

Second technical verification Microsoft improvement measures

Office for the Web and mobile
apps

7 April 2021

Version management

Version	Date	Remarks
0.1	7 April 2021	First draft
0.2	8 April 2021	Full report

Contents

INTRODUCTION.....	3
1. LEGAL GUARANTEES DATA PROCESSOR ROLE	6
1.1. PROCESSOR FOR THE IOS AND ANDROID OFFICE APPS	7
1.2. PROCESSOR FOR OFFICE FOR THE WEB	8
1.3. PROCESSOR FOR INTUNE COMPANY PORTAL APP	9
2. TRAFFIC TO THIRD PARTIES.....	10
3. PRESENCE AND FUNCTIONING OF DATA VIEWER TOOL	11
4. TRANSPARENCY ON TELEMETRY DATA.....	16
5. EFFECTIVITY DATA SUBJECT ACCESS REQUEST	17
CONCLUSIONS	19

Introduction

This report is a technical verification on the improvement measures agreed by Microsoft to mitigate high data protection risks for end-users when they use Office 365 for the Web and mobile Office apps.

As commissioned by SLM Rijk, in 2020 Privacy Company conducted a (repeat) Data protection impact assessment (DPIA) on Office 365 for the Web and mobile Office apps. The results were published in July 2020.¹ The DPIA concluded there were 6 high data protection risks for end-users of the software related to the processing of data about their use of the software and services (so-called Diagnostic Data).

Between April and June 2020, SLM Microsoft Rijk and Microsoft agreed on measures to mitigate the six high data protection risks, as described in Section 17.3 of the DPIA. Some of the mitigating measures could be implemented fast, other mitigating measures required more time.

Privacy Company conducted a first check on the status quo of the implementation measures in August 2020, and found Microsoft complied with the 4 mitigating measures it had agreed to implement per 1 August 2020. These were:

1. Provide further information on the third parties identified in the DPIA report and classification of these parties either as a sub-processor (if Microsoft is a processor) or a Controller Connected Experience, a Non-Microsoft Product or an Add-In (if Microsoft is the controller).
2. Roll out controls by which the system administrator can limit or turn off, at the customer's choice, the use of optional/Controller Connected Experiences for the Excel, OneDrive, Outlook, PowerPoint, Teams and Word mobile applications.
3. Roll out controls to limit the collection by Microsoft of diagnostic data from the Excel, OneDrive, Outlook, PowerPoint, Teams and Word mobile applications (telemetry limitation choice for admins), plus ensure that all diagnostic data collected from Office for the Web will be limited to (the minimum level of) Required Service Data.
4. Prevent the presence of certain content (file-, pad-, usernames) in telemetry data when using parts of Office for the Web.

¹ Data protection impact assessment Office 365 for the Web and mobile Office apps, 30 June 2020, URL: <https://www.rijksoverheid.nl/binaries/rijksoverheid/documenten/rapporten/2020/06/30/data-protection-impact-assessment-office-365-for-the-web-and-mobile-office-apps/DPIA+Office+for+the+Web+and+mobile+Office+apps+30+June+2020.pdf>

In this second check, Privacy Company verified Microsoft's compliance with the remaining improvement measures, also with regard to some low risks found in the separate DPIA on Microsoft Intune.²

This report is based on the following 5 verification questions:

1. Has Microsoft legally guaranteed (in its OST and DPA) that it only acts as data processor of all personal data that Microsoft and its sub-processors process through the Office mobile apps, through Office for the Web, and through the Intune Company Portal app? This, with the exception of processing through the Controller Connected Experiences and processing through the Apple, Google and Samsung mobile platforms.
2. If a system administrator has disabled the Controller Connected Experiences, does Microsoft still send traffic to third parties? If so, are those third parties mentioned on the list of subprocessors? Have new sub-processors been added to the list, compared to the situation in August 2020?
3. Does Microsoft provide a data viewer tool for OneDrive, Outlook and Teams, and does it work properly?
4. Has Microsoft published adequate documentation on the diagnostic data it collects from the inspected Office mobile apps, the Intune Company Portal app, and the Office for the Web apps? Is there any documentation on other Office 365 apps?
5. Does Microsoft give system administrators full access via its (online) Data Subject Access Request tool to the diagnostic data it collects from the inspected (Office 365 and Intune) apps? Does Microsoft provide adequate explanations if it does not provide certain personal data?

Privacy Company found two anomalies in its first compliance check: the presence of names and e-mail addresses in the telemetry data from the OneDrive app on iOS, and the presence of Bing search functionality in the Outlook Office for the Web app (named Expressions). For this latter functionality, Microsoft qualifies as data controller. If an admin disables the Controller Connected Experiences, this functionality should therefore not be visible for end-users. In this second check, these anomalies were checked once more, to verify if Microsoft has taken measures to correct this data collection.

