## Galaxy Z Fold2 5G(F916B) Application List

| Application                                 | Package  | Version         |
|---|--|-----------------|
| Certificate Installer                       | com.android.certinstaller                      | 11              |
| Wi-Fi Direct                                | com.samsung.android.allshare.service.fileshare | 3.1.11.24       |
| WlanTest                                    | com.sec.android.app.wlantest                   | 1.1.0           |
| Wearable Manager Installer                  | com.samsung.android.app.watchmanagerstub       | 2.1.01.20006    |
| Link Sharing                                | com.samsung.android.app.simplesharing          | 12.0.00.21      |
| AppLinker                                   | com.sec.android.app.applinker                  | 2.1.10          |
| Samsung One                                 | com.monotype.android.font.samsungone           | 1.1.02.0        |
| DRParser Mode                               | com.sec.android.app.parser                     | 12.0.00.4       |
| Keyboard Content Center                     | com.samsung.android.icecone                    | 1.3.00.34       |
| Samsung Kids Installer                      | com.samsung.android.kidsinstaller              | 10.3.00.2       |
| AR Zone                                     | com.samsung.android.arzone                     | 1.5.00.18       |
| Cameralyzer                                 | com.sec.factory.cameralyzer                    | 3.4.20.12040    |
| IMS Settings                                | com.samsung.advp.imssettings                   | 1.0             |
| HandwritingService                          | com.samsung.android.sdk.handwriting            | 2.4.01.0        |
| com.android.providers.partnerbookmarks      | com.android.providers.partnerbookmarks         | 11              |
| Dictionary                                  | com.diotek.sec.lookup.dictionary               | 3.002.013       |
| Motion photo Viewer                         | com.samsung.android.motionphoto.viewer         | 1.0.34          |
| com.sec.bcservice                           | com.sec.bcservice                              | 2.0             |
| Clipboard edge                              | com.samsung.android.app.clipboardedge          | 3.0.07          |
| MDE Service Framework                       | com.samsung.android.mdx.kit                    | 1.1.49.1        |
| Netflix                                     | com.netflix.mediaclient                        | 1.0.0           |
| com.android.wallpaperbackup                 | com.android.wallpaperbackup                    | 11              |
| Bixby Vision                                | com.samsung.android.visionintelligence         | 3.7.30.3        |
| Dual Messenger                              | com.samsung.android.da.daagent                 | 3.1.00.0        |
| Briefing                                    | flipboard.boxer.app                            | 3.2.13          |
| Smart View                                  | com.samsung.android.smartmirroring             | 8.2.11.32       |
| NFC   | com.android.nfc                                | 11              |
| BBCAgent                                    | com.samsung.android.bbc.bbcagent               | 5.0.00.18       |
| com.google.ar.core                          | com.google.ar.core                             | 0               |
| Android Shared Library                      | com.google.android.ext.shared                  | 1               |
| StickerCenter                               | com.samsung.android.stickercenter              | 2.0.00.24       |
| com.samsung.android.brightnessbackupservice | e com.samsung.android.brightnessbackupservice  | 11              |
| CaptivePortalLogin                          | com.google.android.captiveportallogin          | r_aml_300900700 |
| com.google.android.captiveportallogin       | com.google.android.captiveportallogin          |                 |
| Sim App Dialog                              | com.android.simappdialog                       | 11              |
| SCPM Client                                 | com.samsung.android.sm.policy                  | 3.2.15          |
| Reminder                                    | com.samsung.android.app.reminder               | 12.0.01.54000   |
