacyCamera.apk	Camera	Camera app	yes	noting discovered	CAMERA RECORD AUDIO ACCESS FINE LOCATION WAXE_LOCX SET_WALLEPRER WAITE EXTERNAL_STORAGE READ_SMS
LockClock.apk	cLock	CyanogenMod lockscreen widget	no	not tested to remove, feel free to do so	ACCESS, COARSE, LOCATION ACCESS, NETWORK, STATE WITERNET WITERNET RECEIVE BOOT, COMPLETED WARE, LOCK WARE, LOCK
MediaProvider.apk	Media Storage	Needed to access media files (e. g. ringtones)	no	not tested to remove, feel free to do so	RECEIVE BOOT COMPLETED WOITE SETTINGS WAKE LOCK WRITE SETTINGS WAKE LOCK WRITE EXTERNAL STORAGE WRITE MEDIA STORAGE ACCESS MTP MANAGE USERS MTERACT_ACROSS_USERS
Mms.apk	Messaging	SMS/MMS messaging app	yes	noting discovered	RECEIVE BOOT, COMPLETED CALL PHONE RAD CONTACTS WRITE CONTACTS WRITE CONTACTS WRITE CONTACTS RECEIVE SMS RECEIVE SMS RECEIVE SMS RECEIVE SMS VIBRATE RITENNE R
				not tested to remove,	INSTALL PACKAGES DELETE PACKAGES CLEAR APP CACHE READ PHONE STATE CLEAR APP USER DATA READ EVIDERAL STORAGE
PackageInstaller.apk	Package installer	Needed to Install non-market apps	no	feel free to do so	MANAGE_USERS

				not tested to remove,	BROADCAST_STICKY CALL_PHONE CALL_PHONE CALL_PHONE WINTE_SETTINGS WRITE_SCURE_SETTINGS WRITE_CONTACTS WRITE_CONTACTS WRITE_CONTACTS WRITE_CONTACTS WRITE_CALL_LOG SYSTEM_SETTINGS WRITE_CALL_LOG SYSTEM_SETTINGS WRITE_CALL_LOG SYSTEM_SETTINGS WRITE_CALL_LOG SYSTEM_SETTINGS WRITE_CONTACTS WRITE_SETTINGS WRITE_SMS STATUS BAR READ_SMS WRITE_SMS WRITE_
Phone.apk	Phone	Phone dialer	no	feel free to do so you'll lose the Text-to-speech outpu menu point under	com.āndrōid.phone.CHANGE_NETWORK_MODE t
PicoTts.apk	Pico TTS	Pico text-to-speech app	yes	Settings -> Language & input -> noting else discovered	DELETE_PACKAGES WRITE_EXTERNAL_STORAGE
Provision.apk	Provision	New phone setup wizard	yes	noting discovered	WRITE_SETTINGS WRITE_SECURE_SETTINGS
QuickSearchBox.apk	Search	Search app	yes	you'll lose the Search bar menu point functionality under Settings -> Launcher -> Homescreen -> noting else discovered	GLOBAL SEARCH READ CONTACTS com android browser permission.READ_HISTORY_BOOKMARKS ACCESS NETWORK_STATE INTERNET WRITE_SETTINGS
ReplicantWallpapers.apk	Replicant Wallpapers	Replicant Wallpapers app	yes	you'll lose the Replicant Wallpapers menu point under Settings -> Display -> Wallpaper -> noting else discovered	SET_WALLPAPER
SamsungServiceMode.apk	Service Mode	It enables the (Samsung related) Service Mode features	better not	not tested, feel free to do so	-

Settings.apk	Settings	Settings system	no	not tested to remove, feel free to do so	WRITE EVITENAL STORAGE WRITE SECTINGS WRITE SETTINGS WRITE SCEURE, SETTINGS DEVICE POWER CHANGE CONFIGURATION MOUNT UMMOUNT_FLESYSTEMS DIVINOUS POWER BUJETOOTH BUJETOOTH ADMIN NEC WARE TEST HARDWASE
				not tested to remove,	ACCESS_SUPERUSER
SettingsProvider.apk	Settings Storage	Settings entry storage, used by the settings app It seems to be a Google sync related	no	feel free to do so if you don't using Google Apps	WRITE EXTERNAL STORAGE
SharedStorageBackup.apk	SharedStorageBackup	functionality	yes	-> nothing discovered	WRITE_MEDIA_STÖRAGE RECORD AUDIO
SoundRecorder.apk	Sound Recorder	Sound Recorder app	yes	noting discovered	INTERNET WAKE LOCK WRITE_EXTERNAL_STORAGE
Stk.apk	SIM Toolkit	It should be required if you use special SIM functionalities, (e. g. dual-SIM, twinBill, Homezones,)	no	The device doesn't asked me for my PIN anymore, and so mobile data was broken - even on recover the .apk. Only a complete factory reset did the trick.	RECEIVE_BOOT_COMPLETED