Conclusions

Microsoft has implemented most of the agreed improvement measures according to plan. However, the two anomalies observed in August 2020 are still present today. These are:

1. The presence of a Controller Connected Experience in the Outlook Web app and thus traffic to third party Giphy, and;

² Data protection impact assessment Intune, 30 June 2020, URL: <https://www.rijksoverheid.nl/binaries/rijksoverheid/documenten/rapporten/2020/06/30/data-protection-impact-assessment-intune/DPIA+Intune+30+June+2020.pdf>

2. The presence of names and e-mail addresses in Android OneDrive, iOS OneDrive, and Word Online telemetry.

Additionally, the analysis of the telemetry traffic shows that there are major bugs in the telemetry data viewer tools for iOS Teams, Android OneDrive, and Android Word. The data collected via the data viewer tool differ from a comparable data collection via a mitm proxy. Moreover, the majority of diagnostic data that were found during the tests are not listed in the overview provided by Microsoft.

Microsoft's responses to the Data Subject Access Requests filed by the administrator do not include the telemetry data, so these answers are incomplete. Microsoft does not provide an explanation why these personal data are not included.

Once Microsoft corrects these anomalies and completes the diagnostic data overview, and provided that government administrators apply the recommended measures from the DPIA, the high data protection risks for data subjects related to the collection of data about the use of Office for the Web and the mobile Office apps identified in this DPIA will be mitigated.

1. Legal guarantees data processor role

This section answers the first verification question:

Has Microsoft legally guaranteed (in its OST and DPA) that it only acts as data processor of all personal data that Microsoft and its sub-processors process through the Office mobile apps, through Office for the Web, and through the Intune Company Portal app? This with the exception of processing through the Controller Connected Experiences and processing through the Apple, Google and Samsung mobile platforms.

Microsoft provides its main legal privacy guarantees through its Online Service Terms (OST)³ and the Data Protection Addendum (DPA).⁴ Starting in March 2021, Microsoft no longer offers an integrated Word document of its OST. Microsoft only publishes two skeleton sets of universal license terms (for Online Services and for all software), and a new section 'Online Services Privacy & Security Terms' on its new Product Terms website. Specific conditions per type of service or software are now only published online, and the contents of this information may vary, depending on the type of volume license. Microsoft publishes a list of monthly changes.⁵

For this check, Microsoft's information was checked for the two types of licenses that are most likely to be used by government organisations: the Microsoft Product and Services Agreement (MPSA), and Microsoft Enterprise/Enterprise Subscription/Server and Cloud Enrollments (EA/EAS/SCE). No apparent differences were found between the privacy information relevant for this check for these two types of licenses.

In the new universal section Online Services Privacy & Security Terms⁶ Microsoft explains that Office for the Web is a Core Online Service, but the mobile Office apps and the Intune Company Portal app are not:

Core online services are: *"The following services, each as a standalone service or as included in an Office 365-branded plan or suite: (...), Office for the web (...). Office 365 Services do not include Microsoft 365 Apps for enterprise (...), any client software (...)."*

³ Microsoft Online Services Terms. The most recent available Word version from the OST dates from February 2021, URL: <https://www.microsoftvolumelicensing.com/Downloader.aspx?DocumentId=18738>. Microsoft notes: *"Please note this is the last Online Services Terms Word document. Going forward, the terms will be published on the Product Terms site available at <https://www.microsoft.com/licensing/terms/productoffering>"*

⁴ Microsoft Online Services DPA. The most recent public version from the DPA dates from 9 December 2020, URL: <https://www.microsoftvolumelicensing.com/Downloader.aspx?DocumentId=18600> In the DPA, Microsoft explains it makes archived version available via <https://aka.ms/DPA>.

⁵ Microsoft, Summary of Changes, URL: <https://www.microsoft.com/licensing/terms/product/changes/MPSA>

⁶ Microsoft, Online Services Privacy & Security Terms, URL: <https://www.microsoft.com/licensing/terms/product/PrivacyandSecurityTerms/EES>

⁷ Idem.

With regard to Intune, Microsoft explains that only its cloud-provided services are Core Online Services, not any installed software:

Core online services are: *"The cloud service portion of Microsoft Intune such as the Microsoft Intune Add-on Product or a management service provided by Microsoft Intune such as Mobile Device Management for Office 365."*⁸

However, even though Office for the Web, the mobile Office apps and the Intune Company Portal app are not 'Core Online Services', Microsoft does provide general and specific guarantees about its role as data processor for each of the three types of software and services in Service Specific Terms.

