

## Galaxy S20+ 5G(SC-52A) Application List

| Application                                | Package                                    | Version      |
|--|--|--------------|
| ANT Radio Service                          | com.dsi.ant.service.socket                 | 4.15.20      |
| Always On Display                          | com.samsung.android.app.aodservice         | 5.1.88       |
| AR Emoji                                   | com.samsung.android.emoji                  | 4.0.00.58    |
| AR Emoji Editor                            | com.samsung.android.emojieditor            | 4.0.01.6     |
| Accessibility                              | com.samsung.accessibility                  | 11.0.02.27   |
| AiR  | com.samsung.android.air                    | 1.2.05.1     |
| Apps                                       | com.samsung.android.app.appsedge           | 5.1.04       |
| Samsung Pass                               | com.samsung.android.authfw                 | 2.0.06.16    |
| AutoDoodle                                 | com.sec.android.autodoodle.service         | 2.7.22.0     |
| AR Emoji Stickers                          | com.sec.android.mimage.avatarstickers      | 2.8.21.45    |
| com.android.backupconfirm                  | com.android.backupconfirm                  | 10           |
| BadgeProvider                              | com.sec.android.provider.badge             | 2.1.00.7     |
| SmartThings                                | com.samsung.android.beaconmanager          | 10.0.27.0    |
| com.samsung.android.biometrics.app.setting | com.samsung.android.biometrics.app.setting | 1.0.0        |
| Bixby Service                              | com.samsung.android.bixby.service          | 2.3.01.16    |
| BixbyVision Framework                      | com.samsung.android.bixbyvision.framework  | 3.5.01.10    |
| Blocked Numbers Storage                    | com.android.providers.blockednumber        | 10           |
| Blue light filter                          | com.samsung.android.bluelightfilter        | 3.0.0        |
| CIDManager                                 | com.samsung.android.cidmanager             | 10           |
| CMHProvider                                | com.samsung.cmh                            | 5.0.71       |
| CSC  | com.samsung.sec.android.application.csc    | 1.0.1.0      |
| CallContentProvider                        | com.samsung.android.incall.contentprovider | 11.0.00.14   |
| Call Log Backup/Restore                    | com.android.calllogbackup                  | 10           |
| com.android.carrierconfig                  | com.android.carrierconfig                  | 1.0.0        |
| ClipboardSaveService                       | com.samsung.clipboardsaveservice           | 1.0          |
| ClipboardUIService                         | com.samsung.android.clipboarduiservice     | 10           |
| Edge screen                                | com.samsung.android.app.cocktailbarservice | 5.1.20       |
| Work profile                               | com.samsung.android.knox.containeragent    | 2.7.05001015 |
| com.android.cts.priv.ctsshim               | com.android.cts.priv.ctsshim               | 9-5374186    |
| あんしんフィルター for docomo                       | jp.co.nttdocomo.anshinmode                 | 0.0.5        |
| APN switching control                      | com.nttdocomo.android.apnsw                | 11.00.00000  |
| docomo Application Manager                 | com.nttdocomo.android.applicationmanager   | 0G.20.20B54  |
| Area Mail                                  | com.nttdocomo.android.areamail             | 23.00.00001  |
| AUTO-GPS                                   | com.nttdocomo.android.atf                  | 0F.00.00003  |
| BridgingLauncher                           | jp.co.nttdocomo.bridgelauncher             | 2.3.0        |
| docomo cloud settings                      | com.nttdocomo.android.cloudset             | 0H.00.00003  |
| docomo phonebook                           | com.android.contacts                       | 28.00.00103  |
| スケジュール/メモ・トルカ同期                            | com.nttdocomo.android.databackup           | 31.329.5010  |
| Osusume hint                               | com.nttdocomo.android.devicehelp           | 0E.20.00001  |
| dメニュー                                      | com.nttdocomo.android.dmenu2               | 5.4.1        |
| Facebook App Installer                     | com.facebook.system                        | 46.1.7       |
| Facebook Services                          | com.facebook.services                      | 46.1.7       |
| d ACCOUNT setting                          | com.nttdocomo.android.idmanager            | 0L.00.00003  |
| docomo location information                | jp.co.nttdocomo.lcsapp                     | 0M.00.00006  |
| docomo LIVE UX                             | com.nttdocomo.android.dhome                | 0L.10.10002  |
| docomo mail                                | jp.co.nttdocomo.carriermail                | 6.0          |
| my daiz                                    | com.nttdocomo.android.mascot               | 07.00.03002  |

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| Suguden                                 | com.nttdocomo.android.phonemotion       | 0B.00.10001                   |
| Omakase Lock                            | com.nttdocomo.android.remotelock        | 15.00.09002_1apk              |
| docomo Data Copy                        | com.nttdocomo.android.sdcardbackup      | 25.00.55000                   |
| Disaster kit                            | jp.co.nttdocomo.saigaiban               | 16.00.1                       |
| Schedule & Memo                         | com.nttdocomo.android.schedulmemo       | 0Q.00.00001                   |
| docomo service                          | com.nttdocomo.android.docomaset         | 0J.00.00001                   |