SystemUI.apk	System UI	Essential user interface	no	not tested to remove, feel free to do so	RECEIVE BOOT COMNETED  READ ESTERNIAL STORAGE  WHITE EXTERNIAL STORAGE  WARE LOCK  WILL EXTERNIAL STORAGE  WARE LOCK  WARE LOCK  WHITE SETTINGS  WHITE SETTINGS  WHITE SETTINGS  WHITE SETTINGS  WHITE SETTINGS  WHITE SETINGS  WHITE S
Tolophony Provider ank	Phone/Mossaging Storage	Data store used by the phone dialer- and	no	not tested to remove, feel free to do so	
TelephonyProvider.apk  TerminalEmulator.apk	Phone/Messaging Storage  Terminal Emulator	mms apps  Terminal Emulator app	yes	noting discovered	WRITE_EXTERNAL_STORAGE INTERNET INTERNE
ThemeChooser.apk	Themes	Theming app (originally made by T-Mobile) used by CyanogenMod	yes	you'll lose the Themes menu point functionality under Settings. (You'll get a force close of the Settings app, if you try it anyway) -> noting else discovered you'll lose the Themes menu point functionality under Settings. (You'll get a force close of the Settings app,	com.tmobile.permission.CHANGE_THEME FORCE_STOP_PACKAGES  com. tmobile.permission.CHANGE_THEME com.tmobile.permission.CHANGE_THEME permission.SET_WALLPARE_CORES_DRM_THEME permission.SET_WALLPARE_COMPONENT permission.WRITE_SETTINGS permission.WRITE_SETTINGS permission.WRITE_SETTINGS
ThemeManager.apk	Themes provider	Theming app (originally made by T-Mobile) used by CyanogenMod	yes	if you try it anyway) -> noting else discovered  Nothing happens, if you try to activate the Torch tile, added over: Settings -> System ->	com.tmobile.pemision.ACCESS_DRM_THEME permission.RECEWE_BOOT_COMPLETED permission.DELETE_PACKAGES
Torch.apk	Torch	Torch / flashlight app	yes	Quick Settings panel -> Tiles and layout -> ADD -> Torch	CAMERA WRITE SETTINGS WAKE LOCK BROADCAST, STICKY
ap.,	1.0.0		, , , ,		anona con (_arten)

Trebuchet.apk	Trebuchet	CyanogenMod system launcher	better not	Could be replaced by an alternative launcher app, but you'll lose the Launcher menu point under Settings, and so a lot of useful homescreen features, too.	com.android.launcher.permission.PRELOAD_WORKSPACE com.android.launcher.permission.NISTALL_SHORTCUT com.android.auncher.permission.NISTALL_SHORTCUT com.android.auncher.permission.NISTALL_SHORTCUT com.android.launcher.permission.WRITE_SETTINGS CALL_PHONE SET_WALLPARE, SET_WALLPARE, HINTS VIRBAITE.SET_WIRBAITE.SETTINGS CALL_PHONE GET_ACCOUNT.SET_SHORTCUT.SETTINGS COM.android.launcher.permission.READ_SETTINGS com.android.launcher.permission.READ_SETTINGS com.android.launcher.permission.WRITE_SETTINGS
UserDictionaryProvider.apk	User Dictionary	Dictionary for keyboard word prediction	better not	not tested to remove, feel free to do so	-
VideoEditor.apk	Movie Studio	Movie Studio app	yes	noting discovered	WRITE EXTERNAL STORAGE READ EXTERNAL STORAGE WAKE LOCK
VoiceDialer.apk	Voice Dialer	Voice Dialer app	yes	noting discovered	RECEIVE BOOT COMPLETED CALL PRIVILEGED READ, CONTACTS READ, CALL, LOG VIERATE AUDIO VIERATE AUDIO MODIFY AUDIO SETTINGS BUSETOOTH
VpnDialogs.apk	VpnDialogs	It should be required by the VPN system	better not	should work, if you don't using VPN, but not tested, feel free to do so	
WAPPushManager.apk	WAPPushManager	It should be required for Tethering (access point mode) connectivity	better not	should work, if you don't using Tethering, but <i>not tested, feel free to do so</i>	