In its universal license terms for Online Services⁹, Microsoft mentions the existence of its telemetry data collection through software, both for the purpose of license verification, and for the purposes defined in the Data Protection Addendum:

*"Microsoft may automatically check the version of any of its software. Devices on which the software is installed may periodically provide information to enable Microsoft to verify that the software is properly licensed. This information includes the software version, the end user's user account, product ID information, a machine ID, and the internet protocol address of the device. If the software is not properly licensed, its functionality will be affected. Customer may only obtain updates or upgrades for the software from Microsoft or authorized sources. By using the software, Customer consents to the transmission of the information described in this section. Microsoft may recommend or download to Customer's devices updates or supplements to this software, with or without notice. Some Online Services may require, or may be enhanced by, the installation of local software (e.g., agents, device management applications) ("Apps"). **The Apps may collect Diagnostic Data (as defined in the DPA) about the use and performance of the Apps, which may be transmitted to Microsoft, to the extent any Personal Data is contained therein, and used for the purposes described in the DPA.** [emphasis added by Privacy Company]"*

The reference to the DPA for the installed apps implies that Microsoft (only) acts as data processor for the mobile Office apps and the Intune Company Portal app.

1.1. Processor for the iOS and Android Office apps

Microsoft explains in the Product Terms for Microsoft 365 Applications:

"Smartphone and Tablet Devices

Each user to whom Customer assigns a Microsoft 365 Apps for business or Microsoft 365 Apps for enterprise User SL may (i) use Microsoft Office for mobile

⁸ Ibid.

⁹ Microsoft, Universal License Terms, For Online Services, URL:

<https://www.microsoft.com/licensing/terms/product/ForOnlineServices/EES>

devices for commercial purposes and (ii) sign in to Microsoft Office with their work or school account on up to five smartphones and five tablets.

When versions of Microsoft Word, Excel, PowerPoint, Outlook, OneDrive, and Teams applications for mobile devices ("M365 Mobile Applications") are used with a work or school account to access Online Services governed by these terms, the terms that govern the relevant Online Service apply to that use of the M365 Mobile Applications. Microsoft's commitments related to M365 Mobile Applications do not extend to data processing, policies, or practices of third-party providers of mobile platforms on which the mobile applications operate (e.g., Apple, Google)."¹⁰

Microsoft has thus provided the agreed legal guarantee that it only acts as data processor for the mobile Office apps, with the exclusion of data processing of third-party mobile platforms on which the mobile apps operate.

1.2. Processor for Office for the Web

As explained above, Microsoft qualifies Office for the Web as a Core Online Service in its universal Online Service Terms. That means Microsoft only acts as a data processor, as defined in the scope of the Data Protection Addendum:

*"The DPA Terms apply to all Online Services except any Online Services specifically identified as excluded in Attachment 1 to the OST (or successor location in the Use Rights), which are governed by the privacy and security terms in the applicable Online Service specific terms."*¹¹

Microsoft publishes General Service Terms and Service Specific Terms for Office for the Web (browser-based access to the Office applications) on its Product Terms Site.¹²

In the Service Specific Terms, Microsoft explains that it only considers Word, Excel, PowerPoint and OneNote as Core Features (not Teams or Outlook):

"Office for the web or its successor service will have the following Core Features capabilities stated in the General Terms:

¹⁰ Microsoft 365 Applications, Service Specific Terms, URL:

<https://www.microsoft.com/licensing/terms/productoffering/Microsoft365Applications/MPSA> and <https://www.microsoft.com/licensing/terms/productoffering/Microsoft365Applications/MPSA#ServiceSpecificTerms>.

¹¹ Microsoft Online Services DPA, 9 December 2020, URL:

<https://www.microsoftvolumelicensing.com/Downloader.aspx?DocumentId=18600>.

¹² Microsoft, Office for the Web, General and Service Specific Terms, URL:

<https://www.microsoft.com/licensing/terms/productoffering/Officefortheweb/MPSA>.

An end user will be able to create, view, and edit documents in Microsoft Word, Excel, PowerPoint, and OneNote file types that are supported by Office for the web or its successor service.

*External Users invited to site collections via Share-by-Mail functionality do not need User SLs with Office for the web.*¹³

In its General Service Terms, Microsoft explains that other applications (notably Outlook) will substantially conform to the Core Features description:

*"During the term of Customer's subscription, the Office 365 Services will substantially conform to the Core Features description provided (if any) in the Office 365 service-specific sections, subject to Product restrictions or external factors (such as the recipient, message rate, message size and mailbox size limits for e-mail; default or Customer-imposed data retention policies; search limits; storage limits; Customer or end user configurations; and meeting capacity limits). Microsoft may permanently eliminate a functionality specified in the Office 365 service specific sections only if it provides Customer a reasonable alternative functionality."*¹⁴

Microsoft has thus provided the agreed legal guarantee that it only acts as data processor for Office for the Web.