| Osaifu-Keitai TSM Proxy                 | com.nttdocomo.osaifu.tsmproxy           | 1.4.3                         |
| DcmWapPushHelper                        | com.nttdocomo.android.pf.dcmwappush     | 07.00.10000                   |
| Remote Initialization Service           | com.nttdocomo.android.wipe              | 15.00.09001_1apk              |
| DeX for PC                              | com.sec.android.app.dexonpc             | 1.2.00.24                     |
| Samsung DeX                             | com.sec.android.desktopmode.uiservice   | 3.7.02                        |
| DeviceKeysting                          | com.sec.android.app.factorykeystring    | 10                            |
| DQA                                     | com.samsung.android.dqagent             | 1.2.01.14                     |
| DeviceTest                              | com.sec.factory                         | 10                            |
| DiagMonAgent                            | com.sec.android.diagmonagent            | 6.5.61                        |
| Digital Wellbeing and parental controls | com.samsung.android.forest              | 1.3.01.42                     |
| Downloads                               | com.android.providers.downloads.ui      | 10                            |
| Wallpapers                              | com.samsung.android.app.dressroom       | 1.1.13                        |
| Live focus                              | com.samsung.android.app.dofviewer       | 5.0.10                        |
| Wallpaper services                      | com.samsung.android.dynamiclock         | 3.2.01.76                     |
| Dynamic System Updates                  | com.android.dynsystem                   | 10                            |
| TestWandFota                            | com.samsung.android.app.earphonetypec   | 1.1.47                        |
| Nearby device scanning                  | com.samsung.android.easyssetup          | 10.0.27.0                     |
| Emergency information                   | com.android.emergency                   | 10                            |
| com.samsung.android.knox.attestation    | com.samsung.android.knox.attestation    | 1.1.00.6                      |
| com.sec.epdg                            | com.sec.epdg                            | 10                            |
| External Storage                        | com.android.externalstorage             | 10                            |
| FaceService                             | com.samsung.faceservice                 | 4.0.12                        |
| Finder                                  | com.samsung.android.app.galaxyfinder    | 9.4.44                        |
| Find My Mobile                          | com.samsung.android.fmm                 | 7.1.07.0                      |
| Software update                         | com.wssyncml dm                         | 3.5.06                        |
| Fused Location                          | com.android.location.fused              | 10                            |
| Galaxy Store                            | com.sec.android.app.samsungapps         | 4.5.11.3                      |
| Galaxy GameDriver                       | com.samsung.gamedriver.S11Adreno650     | 10.0.00.1                     |
| Game Launcher                           | com.samsung.android.game.gamehome       | 4.1.06.10                     |
| Game Booster                            | com.samsung.android.game.gametools      | 2.6.00.38                     |
| Files                                   | com.google.android.documentsui          | q_release_aml_patch_291602000 |
| Android Services Library                | com.google.android.ext.services         | q_pr1-release_aml_291900801   |
| Package installer                       | com.google.android.packageinstaller     | 10-6052471                    |
| Permission controller                   | com.google.android.permissioncontroller | q_pr1-release_aml_291900801   |
| Tags                                    | com.samsung.android.service.tagsservice | 1.4.33                        |
| Health Service                          | com.sec.android.service.health          | 2.1.4.009                     |
| Adapt Sound                             | com.sec.hearingadjust                   | 9.0.25                        |
| HwModuleTest                            | com.sec.android.app.hwmoduletest        | 10                            |
| IPService                               | com.samsung.ipsservice                  | 3.0.38                        |
| ImsLogger                               | com.sec.imslogger                       | 1.20170701                    |
| com.sec.ims                             | com.sec.ims                             | 1.0                           |
| NetworkStack                            | com.android.networkstack.inprocess      | 10                            |
| Input Devices                           | com.android.inputdevices                | 10                            |
| SmartFPSAdjuster                        | com.sec.android.smartfpsadjuster        | 10                            |
| IpsGeofence                             | com.samsung.android.ipsgeofence         | 4.1.00.6                      |
| KLMS Agent                              | com.samsung.klmsagent                   | 3.4.19321                     |
| KnoxCore                                | com.samsung.android.knox.containercore  | 1.0                           |

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| Samsung DeX Home                          | com.sec.android.app.desktoplauncher               | 3.0.01.31  |
| Payment Services                          | com.samsung.android.kgclient                      | 2.2.20     |