| PartnerNetflixActivation                    | com.netflix.partner.activation                 | 1.0.0           |
| SimMobilityKit                              | com.samsung.ims.smk                            | 1.3.20          |
| System Tracing                              | com.android.traceur                            | 1.0             |
| Samsung Blockchain Keystore                 | com.samsung.android.coldwalletservice          | 1.3.01.4        |
| SilentLogging                               | com.sec.modem.settings                         | 1.0.1           |

| com.samsung.android.shortcutbackupservice | 11   |
|---|--|
|   | 4.4.30   |
|   | 11   |
|   | R-initial  |
|   | 1.1.00.39  |
|   | 11   |
|   | 8.2.40   |
|   | 2.8.0-samsung-791  |
|   | 3.0.08   |
|   | 11   |
|   | 2.0.1  |
|   | 1.1  |
|   | 11   |
| ·   | 1.0  |
|   | 11   |
|   | 0000   |
|   | 4.0.336034712  |
|   |  |
|   | 11<br>3.0.29.0   |
|   |  |
| · · · · · · · · · · · · · · · · · · ·     | 1.1.04.0   |
|   | 59.1.10  |
|   | 1.6.30.49  |
|   | 11   |
|   | 6.5.00.51  |
|   | 3.5.54.9   |
|   | 3.0.11.24  |
|   | 1.0  |
|   | 12.0.00.53000  |
|   | 5.2.00.86  |
|   | 11   |
|   | 2.0.03   |
| com.sec.location.nfwlocationprivacy       | 1.0.10   |
| com.samsung.android.aware.service         | 3.2.11.24  |
| com.sec.android.easyMover.Agent           | 1.7.00.22  |
| com.samsung.SMT                           | 3.1.01.14  |
| com.sec.phone                             | 1.0  |
| com.sec.mhs.smarttethering                | 1.0.91.0   |
| com.sec.android.app.uwbtest               | 1.0.0  |
| com.samsung.android.net.wifi.wifiguider   | 1.5.00.67  |
| com.samsung.app.newtrim                   | 3.0.15.1   |
| com.samsung.app.highlightplayer           | 3.5.54.9   |
| com.qualcomm.embms                        | 1.0  |
| com.android.printspooler                  | 11   |
| com.samsung.android.samsungpassautofill   | 2.5.01.16  |
| com.samsung.android.mapsagent             | 1.0.00.6   |
| com.sec.android.provider.emergencymode    | 1.1.00.6   |
| ·   | 15   |
| com.samsung.android.bixby.wakeup          | 2.1.25.16  |
| · · · · · ·                               | 1.0  |
| com.android.bluetooth                     | 11   |
| com.samsung.android.app.soundpicker       | 10.0.11.8  |
|   |  |
| com.qualcomm.qti.services.secureui        | 2.7.2  |
|   | com.sec.android.easyMover.Agent com.samsung.SMT com.sec.phone com.sec.mhs.smarttethering com.sec.android.app.uwbtest com.samsung.android.net.wifi.wifiguider com.samsung.app.newtrim com.samsung.app.highlightplayer com.qualcomm.embms com.android.printspooler com.samsung.android.samsungpassautofill com.samsung.android.mapsagent com.sec.android.provider.emergencymode com.samsung.aasaservice com.samsung.android.bixby.wakeup com.sec.usbsettings com.android.bluetooth |

| SIM Toolkit                                | com.android.stk  | 11             |
|--|--|----------------|
| com.sec.enterprise.knox.attestation        | com.sec.enterprise.knox.attestation                                    | 1.0.3          |
| CarrierDefaultApp                          | com.android.carrierdefaultapp  | 11             |
| slocation                                  | com.samsung.android.location   | 1.5.01.111     |
| BluetoothTest                              | com.sec.android.app.bluetoothtest                                      | 11             |
| Launcher                                   | com.sec.android.app.blactoothicst<br>com.sec.android.emergencylauncher | 1.1.00.24      |
| RcsSettings                                | 5 -  | 7.0r10456367   |
| Perso                                      | com.samsung.rcs<br>com.sec.android.app.personalization                 | 11             |
| Clock                                      |  | 12.0.00.55     |
|  | com.sec.android.app.clockpackage                                       | 11             |
| com.samsung.android.container FACM         | com.samsung.android.container  | 1.2.61         |
| Favourite Contacts                         | com.samsung.android.aircommandmanager                                  |                |
|  | com.sec.android.widgetapp.easymodecontactswidget                       | 12.0.12        |
| Print Service Recommendation Service       | com.google.android.printservice.recommendation                         | 1.3.0          |
| PacProcessor                               | com.android.pacprocessor   | 11             |