However, in the Outlook Office for the Web app, the search functionality Expressions still appears, for which Microsoft appears to be a data controller. If an end-user uses that Bing-based functionality, Microsoft-as-a-data-processor sends personal data to Microsoft-as-a-data-controller against the instructions of the data controller. See Section 3 below.

1.3. Processor for Intune Company Portal app

In its Service Specific Terms for Microsoft Intune (under 'Other Online Services', 'Microsoft Intune'), unchanged compared to the last OST of February 2021, Microsoft explains:

"Manage Devices and Applications

*Each User to whom Customer assigns a User SL may access and use the Online Services and related software (including System Center software) to manage applications and up to fifteen devices. Management of a device accessed by more than one user requires a User SL for each user. **"If Intune Company Portal App is used to manage devices, the terms of the OST that apply to Microsoft Intune Online Services (as defined in the Core Online Services table in Attachment 1 - Notices) apply to the use of Intune Company Portal App. Microsoft's commitments related to Intune Company Portal App do not extend to data processing, policies, or practices of third-party providers of mobile platforms***

¹³ Idem.

¹⁴ Ibid.

on which Intune Company Portal App operates (e.g., Apple, Google. [Emphasis added by Privacy Company]”

Microsoft has thus provided the agreed legal guarantee that it only acts as data processor for the Intune Company Portal app.

2. Traffic to third parties

This section answers the second verification question:

If a system administrator has disabled the Controller Connected Experiences, does Microsoft still send traffic to third parties? If so, are those third parties mentioned on the list of subprocessors? Have new sub-processors been added to the list, compared to the situation in August 2020?

Methodology and findings

1. Privacy Company has created a new test account in its own Microsoft365 Business tenant.
2. Privacy Company applied its regular testing procedure, with test devices and interception with Mitm-proxy, as described more extensively in complete DPIA reports.
3. As admin of the tenant, we have switched off the Controller Connected Experiences.
4. We checked the currently available version of the subprocessor list.

Subprocessor list

Microsoft’s list of subprocessors for the Online Services can be found online, in its overview of Data Protection Resources.¹⁵ Microsoft did not add or remove subprocessors from this list since 1 August 2020. As confirmed in the first technical verification report, this means that only Adjust, Akamai and UserVoice may process personal diagnostic or customer data as subprocessors. Traffic to Cloudflare, Giphy and Helpshift should not occur, as these third parties are only used in connection with Controller Connected Experiences.

Based on the tests, it appears that traffic to Giphy still occurs from Outlook Online. No traffic to third parties was seen from any of the other tested applications.

Traffic to Microsoft as data controller

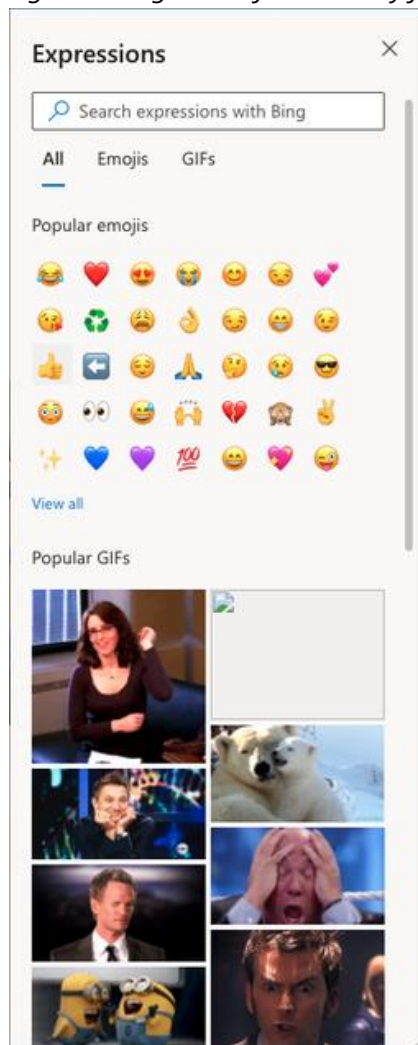
As first noted in the August 2020 verification report, in the Outlook Office for the Web app, the search functionality Expressions continues to appear, even though all Controller Connected Experiences were centrally disabled. As this image search tool is based on Microsoft’s consumer service Bing, Microsoft appears to be a data controller for this data processing. If an end-user uses that Bing-based functionality, Microsoft-as-a-data-processor thus sends personal data to Microsoft-

¹⁵ Microsoft Online Services Subprocessor List, Last updated 31 July 2020.