| Knox Key Chain                            | com.samsung.knox.keychain                         | 10         |
| LED Cover                                 | com.samsung.android.app.ledbackcover              | 1.2.25     |
| LED Cover Service                         | com.sec.android.cover.ledcover                    | 1.4.17     |
| Link to Windows Service                   | com.samsung.android.mdx                           | 1.0.42.40  |
| DECO PIC                                  | com.samsung.android.livestickers                  | 1.0.00.82  |
| com.android.localtransport                | com.android.localtransport                        | 10         |
| Work Setup                                | com.android.managedprovisioning                   | 10         |
| Samsung Galaxy Friends                    | com.samsung.android.mateagent                     | 2.1.05.2   |
| mlp                                       | com.samsung.mlp                                   | 4.0.04     |
| Media Storage                             | com.android.providers.media                       | 10         |
| MmsService                                | com.android.mms.service                           | 10         |
| MobileWips                                | com.samsung.android.server.wifi.mobilewips.client | 1.0.26.0   |
| Service mode RIL                          | com.sec.android.RilServiceModeApp                 | 10         |
| MTP application                           | com.samsung.android.MtpApplication                | 1.0        |
| MTP Host                                  | com.android.mtp                                   | 10         |
| Separate app sound                        | com.samsung.android.setting.multisound            | 1.0.00.32  |
| NSDSWebApp                                | com.sec.vsim.ericssonnsds.webapp                  | 1.3.03.0   |
| Samsung Location SDK                      | com.sec.location.nsfip2                           | 5.1.18     |
| NetworkDiagnostic                         | com.samsung.android.networkdiagnostic             | 2.3.04.10  |
| Configuration update                      | com.samsung.android.app.omcagent                  | 5.2.20     |
| com.android.ons                           | com.android.ons                                   | 10         |
| Configuration message                     | com.wsomacp                                       | 7.3.06     |
| OneDrive                                  | com.microsoft.skydrive                            | 5.44.6     |
| Samsung PaymentFramework                  | com.samsung.android.spayfw                        | 2.8.69     |
| People edge                               | com.samsung.android.service.peoplestripe          | 11.9.05    |
| RilNotifier                               | com.sec.app.RilErrorNotifier                      | 1.0.0      |
| Photo Editor                              | com.sec.android.mimage.photoretouching            | 2.8.21.47  |
| com.android.networkstack.permissionconfig | com.android.networkstack.permissionconfig         | 2019-09    |
| Application installer                     | com.sec.android.preloadinstaller                  | 10         |
| ProxyHandler                              | com.android.proxyhandler                          | 10         |
| Media and devices                         | com.samsung.android.mdx.quickboard                | 1.0.04.8   |
| Bixby Routines                            | com.samsung.android.app.routines                  | 2.5.33     |
| Customization Service                     | com.samsung.android.rubin.app                     | 2.6.00.14  |
| SCameraService                            | com.samsung.android.camerasdkservice              | 1.1        |
| SCameraXService                           | com.samsung.android.cameraxservice                | 1.1        |
| Configuration update                      | com.samsung.android.sdm.config                    | 2.0.16     |
| SKMSAgentService                          | com.skms.android.agent                            | 1.0.40-36  |
| Software update                           | com.sec.android.soagent                           | 5.0.14     |
| Samsung Push Service                      | com.sec.spp.push                                  | 3.0.14     |
| SVC Agent                                 | com.samsung.android.svcagent                      | 5.0.00.1   |
| Samsung account                           | com.osp.app.signin                                | 11.1.01.3  |
| Samsung Checkout                          | com.sec.android.app.billing                       | 5.0.26.1   |
| Calendar Storage                          | com.android.providers.calendar                    | 11.0.00.9  |
| Camera                                    | com.sec.android.app.camera                        | 10.0.01.92 |
| Samsung Cloud                             | com.samsung.android.scloud                        | 4.1.01.3   |
| Contacts                                  | com.samsung.android.app.contacts                  | 11.1.55.14 |
| Contacts Migrator                         | com.samsung.android.contacts                      | 11.1.55.14 |
| Contacts Storage                          | com.samsung.android.providers.contacts            | 11.1.03    |
| Samsung Device Health Manager Service     | com.sec.android.sdhms                             | 10         |
| Phone                                     | com.samsung.android.dialer                        | 11.1.55.14 |
| Samsung Experience Svc                    | com.samsung.android.mobileservice                 | 11.1.00.52 |

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| Gallery                                  | com.sec.android.gallery3d                                   | 11.1.00.48  |
| Call                                     | com.samsung.android.incallui                                | 11.1.55.14  |