| Filter Provider                            | com.samsung.android.provider.filterprovider                            | 5.0.31         |
| Call & text on other devices               | com.samsung.android.mdecservice  | 3.0.00.43      |
| MDMApp                                     | com.samsung.android.mdm  | 1.0            |
| AR Doodle                                  | com.samsung.android.ardrawing  | 2.5.00.12      |
| EasyOneHand                                | com.sec.android.easyonehand  | 5.0            |
| Knox Enrollment Service                    | com.sec.enterprise.knox.cloudmdm.smdms                                 | 2.1.31         |
| ChromeCustomizations                       | com.sec.android.app.chromecustomizations                               | 3.0.28         |
| Samsung Daily                              | com.samsung.android.app.spage  | 4.3.00.13      |
| UwbApplication                             | com.samsung.android.uwb  | 11             |
| Foundation                                 | com.monotype.android.font.foundation                                   | 2.3.03.0       |
| FactoryCamera                              | com.sec.factory.camera   | 3.4.45         |
| Setup Wizard Legal Provider                | com.sec.android.app.setupwizardlegalprovider                           | 2.0.07.0       |
| HTML Viewer                                | com.android.htmlviewer   | 3.0.04         |
| SecurityLogAgent                           | com.samsung.android.securitylogagent                                   | 10.1.00.1      |
| com.samsung.ucs.agent.ese                  | com.samsung.ucs.agent.ese  | 11             |
| com.samsung.android.wifi.resources         | com.samsung.android.wifi.resources                                     | 1.0            |
| Facebook                                   | com.facebook.katana  | stub (59.1.10) |
| AlwaysOnDisplay                            | com.samsung.android.app.aodservice                                     | 6.1.64         |
| AR Emoji                                   | com.samsung.android.aremoji  | 5.0.00.24      |
| AR Emoji Editor                            | com.samsung.android.aremojieditor                                      | 4.3.01.5       |
| Accessibility                              | com.samsung.accessibility  | 12.0.00.61     |
| Apps                                       | com.samsung.android.app.appsedge                                       | 7.1.18.0       |
| Authentication Framework                   | com.samsung.android.authfw   | 2.6.00.6       |
| AutoDoodle                                 | com.sec.android.autodoodle.service                                     | 2.9.11.32      |
| AR Emoji Stickers                          | com.sec.android.mimage.avatarstickers                                  | 2.9.12.22      |
| com.android.backupconfirm                  | com.android.backupconfirm  | 11             |
| BadgeProvider                              | com.sec.android.provider.badge   | 2.1.00.9       |
| SmartThings                                | com.samsung.android.beaconmanager                                      | 10.1.01.11     |
| com.samsung.android.biometrics.app.setting | com.samsung.android.biometrics.app.setting                             | 1.0.0          |
| Bixby Voice                                | com.samsung.android.bixby.agent  | 3.0.35.48      |
| Bixby Voice Stub                           | com.samsung.android.bixby.agent.dummy                                  | 1.0.03.0       |
| Bixby Dictation                            | com.samsung.android.bixby.service                                      | 3.0.00.7       |
| BixbyVision Framework                      | com.samsung.android.bixbyvision.framework                              | 3.7.50.2       |
| Blocked Numbers Storage                    | com.android.providers.blockednumber                                    | 11             |
| Blue light filter                          | com.samsung.android.bluelightfilter                                    | 4.0.0          |
| Default Print Service                      | com.android.bips   | 11             |
| CIDManager                                 | com.samsung.android.cidmanager   | 11             |
| CMFA Framework                             | com.samsung.android.cmfa.framework                                     | 1.0.00.18      |