<https://servicetrust.microsoft.com/ViewPage/TrustDocumentsV3?command=Download&downloadType=Document&downloadId=926b2cf5-6b6e-43ca-9bc3-f73e961aad5f&tab=7f51cb60-3d6c-11e9-b2af-7bb9f5d2d913&docTab=7f51cb60-3d6c-11e9-b2af-7bb9f5d2d913> Subprocessor List

as-a-third party data controller. This explicitly goes against the instructions of the data controller to block access for end-users to functionalities for which Microsoft, or third parties, acts as data controller. In the tests, there were still requests sent from Outlook Online to the Bing service.

Figure 1. Bing search functionality for Expressions in Outlook Online, 7 April 2021.



3. Presence and functioning of Data Viewer Tool

This section answers the third verification question:

Does Microsoft provide a data viewer tool for OneDrive, Outlook and Teams, and does it work properly?

Microsoft now indeed provides a data viewer tool. The question was whether the tool is available for OneDrive, Outlook and Teams. In the technical setup, the presence and working of the data viewer tool for all the different apps on each platform was tested. The tool is shown in all the iOS

and Android apps and can be configured. Testing the data viewer tool shows that it only works for three apps, namely for the Teams app on iOS, and for the OneDrive and Word app on Android. So, there is a working data viewer tool for OneDrive and Teams, but each only on one platform. The data viewer tool for Outlook is not yet working.

Table 1. Overview availability and functionality Data Viewer Tool.

	Data viewer available	Data viewer working	Data overview complete
iOS OneDrive	yes	no	n.a.
iOS Excel	yes	no	n.a.
iOS PowerPoint	yes	no	n.a.
iOS Teams	yes	yes	no
iOS Word	yes	no	n.a.
iOS Outlook	yes	no	n.a.
Android OneDrive	yes	yes	no
Android Excel	yes	no	n.a.
Android PowerPoint	yes	no	n.a.
Android Teams	yes	no	n.a.
Android Word	yes	yes	*
Android Outlook	yes	no	n.a.

*Due to the large amount diagnostic messages for Word on Android (4914 observed through the proxy and 4440 through the Diagnostic Data Viewer) Privacy Company could not determine if differences in observed diagnostic data are caused by slight variations in the manual testing or by the Diagnostic Data Viewer showing incomplete results.

Privacy Company performed the tests twice, with and without a proxy to intercept traffic data. The data viewer tool does not function in combination with a network proxy. The tests also show that the data viewer tool does not work as documented. The connection string that is provided has to be changed to an explicit http-connection by pre-pending "<http://>" to the connection string. When the tool is configured in the app, the app indicates that the connection to the tool is working properly. However, no telemetry is seen in the data viewer tool. This can have two reasons: either the tool does not work correctly, or no telemetry is sent.

To verify whether telemetry is sent, Privacy Company assessed the network traffic that was captured via the proxy. The traffic contains a lot of telemetry data, so at least the data viewer tools for some of the apps do not work properly (yet). Privacy Company collected telemetry messages in requests to the following domains:

- browser.pipe.aria.microsoft.com

- browser.events.data.microsoft.com
- ic3.events.data.microsoft.com
- self.events.data.microsoft.com
- teams.events.data.microsoft.com
- web.vortex.data.microsoft.com

The three data viewer tools that are actually working do also include the telemetry data. In the analysis of the network traffic that was captured via the proxy, Privacy Company also found telemetry data. However, the telemetry data in the network traffic differ from the telemetry data that are provided via the data viewer tool. Due to the fact that the data viewer tool does not work when combined with a mitm proxy, the scenarios were executed with slight differences and not in parallel. So, it is difficult to make a detailed comparison of the two sets of telemetry data. What is clear, is that the data-sets do differ in content, as well as in the event names that are used. This makes it hard to verify whether the telemetry shown in the data viewer tool is indeed complete.

An overview and comparison of the telemetry data detected via the mitm proxy and via the data viewer tool can be found in [Annex 1](#).

In the telemetry data sent from the OneDrive app in Android and iOS and Word Online, the names and e-mail addresses of our test users were found. Most examples are of the user's name and e-mail contained in a Sharepoint URL.