| Magnifier                                | com.sec.android.app.magnifier                               | 10.0.24     |
| Samsung Multi Connectivity               | com.samsung.android.mcfserver                               | 1.0.0       |
| Samsung Pass Provider                    | com.samsung.android.samsungpass                             | 2.0.03.6    |
| SamsungPositioning                       | com.samsung.android.samsungpositioning                      | 3.1.00.4    |
| What                                     | com.samsung.android.app.social                              | 11.0.00.23  |
| Video Player                             | com.samsung.android.video                                   | 7.3.04.66   |
| Configuration update                     | com.samsung.android.providers.carrier                       | 1.0.15      |
| Download Manager                         | com.android.providers.downloads                             | 10          |
| Live Wallpaper Picker                    | com.android.wallpaper.livepicker                            | 10          |
| Sec Media Storage                        | com.samsung.android.providers.media                         | 10          |
| My Files                                 | com.sec.android.app.myfiles                                 | 11.0.00.645 |
| Settings                                 | com.android.settings  | 10          |
| Settings Suggestions                     | com.android.settings.intelligence                           | 10          |
| Samsung SetupWizard                      | com.sec.android.app.SecSetupWizard                          | 2.0.73.1    |
| SecSoundPicker                           | com.samsung.android.secsoundpicker                          | 10          |
| Dialer Storage                           | com.android.providers.telephony                             | 10          |
| Secure Folder                            | com.samsung.knox.securefolder                               | 1.4.01.63   |
| Safety assistance                        | com.sec.android.app.safetyassurance                         | 10.0.20.19  |
| SettingsBixby                            | com.samsung.android.app.settings.bixby                      | 2.0.35      |
| Settings Storage                         | com.android.providers.settings                              | 10          |
| Settings                                 | com.samsung.android.SettingsReceiver                        | 10          |
| Quick Share                              | com.samsung.android.app.sharelive                           | 11.1.00.61  |
| com.android.sharedstoragebackup          | com.android.sharedstoragebackup                             | 10          |
| Shell                                    | com.android.shell   | 10          |
| Live focus picture                       | com.samsung.android.app.siofviewer                          | 5.0.11      |
| Single Take                              | com.samsung.android.singletake.service                      | 1.0.00.77   |
| Smart Call                               | com.samsung.android.smartcallprovider                       | 11.0.30.14  |
| EpdgTestApp                              | com.sec.epdgtestapp   | 10          |
| Device care                              | com.samsung.android.lool                                    | 11.0.03.10  |
| Device security                          | com.samsung.android.sm.devicesecurity                       | 7.0.01      |
| com.samsung.android.smartswitchassistant | com.samsung.android.smartswitchassistant                    | 1.1.06      |
| SoHService                               | com.samsung.sait.sohservice                                 | 10          |
| SoundAlive                               | com.sec.android.app.soundalive                              | 9.4.40      |
| Intent Filter Verification Service       | com.android.statementservice                                | 1.0         |
| StickerCenter                            | com.samsung.android.stickercenter                           | 1.0.2.0     |
| Crocro and friends                       | com.samsung.android.app.camera.sticker.facearavatar.preload | 3.0.07      |
| Storage Manager                          | com.android.storagemanager                                  | 10          |
| StoryService                             | com.samsung.storyservice                                    | 3.0.33      |
| System UI                                | com.android.systemui  | 10          |
| SystemUIBixby2                           | com.samsung.systemui.bixby2                                 | 1.2.00.8    |
| Samsung DeX System UI                    | com.samsung.desktopsystemui                                 | 10          |
| SystemUpdate                             | com.sec.android.systemupdate                                | 11.0.00.0   |
| TADownloader                             | com.samsung.android.tadownloader                            | 1.1.16      |
| AuthFw TaPack                            | com.samsung.android.tapack.authfw                           | 1.0.30.0    |
| Tags                                     | com.android.apps.tag  | 4.2.01      |
| Tasks                                    | com.samsung.android.app.taskedge                            | 4.0.16      |
| Phone Services                           | com.android.phone   | 10          |
| Phone                                    | com.android.server.telecom                                  | 10          |
| Call settings                            | com.samsung.android.app.telephonyui                         | 11.1.55.23  |
| Galaxy Themes Service                    | com.samsung.android.themecenter                             | 9.1.0.0     |
