Somehow unusual Android malware sample

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Looking for a sample?

tag:apk tag:via-tor s:1



SHA256: f3530c01c42c6384aabdbb2fbdda34d5a996cc740304199db2689a218ef33b91

Nom du fichier : Metrics.Me.apk

Ratio de détection : 5 / 53

Date d'analyse : 2014-11-10 10:07:42 UTC (il y a 3 semaines, 2 jours) Voir les derniers



Permissions

```
android.permission.ACCESS_FINE_LOCATION (fine (GPS) location)
android.permission.SEND_SMS (send SMS messages)
android.permission.RECEIVE_BOOT_COMPLETED (automatically start at boot)
android.permission.CONTROL_LOCATION_UPDATES (control location update notifications)
android.permission.ACCESS_MOCK_LOCATION (mock location sources for testing)
android.permission.MODIFY_PHONE_STATE (modify phone status)
android.permission.ACCESS LOCATION EXTRA COMMANDS
android.permission.CHANGE_COMPONENT_ENABLED_STATE
android.permission.RECEIVE_SMS (receive SMS)
android.permission.READ_PHONE_STATE (read phone state and identity)
android.permission.INTERNET (full Internet access)
android.permission.WRITE_EXTERNAL_STORAGE (modify/delete SD card contents)
android.permission.READ_CONTACTS (read contact data)
android.permission.READ_SMS (read SMS or MMS)
```

SMS Receiver

```
android.runtime
                                                                                                                     SMSReciever.class 🗵
        lerrmessage.lerrmessage
        metrics.me
                                                                                                                            static final String md methods = "n onReceive: (Landroid/content/Context; Landroid/content/Intent
                                                                                                                            ArrayList refList;
              android
                                                                                                                            static
              iava
              # javax.xml.transform
                                                                                                                                 Runtime.register("Z.Core.SMSReciever, Metrics, Version=1.0.0.0, Culture=neutral, PublicKeyToker
             MonoPackageManager

    ■ MonoPackageManager Resources
    ■ MonoPackageManager
    ■ Mono
                                                                                                                            public SMSReciever()
             MonoRuntimeProvider
                                                                                                                                 throws Throwable
       m obama.obama
             J) R
                                                                                                                                 if (getClass() == SMSReciever.class)
                                                                                                                                      TypeManager.Activate("Z.Core.SMSReciever. Metrics. Version=1.0.0.0. Culture=neutral. PublicKe
        opentk

⊕ opentk 1 0

        strikemessage.strikemessage
                                                                                                                            private native void n onReceive(Context paramContext, Intent paramIntent);
         teletrics.teletrics
                                                                                                                            public void monodroidAddReference(Object paramObject)
         xamarin
        # z.core
                                                                                                                                 if (this.reflist == null)
            AppActivity
                                                                                                                                      this.refList = new ArrayList();
            J MainActivity
                                                                                                                                 this.refList.add(paramObject);
             OnBootHandler

    □ RunService

                                                                                                                            public void monodroidClearReferences()
             J SMSReciever
▼ # zcore.zcore
                                                                                                                                 if (this.refList != null)
            J) R
                                                                                                                                      this.refList.clear():
                                                                                                                            public void onReceive(Context paramContext. Intent paramIntent)
                                                                                                                                 n onReceive(paramContext, paramIntent):
```

Mono? .NET?

samples/aulrin/lib/armeabi-v7a\$ ls

libmonodroid_bundle_app.so libmonodroid.so libmonosgen-2.0.so

| Exports 🗶 📳 IDA View-A 🗶 | Hex View-1 |
|-----------------------------------|------------|
| Name | ↑ Address |
| mono_mkbundle_init | 00000888 |
| install_dll_config_files | 00000734 |
| ssembly_data_mscorlib_dll | 0005EEE0 |
| assembly_data_Z_VFS_Android_dll | 00016100 |
| ssembly_data_Xamarin_Mobile_dll | 0000D860 |
| assembly_data_System_dll | 00100140 |
| ssembly_data_System_Core_dll | 000D8D20 |
| assembly_data_NLua_Android_dll | 00004920 |
| assembly_data_Mono_Android_dll | 00032AC0 |
| assembly_data_Metrics_dll | 00000BA0 |
| assembly_data_KopiLua_Android_dll | 0001C640 |
| data_start | 001359AC |

Questions for you!

How to un-bundle mkbundle?

What's Lua doing there?

Sample hash: 7350decd88f7810d6b655f94abe4aac6

You can reach me via:



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