An example of the appearance of an employee name can be found below:

```
{
  "ver": "3.0",
  "name": "qosmobile",
  "time": 637529646125000000,
  "popSample": 100.0,
  "iKey": "o:0dd87db8b85e42aba0a6f78e492906af",
  "flags": 257,
  "cV": "",
  "extIngest": [],
  "extProtocol": [
    {
      "metadataCrc": 0,
      "ticketKeys": [],
      "devMake": "HMD Global",
      "devModel": "TA-1032"
    }
  ],
  "extUser": [
    {
      "id": "",
      "localId": "p:10032000E7961B87",
      "authId": "",
      "locale": ""
    }
  ]
}
```

```
}
],
"extDevice": [
  {
    "id": "",
    "localId": "a:52bdda93b13082b6",
    "authId": "",
    "authSecId": "",
    "deviceClass": "",
    "orgId": "",
    "orgAuthId": "",
    "make": "",
    "model": ""
  }
],
"extOs": [
  {
    "locale": "",
    "expld": "",
    "bootId": 0,
    "name": "Android",
    "ver": "9"
  }
],
"extApp": [
  {
    "expld": "",
    "userId": "",
    "env": "",
    "asId": 0,
    "id": "OneDrive_Android",
    "ver": "6.27",
    "locale": "en-GB",
    "name": "OneDrive_Android"
  }
],
"extUtc": [],
"extXbl": [],
"extJavascript": [],
"extReceipts": [],
"extNet": [
  {
    "provider": "",
    "cost": "Unmetered",
```

```
"type": "Unknown"
}
],
"extSdk": [
{
  "libVer": "EVT-Android-C++-no-3.5.25.1",
  "epoch": "101c9e71-ea72-736c-83f7-da6c157633fc",
  "seq": 221,
  "installId": "54e8721e-4b9b-0ec7-e738-466ec8a0ee38"
}
],
"extLoc": [
{
  "id": "",
  "country": "",
  "timezone": "+02:00"
}
],
"extCloud": [],
"extM365a": [
{
  "enrolledTenantId": ""
}
],
"ext": [],
"tags": {},
"baseType": "custom.qosmobile",
"baseData": [],
"data": [
{
  "properties": {
    "AccountType": "Business",
    "AuthEnvironment": "Global",
    "BuildType": "Prod",
    "BusinessAuthType": "AAD",
    "CorrelationVector": "9df386cd12dc4cf68e35545c57bc546f",
    "DebugInfo": "SPRequestGuid : f14cba9f-708c-2000-b8e6-73e8ac705938",
    "Duration": "131",
    "Environment": "PROD",
    "EventCategory": "Metadata/Commands",
    "EventInfo.Level": 2,
    "EventName": "QoS/XPlat",
    "EventSchemaVersion": "20",
    "EventType": "QoS",
```



```
"ForegroundMode": "true",
"HttpStatusCode": "200",
"HttpUrl": "https://privacycompany-
my.sharepoint.com:443/personal/floor_terra_privacycompany_nl/_api/v2.0/sites/root/drive?expand=commands",
"IsIntentional": "0",
"Logger": "OneDS",
>LoginTimestamp": "Thu Apr 01 09:56:18 GMT+02:00 2021",
"MAMEnabled": "false",
>Name": "QoS/XPlat",
>PowerSaveMode": "false",
>ResultType": "Success",
>SampleRate": "1",
>TenantId": "439f91bd-ed3a-49cf-b758-9e0d41fe7520",
>TenantName": "Privacy Company",
>UserAgent": "OneDrive for Android/6.27 (Android/9; en-GB; HMD Global/TA-1032)",
>UserId": "10032000E7961B87",
>ai.device.id": "c1a26612-1ec9-4976-b296-1164f4d78767",
>ai.user.id": "p:10032000E7961B87"
}
}
]
}
```

4. Transparency on telemetry data

This section answers the fourth verification question:

Has Microsoft published adequate documentation on the diagnostic data it collects from the inspected Office mobile apps, the Intune Company Portal app, and the Office for the Web apps? Is there any documentation on other Office 365 apps?

Microsoft has published an overview of the diagnostic data collection on 24 March 2021. This list can be found here: <https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data#office-setup-and-inventory-subtype> . This page contains a list of the data items and a brief explanation for each item of what it means or represents. The documentation covers the tested apps, as well as other apps. A full list of the apps for Windows, MacOS, iOS, and Android for which the privacy controls are available can be found here: <https://docs.microsoft.com/en-us/deployoffice/privacy/products-versions-privacy-controls> . The Intune Company Portal app is not included in this list. Other information on diagnostic data collected from the Intune Company Portal app was not found.

The documentation on telemetry and diagnostic data is not complete, or at least it does not match the names given to events. In Annex 1, an overview is given of the detected data via the data viewer tool and via the mitm proxy. If documentation on the specific item is available in the overview as

provided by Microsoft, the URL to the specific item is added to the table. As can be seen, these URLs are lacking for the majority of data events that have been found during the tests.