| Galaxy Themes                            | com.samsung.android.themestore                              | 5.0.01.110  |

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| Tips                              | com.samsung.android.app.tips                | 2.1.19.0                  |
| One UI Home                       | com.sec.android.app.launcher                | 11.0.50.67                |
| UIBCVirtualSoftkey                | com.sec.android.uibcvirtualsoftkey          | 2.0.24                    |
| upday                             | de.axelspringer.yana.zeropage               | 2.5.13369                 |
| User Dictionary                   | com.android.providers.userdictionary        | 10                        |
| VolumeMonitorProvider             | com.sec.android.app.volumemonitorprovider   | 1.0.17                    |
| VpnDialogs                        | com.android.vpndialogs                      | 10                        |
| com.android.wallpapercropper      | com.android.wallpapercropper                | 10                        |
| Your Phone Companion              | com.microsoft.appmanager                    | 1.19102.47.0              |
| LocationServices                  | com.qualcomm.location                       | 1.0                       |
| IMS Service                       | com.sec.imservice                           | 1.0                       |
| Knox Analytics Uploader           | com.samsung.android.knox.analytics.uploader | 1.1.30.1                  |
| KnoxVpnPacProcessor               | com.knox.vpn.proxyhandler                   | 10                        |
| ringtonebackup                    | com.sec.android.app.ringtoneBR              | 10                        |
| Service mode                      | com.sec.android.app.servicemodeapp          | 10                        |
| SmartFaceService                  | com.samsung.android.smartface               | 1.0                       |
| com.samsung.android.wallpaper.res | com.samsung.android.wallpaper.res           | 10                        |
| Android System                    | android                                     | 10                        |
| dcard                             | com.nttdocomo.dcard                         | 1.00.0                    |
| データ保管BOX                          | com.nttdocomo.android.cloudstorageservice   | 02.00022                  |
| 地図アプリダウンロード                       | jp.dmapnavi.navi02                          | 17.02.2.alpha             |
| JSpeak                            | com.nttdocomo.android.voicetranslation      | 3.0.0                     |
| 遠隔サポート                            | com.rsupport.rs.activity.ntt                | 1.2.0.295.1a(Build 397)   |
| Instruction Manual                | com.sec.android.japan.manual.sc03j          | 0.0.1                     |
| Facebook                          | com.facebook.katana                         | stub (46.1.7)             |
| Amazon Shopping                   | com.amazon.mShop.android.shopping           | 1.0.67.0-litePatron_26010 |
| ローソン                              | jp.co.lawson.android                        | 1.0                       |
| Anshin Security                   | com.nttdocomo.android.anshinsecurity        | 01.00.00000               |
| iDアプリ                             | jp.id_credit_sp.android                     | 26.00.0                   |
| TikTok                            | com.ss.android.ugc.trill                    | 6.5.0                     |
| Smart Switch                      | com.sec.android.easyMover                   | 3.7.03.7                  |
| Amazon Kindle                     | com.amazon.kindle                           | 0.9.24                    |
| dポイントクラブ                          | com.nttdocomo.android.dpoint                | 13.05.01.2                |
| マクドナルド                            | jp.co.mcdonalds.android                     | 0.0.1                     |
| Disney DX                         | jp.co.disney.apps.gm.disneydx               | 1.0.0                     |
| My docomo                         | com.nttdocomo.android.mydocomo              | 1.4.0                     |
| dフォト                              | com.nttdocomo.android.photocollection       | 0A.00.00000               |
| d払い                               | com.nttdocomo.keitai.payment                | 1.5.0                     |
| Autofill with Samsung Pass        | com.samsung.android.samsungpassautofill     | 1.4.10.21                 |
| NFC                               | com.android.nfc                             | 10                        |
| SecurityLogAgent                  | com.samsung.android.securitylogagent        | 9.0.00.3                  |
| ScreenLockService                 | com.nttdocomo.android.screenlockservice     | 0L.00.00002               |
| Galaxy Keyboard                   | com.samsung.android.honeyboard              | 5.0.01.7                  |
| Tools                             | com.sec.android.app.quicktool               | 8.0.22                    |
| EmergencyManagerService           | com.sec.android.emergencymode.service       | 9.0.34                    |
| Apps                              | com.samsung.android.visionarapps            | 1.1.00.9                  |
| InitOnce                          | com.samsung.japan.initonce                  | 1.0                       |
| ShortcutBNR                       | com.samsung.android.shortcutbackupservice   | 10                        |
| Bluetooth                         | com.android.bluetooth                       | 10                        |
| Quick Share                       | com.samsung.android.aware.service           | 1.0.11.52                 |
| PartnerNetflixActivation          | com.netflix.partner.activation              | 1.0.0                     |