| CMHProvider                                | com.samsung.cmh  | 6.0.54         |
|  | 1 9  |                |

| CSC                                  | com.samsung.sec.android.application.csc                                       | 1.0.1.0         |
|--------------------------------------|---|-----------------|
| CallBGProvider                       | com.samsung.android.callbgprovider  | 12.0.00.26      |
| CallContentProvider                  | com.samsung.android.incall.contentprovider                                    | 12.0.00.6       |
| Call Log Backup/Restore              | com.android.calllogbackup   | 11              |
| ClipboardSaveService                 | com.samsung.clipboardsaveservice  | 2.0             |
| Edge panels                          | com.samsung.android.app.cocktailbarservice                                    | 7.1.13.0        |
| Work profile                         | com.samsung.android.knox.containeragent                                       | 2.7.05001015    |
| Phone                                | com.samsung.crane   | 12.0.00.16      |
| DeX for PC                           | com.sec.android.app.dexonpc   | 1.4.00.16       |
| Samsung DeX                          | com.sec.android.desktopmode.uiservice   | 3.9.21.4        |
| DeviceKeystring                      | com.sec.android.desktopmode.diservice<br>com.sec.android.app.factorykeystring | 11              |
| DQA                                  | com.samsung.android.dqagent   | 2.0.11          |
| DeviceTest                           | com.sec.factory   | 11              |
|                                      |   | 7.0.05          |
| DiagMonAgent<br>Samsung Digital Key  | com.sec.android.diagmonagent  | 1.0.00.25       |
| 3 3 3                                | com.samsung.android.digitalkey  |                 |
| Digital Wellbeing                    | com.samsung.android.forest  | 2.0.00.51       |
| com.google.android.documentsui       | com.google.android.documentsui  | 200000741       |
| Files                                | com.google.android.documentsui  | r_aml_300900741 |
| com.google.android.documentsui       | com.google.android.documentsui  |                 |
| Downloads                            | com.android.providers.downloads.ui  | 11              |
| Wallpapers                           | com.samsung.android.app.dressroom   | 1.3.64          |
| Live focus                           | com.samsung.android.app.dofviewer   | 6.0.41          |
| Wallpaper services                   | com.samsung.android.dynamiclock   | 3.3.01.20       |
| Dynamic System Updates               | com.android.dynsystem   | 11              |
| TestWandFota                         | com.samsung.android.app.earphonetypec   | 1.2.12          |
| Nearby device scanning               | com.samsung.android.easysetup   | 11.0.15.0       |
| com.samsung.android.knox.attestation | com.samsung.android.knox.attestation  | 1.2.00.22       |
| com.sec.epdg                         | com.sec.epdg  | 11              |
| SamsungEuiccService                  | com.samsung.euicc   | 30.0.3          |
| External Storage                     | com.android.externalstorage   | 11              |
| Facebook App Installer               | com.facebook.system   | 59.1.10         |
| Facebook Services                    | com.facebook.services   | 54.0.12         |
| FaceService                          | com.samsung.faceservice   | 4.3.05          |
| Secure Wi-Fi                         | com.samsung.android.fast  | 6.5.00.3        |
| Finder                               | com.samsung.android.app.galaxyfinder  | 9.6.28.0        |
| Find My Mobile                       | com.samsung.android.fmm   | 7.2.09.7        |
| Software update                      | com.wssyncmldm  | 3.7.11          |
| Fused Location                       | com.android.location.fused  | 11              |
| Galaxy Store                         | com.sec.android.app.samsungapps   | 4.5.22.8        |
| Samsung SM8250 GameDriver            | com.samsung.gamedriver.sm8250   | 11.0.00.0       |
| Game Launcher                        | com.samsung.android.game.gamehome   | 4.3.03.5        |
| Game Optimizing Service              | com.samsung.android.game.gos  | 3.4.00.32       |
| Game Booster                         | com.samsung.android.game.gametools  | 3.0.00.18       |