5. Effectivity Data Subject Access Request

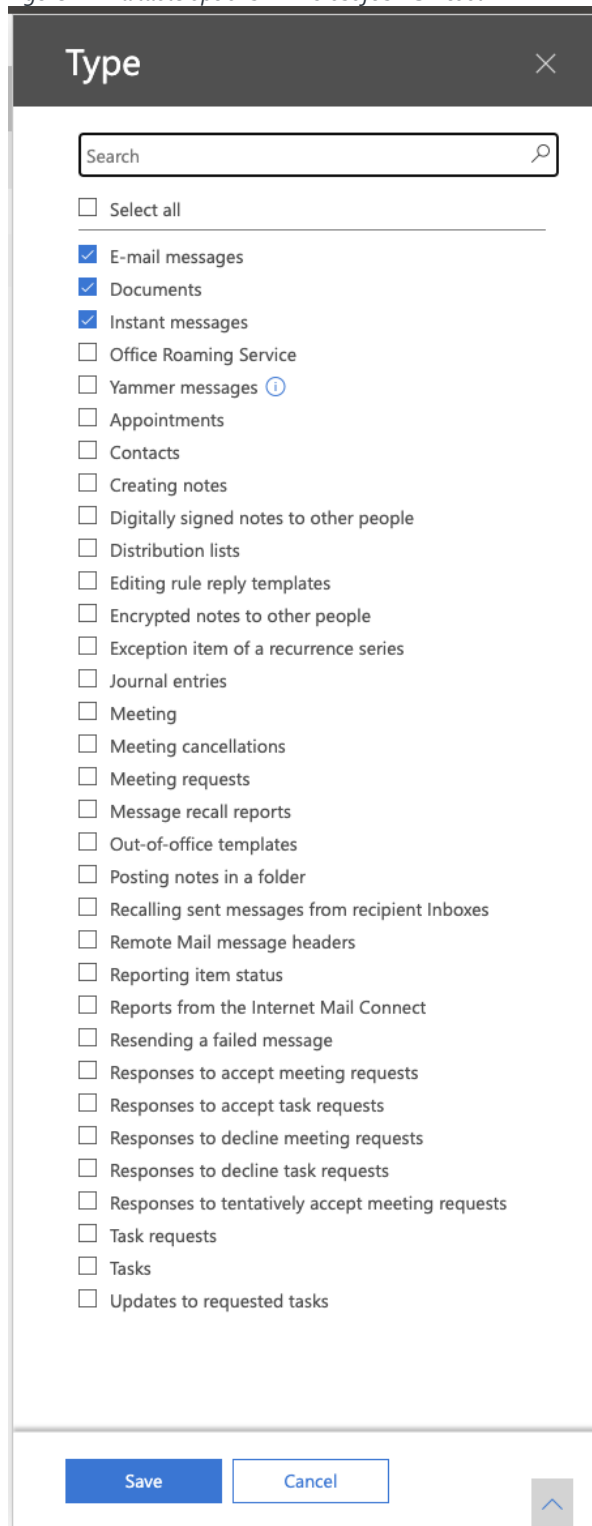
This section answers the fifth and last verification question:

Does Microsoft give system administrators full access via its (online) Data Subject Access Request tool to the diagnostic data it collects from the inspected (Office 365 and Intune) apps? Does Microsoft provide adequate explanations if it does not provide certain personal data?

System administrators can submit the Data Subject Access Request in the admin environment. They then have the option to download the data related to the specific user by means of the Data Subject Request tool provided by Microsoft, see Figure 2 below. This tool does not contain an option to download any diagnostic (meta) data.

Additionally, admins can perform a specific query to obtain the user activities related to content, i.e. the diagnostic data from the service generated server logs. But Microsoft does not provide tools to access the telemetry data generated by end-user activities. Microsoft has not provided an explanation for the omission of the telemetry data from data subject access requests.

Figure 2: Available options in Microsoft's DSR tool¹⁶



¹⁶ Screenshot taken 8 April 2021

Conclusions

Microsoft has implemented most of the agreed improvement measures according to plan. However, the two anomalies observed in August 2020 are still present today. These are:

3. The presence of a Controller Connected Experience in the Outlook Web app and thus traffic to third party Giphy, and;
4. The presence of names and e-mail addresses in Android OneDrive, iOS OneDrive, and Word Online telemetry.

Additionally, the analysis of the telemetry traffic shows that there are major bugs in the telemetry data viewer tools for iOS Teams, Android OneDrive, and Android Word. The data collected via the data viewer tool differ from a comparable data collection via a mitm proxy. Moreover, the majority of diagnostic data that were found during the tests are not listed in the overview provided by Microsoft.

Microsoft's responses to the Data Subject Access Requests filed by the administrator do not include the telemetry data, so these answers are incomplete. Microsoft does not provide an explanation why these personal data are not included.

Once Microsoft corrects these anomalies and completes the diagnostic data overview, and provided that government administrators apply the recommended measures from the DPIA, the high data protection risks for data subjects related to the collection of data about the use of Office for the Web and the mobile Office apps identified in this DPIA will be mitigated.