| SimMobilityKit                    | com.samsung.ims.smk                         | 1.3.20                    |
| Launcher                          | com.sec.android.emergencylauncher           | 8.0.07                    |

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| docomo Authenticator                        | com.nttdocomo.android.accountauthenticator     | 22.0.20           |
| Filter Provider                             | com.samsung.android.provider.filterprovider    | 5.0.09            |
| Cameralyzer                                 | com.sec.factory.cameralyzer                    | 3.1.20.2100       |
| Dual Messenger                              | com.samsung.android.da.daagent                 | 3.0.00.0          |
| Hiya Service                                | com.hiya.star                                  | 2.5.9-samsung-414 |
| Samsung MirrorLink 1.1                      | com.samsung.android.app.mirrorlink             | 1.5.51            |
| SmartFittingService                         | com.samsung.android.smartfitting               | 1.2.00            |
| audioTuning                                 | com.android.audioTuning                        | 2.0.0             |
| Default Print Service                       | com.android.bips                               | 10                |
| com.samsung.android.brightnessbackupservice | com.samsung.android.brightnessbackupservice    | 10                |
| ANT HAL Service                             | com.dsi.ant.server                             | 3.0.0             |
| AR Zone                                     | com.samsung.android.arzone                     | 1.0.00.45         |
| +Message                                    | com.nttdocomo.android.msg                      | 44.50.0200        |
| Certificate Installer                       | com.android.certinstaller                      | 10                |
| Bookmark Provider                           | com.android.bookmarkprovider                   | 10                |
| FeliCaLockTest                              | com.sec.nfc.felicalocktest                     | 1.0               |
| Wearable Manager Installer                  | com.samsung.android.app.watchmanagerstub       | 2.1.01.19004      |
| System Tracing                              | com.android.traceur                            | 1.0               |
| USBSettings                                 | com.sec.usbsettings                            | 1.0               |
| Dictionary                                  | com.diotek.diodict4.EDictionary                | 4.09.004          |
| com.nttdocomo.android.felicaremotelock      | com.nttdocomo.android.felicaremotelock         | 2.0               |
| com.sec.vsimservice                         | com.sec.vsimservice                            | 1.0               |
| Samsung Internet panel                      | com.samsung.android.app.sbrowseredge           | 3.0.39            |
| Android Q Easter Egg                        | com.android.egg                                | 1.0               |
| Calendar                                    | com.samsung.android.calendar                   | 11.1.00.52        |
| Sim App Dialog                              | com.android.simappdialog                       | 10                |
| Briefing                                    | flipboard.boxer.app                            | 3.2.3             |
| EasyOneHand                                 | com.sec.android.easyonehand                    | 5.0               |
| MotionPhoto Viewer                          | com.samsung.android.motionphoto.viewer         | 1.0.02            |
| MDMApp                                      | com.samsung.android.mdm                        | 1.0               |
| Wi-Fi Calling                               | com.sec.unifiedwfc                             | 6.4.00.36         |
| Perso                                       | com.sec.android.app.personalization            | 10                |
| Wi-Fi Tips                                  | com.samsung.android.net.wifi.wifiguider        | 1.4.00.101        |
| DOCOMO Initialization                       | com.nttdocomo.android.initialization           | 0M.10.00000       |
| com.android.cts.ctsshim                     | com.android.cts.ctsshim                        | 9-5374186         |
| Dictionary                                  | com.diotek.sec.lookup.dictionary               | 3.002.005         |
| Companion Device Manager                    | com.android.companiondevicemanager             | 10                |
| com.sec.phone                               | com.sec.phone                                  | 1.0               |
| slocation                                   | com.samsung.android.location                   | 1.2.76            |
| dmarket                                     | com.nttdocomo.android.store                    | 19.00.00821       |
| com.qualcomm.atfwd                          | com.qualcomm.atfwd                             | 10                |
| AudioCoreDebug                              | com.sec.android.app.audiocoredebug             | 1.0               |
| Wi-Fi Direct                                | com.samsung.android.allshare.service.fileshare | 2.0.00.61         |
| Module Metadata                             | com.google.android.modulemetadata              | 2019-12-01        |
| Slow motion editor                          | com.samsung.app.slowmotion                     | 3.4.39.0          |
| Samsung Daily                               | com.samsung.android.app.spage                  | 4.0.00.48         |
| Game Optimizing Service                     | com.samsung.android.game.gos                   | 3.0.01.32         |
| Create movie                                | com.samsung.app.highlightplayer                | 3.3.51.0          |