| Package installer                    | com.google.android.packageinstaller   | 11-6684105      |
| GPUWatch                             | com.samsung.gpuwatchapp   | 2.0.40          |
| Tags                                 | com.samsung.android.service.tagservice  | 1.6.15.0        |
| HdmApp                               | com.samsung.android.hdmapp  | 1.0.00.10       |
| Adapt Sound                          | com.sec.hearingadjust   | 11.0.24         |
|                                      |   |                 |

| Instagger  | HwModuleTest                          | com.sec.android.app.hwmoduletest | 11              |
|--|---------------------------------------|----------------------------------|-----------------|
| Inst.ogger Input Devices Incompany Institute Ins | IPService                             |                                  | 4.0.38          |
| input Devices com.android.inputdevices 111 SmartFPSAdjuster com.sec.android.smartfpsadjuster 111 SmartFPSAdjuster com.sec.android.smartfpsadjuster 111 Samsung Visit In com.samsung.android.psgeefence 11.02.122 KLMS Agent com.samsung.android.psgeefence 13.4.20411 Work profile com.samsung.android.kpsgeefence 10.10 Samsung DeX Home com.sec.android.app.desktoplauncher 3.0.03.44 Device Services com.samsung.android.kpsgleint 2.2.70 Knox Key Chain com.samsung.android.kpsgleint 2.2.70 Knox Key Chain com.samsung.android.knox.pushmanager 1.1.00.35 Link to Windows Service com.samsung.android.knox.pushmanager 1.1.00.35 Link to Windows Service com.samsung.android.mox.pushmanager 1.1.00.35 Link to Windows Service com.samsung.android.wox.pushmanager 1.1.00.35 Link to Windows Service com.samsung.android.wox.pushmanager 1.1.00.35 Link Wallpaper Picker com.android.org.android.mox.pushmanager 1.1.00.35 Link Wallpaper Picker com.android.org.android.mox.pushmanager 1.1.00 Work Setup com.android.org.android.mox.pushmanager 1.1.10 Work Setup com.android.org.android.mateagent 1.1.10 Work Setup com.android.org.android.mateagent 2.1.2.12 milp com.samsung.android.mateagent 2.1.2.12 Mohliewips com.samsung.android.mateagent 2.1.2.12 Mohliewips com.samsung.android.server.wifi.mobilewips 1.1.10 Mohliewips com.samsung.android.server.wifi.mobilewips 1.1.19.0 Service mode Rit. com.samsung.android.server.wifi.mobilewips 1.1.19.0 MTP Host com.android.mas.envice 111 MTP Host com.samsung.android.server.wifi.mobilewips 1.1.19.0 Samsung Location SDK com.sac.location.nsfip2 3.3.45 NetworkDiagnostic com.samsung.android.server.wifi.mobilewips 3.3.45 Netw | ImsLogger                             |                                  | 1.20200801      |
| Smartip SAdjuster com.scandroid.smartfpsadjuster 4.1.02.122 KIMS Agent com.samsung.android.ipsgeofence 4.1.02.122 KIMS Agent com.samsung.android.psgeofence 1.0 Samsung DeX Home com.samsung.android.kox.container.core 1.0 Samsung DeX Home com.scandroid.app.desktoplauncher 3.00.344 Device Services com.samsung.android.kgclient 2.2.70 Knox Key Chain com.samsung.android.kgclient 2.2.70 Knox Key Chain com.samsung.android.kgclient 2.2.70 Knox Key Chain com.samsung.android.kgclient 1.1.00.35 Link to Windows Service com.samsung.android.kmox.pshmanager 1.1.00.35 Link to Windows Service com.samsung.android.mdx 2.1.07.4  DECO PIC com.samsung.android.mdx 2.1.07.4 Link Wellpaper Picker com.android.localtrans.port 1.11 Work Setup. com.android.localtrans.port 1.11 Samsung Galasy Friends com.android.dmanaged.provisioning 1.11 Samsung Galasy Friends com.android.managed.provisioning 1.11 Samsung Galasy Friends com.android.managed.provisioning 1.11 Samsung Galasy Friends com.android.groviders.media 1.11 MobileWips com.samsung.android.managed.provisioning 5.0.04 com.android.providers.media 1.11 MobileWips com.samsung.android.managed.provisioning 1.11 MobileWips com.samsung.android.groviders.media 1.11 MobileWips com.samsung.android.groviders.media 1.11 MTP application com.samsung.android.groviders.media 1.11 MTP application com.samsung.android.groviders.media 1.11 Separate app sound com.sac.android.Riservice.wifi.mobilewips 1.1.1.19.0 Service mode RIL com.sac.android.Riservice.wifi.mobilewips 1.1.1.19.0 Service mode RIL com.sac.android.groviders.media 3.0.00.11 NSDSWeApp com.sac.android.groviders.growing.android.setting.multisound 3.0.00.11 NSDSWeApp com.sac.android.groviders.growing.android.setting.multisound 3.0.00.11 NSDSWeApp com.sac.android.networkstack.permission.config com.google.android.networkstack.permission.config com.google.android.networkstack.permission.config com.google.android.networkstack.permission.config com.google.android.networkstack.permission.config com.google.android.networkstack.permission.config com.google. |                                       |                                  | 11              |
| Samsung Visit in comsamsung Android Jegsgefence 4.1.02.122  KLMS Agent comsamsung kinsagent 3.4.20411  Work profile comsamsung android knox container core 1.0  Samsung DeX Home comsamsung android knox container core 1.0  Semsung DeX Home comsamsung android knox container core 1.0  Semsung DeX Home comsamsung android knox pushmanager 1.1.00.35  Knox Key Chain comsamsung Android knox pushmanager 1.1.00.35  Knox Key Chain comsamsung android knox pushmanager 1.1.00.35  Link to Windows Service comsamsung android knox pushmanager 1.1.00.35  Link to Windows Service comsamsung android knox pushmanager 1.1.00.35  Live Wallpaper Picker comsamsung android kullapaper live picker 1.1.  ECO PIC comsamsung android kullapaper live picker 1.1.  Work Setup com android managed provisioning 1.1.  Work Setup comsamsung android managed provisioning 1.1.  Samsung Galay Friends comsamsung android managed provisioning 1.1.  Morbi EVI Comsamsung android providers media 1.1.  Morbi EVI Comsamsung android managed EVI Comsamsung android Maphapplication 1.0.  Morbi EVI Comsamsung android Maphapplication 1.0.  Morbi Host comsamsung android Maphapplication 1.0.  Morbi EVI Comsamsung android Maphapplication 1.0.  Morbi EVI Comsamsung android Maphapplication 1.0.  Morbi EVI Coms | ·                                     | ·                                | 11              |
| KIMS Agent         com.samsung.kimsagent         3.4.20411           Work profile         com.samsung.android.knox.container.core         1.0           Samsung DeX Home         com.sac.android.app.desktoplauncher         3.0.03.44           Device Services         com.samsung.android.kpdient         2.2.70           Knox Key Chain         com.samsung.android.kpdient         1.1           Knox Key Chain         1.1         Knox Key Chain         1.1           Knox Key Chain         com.samsung.android.kpdient         2.2.70           Knox Wallanger         com.samsung.android.knox.pushmanager         1.1.00.35           Link to Windows Service         com.samsung.android.kmdx         2.1.07.4           DECCO PIC         com.samsung.android.kmdx         2.1.07.4           Use Wallpaper Picker         com.android.mdx         1.1           Com.android.coll transport         1.1         1.1           Work Setup         com.android.coll.coaltransport         1.1           Work Setup         com.android.managedprovisioning         1.1           Samsung Galaxy Friends         com.samsung.android.mateagent         2.1.21.2           mlp         com.samsung.android.mateagent         2.1.21.2           mlp         com.samsung.android.mateagent         1.1   |                                       |                                  | 4.1.02.122      |
| Work profile com.samsung.android.knox.containercore 1.0 Samsung DeX Home com.samsung.android.kpichextoplauncher 3.0.03.444 Device Services com.samsung.android.kpichert 2.2.70 Knox Key Chain com.samsung.android.kpichert 11.1 KnoxPushManager com.samsung.android.knox.pushmanager 1.1.0.035 Link to Windows Service com.samsung.android.knox.pushmanager 1.1.0.035 Live Wallpaper Picker com.samsung.android.livestickers 2.0.00.33 Live Wallpaper Picker com.android.do.android.wallpaper.livepicker 11 Work Setup com.android.localtransport 11 Work Setup com.android.managedprovisioning 11 Samsung Galaxy Friends com.samsung.android.managedprovisioning 11 Samsung Galaxy Friends com.samsung.android.mateagent 2.1.2.1.2 mlp com.android.providers.media 11 MmService com.android.mms.service 111 MobileWips com.samsung.android.server.wifi.mobilewips 1.1.1.9.0 Service mode RIL com.samsung.android.server.wifi.mobilewips 1.1.1.9.0 Service mode RIL com.samsung.android.server.wifi.mobilewips 1.1.1.9.0 MTP application com.samsung.android.setting.multisound 3.0.00.11 MTP Host com.android.mtp 11 Separate app sound com.samsung.android.setting.multisound 3.0.00.11 NSDSWebApp com.sec.visim.ericssonnsds.webapp 2.0.06.0 Samsung Location SDK com.sec.visim.ericssonnsds.webapp 2.0.06.0 Samsung Location SDK com.sec.visim.ericssonnsds.webapp 2.0.06.0 Samsung Location story com.sec.visim.ericssonnsds.webapp 2.0.06.0 Samsung Location setworkstack.permissionconfig com.google.android.networkstack.permissionconfig com.google.android.networkstack.permissionconfig com.google.android.networkstack.permissionconfig com.google.android.networkstack.permissionconfig com.google.android.networkstack.permissionconfig com.google.android.networkstack.permissionconfig com.google.android.networkstack com.google.android.networkstack com.google.android.networkstack co | 9                                     |                                  | 3.4.20411       |