| Video Editor                                | com.sec.android.app.vepreload                  | 3.3.51.0          |
| Smart View                                  | com.samsung.android.smartmirroring             | 8.2.09.10         |
| FACM  | com.samsung.android.aircommandmanager          | 1.2.41            |
| Bixby Vision                                | com.samsung.android.visionintelligence         | 3.5.00.35         |
| BBCAgent                                    | com.samsung.android.bbc.bbcagent               | 5.0.00.4          |

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| BluetoothTest                        | com.sec.android.app.bluetoothtest                           | 10               |
| Safety Information                   | com.samsung.safetyinformation                               | 3.0.24.0         |
| Kids Home Installer                  | com.samsung.android.kidsinstaller                           | 10.2.05          |
| bootagent                            | com.samsung.ucs.agent.boot                                  | 10               |
| HandwritingService                   | com.samsung.android.sdk.handwriting                         | 2.3.16.0         |
| HTML Viewer                          | com.android.htmlviewer                                      | 3.0.03           |
| Weather                              | com.sec.android.daemonapp                                   | 1.6.20.67        |
| PacProcessor                         | com.android.pacprocessor                                    | 10               |
| DecomeEmojiManager                   | jp.co.omronsoft.android.decoemojimanager_docomo             | 1.12.5-d-01-2100 |
| QDCM-FF                              | com.qti.snapdragon.qdcm_ff                                  | 1.0              |
| CaptivePortalLogin                   | com.android.captiveportallogin                              | 2019-09          |
| android.autoinstalls.config.samsung  | android.autoinstalls.config.samsung                         | 0000             |
| AASAService                          | com.samsung.aasaservice                                     | 12.0             |
| AR Doodle                            | com.samsung.android.ardrawing                               | 2.0.00.29        |
| Live Transcribe                      | com.google.audio.hearing.visualization.accessibility.scribe | 2.1.280505551    |
| Dsms                                 | com.samsung.android.dsms                                    | 1.5.03           |
| SetupWizardLegalProvider             | com.sec.android.app.setupwizardlegalprovider                | 2.0.00.0         |
| Key Chain                            | com.android.keychain  | 10               |
| Service provider location            | com.sec.location.nfwlocationprivacy                         | 1.0.07           |
| EmergencyProvider                    | com.sec.android.provider.emergencymode                      | 3.0.05           |
| Print Spooler                        | com.android.printspooler                                    | 10               |
| Print Service Recommendation Service | com.google.android.printservice.recommendation              | 1.3.0            |
| CarmodeStub                          | com.samsung.android.drivelink.stub                          | 1.2.12           |
| Select background music              | com.sec.android.app.ve.vebgm                                | 1.0.29.0         |
| linksharing                          | com.samsung.android.app.simplesharing                       | 11.2.00.22       |
| Osaifu-Keitai Setting Application    | com.felicanetworks.mfs                                      | 5.2.2            |
| SecVideoEngineService                | com.sec.sve   | 1.0              |
| WlanTest                             | com.sec.android.app.wlantest                                | 1.1.0            |
| Photo Screensavers                   | com.android.dreams.phototable                               | 10               |
| Common phrase                        | jp.co.omronsoft.mushroom.commonphrase                       | 1.0              |
| Android Shared Library               | com.google.android.ext.shared                               | 1                |
| Keyboard Content Center              | com.samsung.android.icecone                                 | 1.0.00.74        |
| Clock                                | com.sec.android.app.clockpackage                            | 10.1.10.37       |
| Motion panorama viewer               | com.samsung.android.app.motionpanoramaviewer                | 2.1.00.1         |
| Reminder                             | com.samsung.android.app.reminder                            | 11.1.00.54000    |
| Video Trimmer                        | com.samsung.app.newtrim                                     | 2.4.22.0         |
| CarrierDefaultApp                    | com.android.carrierdefaultapp                               | 10               |
| Bluetooth MIDI Service               | com.android.bluetoothmidiservice                            | 10               |
| Netflix                              | com.netflix.mediaclient                                     | 1.0.0            |
| ANT+ Plugins Service                 | com.dsi.ant.plugins.antplus                                 | 3.8.00           |
| MLDAPlog                             | com.sec.mldapchecker  | 1.0.05           |
| Knox Enrollment Service              | com.sec.enterprise.knox.cloudmdm.smdms                      | 2.0.79           |
| Motion wide-angle selfie viewer      | com.samsung.android.app.selfmotionpanoramaviewer            | 2.1.00.1         |
| com.samsung.android.container        | com.samsung.android.container                               | 10               |