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| OneDrive com.microsoft.skydrive 6.16   |                                       |                                  | 7.4.07          |
| , ,  | <u> </u>                              |                                  |                 |
| Samsung PaymentFramework com.samsung.android.spayfw 2.9.04   |                                       | -                                |                 |
| People edge com.samsung.android.service.peoplestripe 12.0.00.14  |                                       |                                  |                 |
| RilNotifier com.sec.app.RilErrorNotifier 1.0.0   |                                       |                                  |                 |

| Photo Editor                          | com.sec.android.mimage.photoretouching | 2.9.11.35   |
|---------------------------------------|--|-------------|
| Application installer                 | com.sec.android.preloadinstaller       | 11          |
| ProxyHandler                          | com.android.proxyhandler               | 11          |
| Media and devices                     | com.samsung.android.mdx.quickboard     | 2.0.12.482  |
| Bixby Routines                        | com.samsung.android.app.routines       | 3.0.45      |
| Customization Service                 | com.samsung.android.rubin.app          | 2.8.00.14   |
| SCameraService                        | com.samsung.android.camerasdkservice   | 1.1         |
| SCameraXService                       | com.samsung.android.cameraxservice     | 1.1         |
| Configuration update                  | com.samsung.android.sdm.config         | 3.0.08      |
| SEMFactoryApp                         | com.sem.factoryapp                     | 1.0.00.41   |
| SKMSAgentService                      | com.skms.android.agent                 | 1.0.40-48   |
| Software update                       | com.sec.android.soagent                | 6.0.08      |
| Samsung Push Service                  | com.sec.spp.push                       | 3.3.06      |
| SVC Agent                             | com.samsung.android.svcagent           | 5.0.00.11   |
| Samsung voice input                   | com.samsung.android.svoiceime          | 2.3.01.1    |
| Samsung account                       | com.osp.app.signin                     | 12.0.00.29  |
| Samsung Checkout                      | com.sec.android.app.billing            | 5.0.30.0    |
| Calendar Storage                      | com.android.providers.calendar         | 12.0.00.3   |
| Camera                                | com.sec.android.app.camera             | 11.0.00.40  |
| Samsung Cloud                         | com.samsung.android.scloud             | 4.6.01.2    |
| Contacts                              | com.samsung.android.app.contacts       | 12.1.02.22  |
| Contacts Storage                      | com.samsung.android.providers.contacts | 12.5.04     |
| Samsung Core Services                 | com.samsung.android.scs                | 1.0.00.41   |
| Samsung Device Health Manager Service | com.sec.android.sdhms                  | 11          |
| Phone                                 | com.samsung.android.dialer             | 12.1.02.22  |
| Samsung Experience Svc                | com.samsung.android.mobileservice      | 12.0.00.29  |
| Gallery                               | com.sec.android.gallery3d              | 12.0.00.51  |
| Call                                  | com.samsung.android.incallui           | 12.0.01.58  |
| Magnifier                             | com.sec.android.app.magnifier          | 10.0.60     |
| Messages                              | com.samsung.android.messaging          | 12.1.10.9   |
| Samsung Multi Connectivity            | com.samsung.android.mcfserver          | 1.0.02.85   |
| Samsung Pass                          | com.samsung.android.samsungpass        | 2.6.00.38   |
| Samsung Positioning                   | com.samsung.android.samsungpositioning | 3.1.01.6    |
| Samsung Smart Suggestions             | com.samsung.android.smartsuggestions   | 11          |
| What                                  | com.samsung.android.app.social         | 12.0.00.4   |
| Video Player                          | com.samsung.android.video              | 7.3.10.35   |
| Separated Apps                        | com.samsung.android.appseparation      | 1.0.01.35   |
| Configuration update                  | com.samsung.android.providers.carrier  | 1.0.27      |
| Download Manager                      | com.android.providers.downloads        | 11          |
| Sec Media Storage                     | com.samsung.android.providers.media    | 11          |
| My Files                              | com.sec.android.app.myfiles            | 12.0.00.505 |
| Settings                              | com.android.settings                   | 11          |
| Settings Suggestions                  | com.android.settings.intelligence      | 11          |
| Samsung SetupWizard                   | com.sec.android.app.SecSetupWizard     | 3.0.23.1    |
| SecSoundPicker                        | com.samsung.android.secsoundpicker     | 1.0.00.22   |
| Dialer Storage                        | com.android.providers.telephony        | 11          |
| Secure Folder                         | com.samsung.knox.securefolder          | 1.6.01.50   |
| Send SOS messages                     | com.sec.android.app.safetyassurance    | 12.0.00.45  |
| SettingsBixby                         | com.samsung.android.app.settings.bixby | 3.0.20      |
| Settings Storage                      | com.android.providers.settings         | 11          |
| Settings                              | com.samsung.android.SettingsReceiver   | 11          |
| Quick Share                           | com.samsung.android.app.sharelive      | 12.0.00.23  |
| com.android.sharedstoragebackup       | com.android.sharedstoragebackup        | 11          |

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| QDCM-FFcom.qti.snapdragon.qdcm_ff1.0com.qualcomm.atfwd11System UIcom.android.systemui11Emergency informationcom.android.emergency11Google Services Frameworkcom.google.android.gsf11-6684105com.android.wallpapercropper11Storage Managercom.android.storagemanager11Market Feedback Agentcom.google.android.feedback11-6684105Android Setupcom.google.android.setupwizard230.329243634com.android.carrierconfigcom.android.carrierconfig1.0.0Google One Time Initcom.google.android.onetimeinitializer11-6684105  | com.samsung.android.wallpaper.res                  | com.samsung.android.wallpaper.res           | 11            |
| com.qualcomm.atfwd com.qualcomm.atfwd 11  System UI com.android.systemui 11  Emergency information com.android.emergency 11  Google Services Framework com.google.android.gsf 11-6684105  com.android.wallpapercropper 11  Storage Manager com.android.storagemanager 11  Market Feedback Agent com.google.android.feedback 11-6684105  Android Setup com.google.android.setupwizard 230.329243634  com.android.carrierconfig com.android.carrierconfig 1.0.0  Google One Time Init com.google.android.onetimeinitializer 11-6684105   | Android System                                     | android                                     | 11            |
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|  | com.samsung.android.networkstack.tethering.overlay |   |               |

| com.samsung.android.wifi.softap.resources         | com.samsung.android.wifi.softap.resources         | 1.0       |
|---|---|-----------|
| android.auto_generated_rro_vendor                 | android.auto_generated_rro_vendor                 | 1.0       |
| com.google.android.networkstack.tethering.overlay | com.google.android.networkstack.tethering.overlay | 11        |
| com.samsung.android.wifi.softapwpathree.resources | com.samsung.android.wifi.softapwpathree.resources | 1.0       |
| QTR   | com.qualcomm.qti.smq                              | 11        |
| com.qualcomm.qti.gpudrivers.kona.api30            | com.qualcomm.qti.gpudrivers.kona.api30            | 0.1.0     |
| com.qualcomm.timeservice                          | com.qualcomm.timeservice                          | 11        |
| Samsung SM8250 VKLayer                            | com.samsung.vklayer.sm8250                        | 11.0.00.0 |