| SilentLogging                        | com.sec.modem.settings                                      | 1.0.1            |
| Enterprise Sim Pin Service           | com.sec.enterprise.mdm.services.simpin                      | 10               |
| Automation Test                      | com.sec.android.app.DataCreate                              | 1.0              |
| com.google.ar.core                   | com.google.ar.core  | 0                |
| IMS Settings                         | com.samsung.advp.imssettings                                | 1.0              |
| Smart Switch Agent                   | com.sec.android.easyMover.Agent                             | 1.6.08.21        |
| IOTHiddenMenu                        | com.sec.hiddenmenu  | 10               |
| Basic Daydreams                      | com.android.dreams.basic                                    | 10               |
| Samsung text-to-speech engine        | com.samsung.SMT   | 3.0.03.22        |

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| com.android.se                           | com.android.se                                   | 10          |
| com.android.providers.partnerbookmarks   | com.android.providers.partnerbookmarks           | 10          |
| Favourite Contacts                       | com.sec.android.widgetapp.easymodecontactswidget | 11.0.11     |
| docomo location information (sub)        | jp.co.nttdocomo.lcsappsub                        | 0M.00.00006 |
| AppLinker                                | com.sec.android.app.applinker                    | 2.0.02      |
| ANT + DUT                                | com.dsi.ant.sample.acquirechannels               | 01.00.05    |
| DRParser Mode                            | com.sec.android.app.parser                       | 11.0.00.6   |
| Moji-Henshu                              | com.nttdocomo.android.voiceeditor                | 0M.00.00001 |
| Samsung capture                          | com.samsung.android.app.smartcapture             | 4.0.34      |
| Osaifu-Keitai app                        | com.felicanetworks.mfm.main                      | 7.2.2       |
| Secure UI Service                        | com.qualcomm.qti.services.secureui               | 2.6.0       |
| FeliCa Test                              | com.sec.android.app.felicatest                   | 2.0.0       |
| Sound picker                             | com.samsung.android.app.soundpicker              | 10.0.00.44  |
| DcmIppPushAggregator                     | com.nttdocomo.android.pf.dcmippushaggregator     | 08.00.00000 |
| Samsung Internet                         | com.sec.android.app.sbrowser                     | 11.0.01.6   |
| Samsung ApexService                      | com.sec.android.app.apex                         | 3.1.24      |
| Osaifu-Keitai UIM Settings               | com.nttdocomo.android.offhostcontrol             | 02.00.00001 |
| SIM Toolkit                              | com.android.stk                                  | 10          |
| FactoryCamera                            | com.sec.factory.camera                           | 3.3.83      |
| com.sec.enterprise.knox.attestation      | com.sec.enterprise.knox.attestation              | 1.0.3       |
| com.sec.bcbservice                       | com.sec.bcbservice                               | 2.0         |
| FeliCaLock                               | com.samsung.felicalock                           | 2.0         |
| Nearby Service                           | com.samsung.android.allshare.service.mediashare  | 2.2         |
| OsuLogin                                 | com.android.hotspot2                             | 10          |
| com.nttdocomo.android.anmane2            | com.nttdocomo.android.anmane2                    | 00.00.00003 |
| Live Message                             | com.samsung.android.service.livedrawing          | 3.1.30      |
| Mdx Kit Service                          | com.samsung.android.mdx.kit                      | 1.1.07.2    |
| com.android.wallpaperbackup              | com.android.wallpaperbackup                      | 10          |
| Clipboard edge                           | com.samsung.android.app.clipboardedge            | 1.5.00      |
| com.sec.android.app.chromecustomizations | com.sec.android.app.chromecustomizations         | 3.0.25      |
| docomo LIVE UX backup                    | com.nextbit.app                                  | 12.0.2      |
| TetheringAutomation                      | com.sec.automation                               | 2.0.1       |
| OCR Service                              | com.sec.android.app.ocrservice                   | 1.4.11.0    |
| SCPM Client                              | com.samsung.android.sm.policy                    | 3.2.07      |
| NFC Test 1.6                             | com.sec.android.app.nfctest                      | 1.0.0       |
| Auto Hotspot                             | com.sec.mhs.smarttethering                       | 1.0.69.0    |
| Mobile FeliCa Client                     | com.felicanetworks.mfc                           | 6.1.1       |
| com.android.smsppush                     | com.android.smsppush                             | 10          |
| Facebook App Manager                     | com.facebook.appmanager                          | 46.1.7      |
| Osaifu-Keitai WebPlugin Setup            | com.felicanetworks.mfw.a.boot                    | 3.1.1       |
| SplitSoundService                        | com.sec.android.splitsound                       | 1.0         |
| SharedDeviceKeyguard                     | com.sec.enterprise.knox.shareddevice.keyguard    | 1.1.161201  |
| android.auto_generated_rro_vendor__      | android.auto_generated_rro_vendor__              | 1.0         |
| com.qualcomm.timeservice                 | com.qualcomm.timeservice                         | 10          |