Technical verification report for SLM Rijk

Sjoera Nas and Floor Terra

www.privacycompany.eu

info@privacycompany.nl

070 – 820 96 90

Privacy Company

Maanweg 174

2516 AB The Hague

PO Box 95315

2509 CH The Hague

Annex 1 Telemetry Documentation:

Event Name	Visible in Diagnostic Data Viewer	Visible in Network Traffic	Documentation URL
Office.AirSpace.AirspaceSceneInitializationTime	yes	yes	
Office.AirSpace.Backend.Graphics.AirSpaceDeferProcessNotificationsOnUIThread	yes	yes	
Office.Android.AccessibilitySystemSettings	yes	yes	
Office.Android.AllApplicationsTelemetry	yes	yes	
Office.Android.AndroidAuthError		yes	https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data#officeandroidandroidautherror
Office.Android.AndroidCommonMetadata	yes	yes	
Office.Android.AndroidIntuneEnrollmentAndPolicyInformationRule	yes	yes	
Office.Android.AndroidOfficeActivationLatency	yes	yes	https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data#officeandroidandroidofficeactivationlatency
Office.Android.AndroidOfficeLaunchToLandingPageLatency	yes	yes	https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data#officeandroidandroidofficelaunchtolandingpagelatency
Office.Android.AppDocsFileOperationEnds	yes	yes	https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data#officeandroidappdocsfileoperationends
Office.Android.AutoCreate.At.DefaultLocation		yes	
Office.Android.DistributionOfAppHostLaunchActivationType	yes	yes	
Office.Android.DocsUI.FileOperations.DeviceStateDuringFileOperations	yes	yes	
Office.Android.DocsUI.FileOperations.OpenDocumentMeasurements	yes	yes	https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data#officeandroiddocsuifileoperationsopendocumentmeasurements
Office.Android.DocsUI.Views.AccountInfoDialogShown		yes	
Office.Android.DocsUI.Views.AndroidnotificationPreferences	yes	yes	
Office.Android.DocsUI.Views.InitialnotificationPreferences		yes	
Office.Android.DocsUI.Views.ShareIntent	yes		

Office.Android.EarlyTelemetry.DisplayTypeIdentifier	yes	yes
Office.Android.EarlyTelemetry.ExpansionFilesPerf	yes	yes
Office.Android.EarlyTelemetry.OneDriveDocumentnotificationShownEvent	yes	
Office.Android.FileSaveStatus	yes	yes
Office.Android.Intune.IntuneJavaUsageInfo	yes	yes
Office.Android.KeyFileOperationSummary	yes	yes
Office.Android.KeyboardMetaDataOnStartup	yes	yes
Office.Android.LandingPageUserAction	yes	yes
Office.Android.ODBShareWebViewData	yes	
Office.Android.PinToHomenotification	yes	
Office.Android.PinToHomeStats	yes	yes
Office.Android.TeachingUIDismiss		yes
Office.Android.TeachingUIShow		yes
Office.Android.TellMeAndroid.SessionInfo	yes	
Office.AppDocs.AppDocs.AppDocsDocumentTemplateDownloadTaskDownloadAsync		yes
Office.AppDocs.AppDocs.BeginInit	yes	yes
Office.AppDocs.AppDocs.CcsiDocumentStateExternalUnregisterDocumentListener	yes	yes
Office.AppDocs.AppDocs.CsiDocument.AutoCreate2OnConnectedServiceAsync		yes
Office.AppDocs.AppDocs.CsiDocument.CanUserSaveRecoveryDocument	yes	yes
Office.AppDocs.AppDocs.CsiDocument.CloseAsync	yes	yes
Office.AppDocs.AppDocs.CsiDocument.FindSize	yes	yes
Office.AppDocs.AppDocs.CsiDocument.GetAccessMode	yes	yes
Office.AppDocs.AppDocs.CsiDocument.GetFutureAccessToken	yes	yes
Office.AppDocs.AppDocs.CsiDocument.GetIDocumentFromFileAsync		yes
Office.AppDocs.AppDocs.CsiDocument.GetIDocumentFromUrlAsync	yes	yes
Office.AppDocs.AppDocs.CsiDocument.GetLocation	yes	yes
Office.AppDocs.AppDocs.CsiDocument.GetName	yes	yes
Office.AppDocs.AppDocs.CsiDocument.GetQuickReplyToken	yes	yes
Office.AppDocs.AppDocs.CsiDocument.GetReadOnlyReasons	yes	yes
Office.AppDocs.AppDocs.CsiDocument.GetResourceId	yes	yes
Office.AppDocs.AppDocs.CsiDocument.GetSyncState	yes	yes
Office.AppDocs.AppDocs.CsiDocument.GetUrl	yes	yes
Office.AppDocs.AppDocs.CsiDocument.GetUrlString	yes	yes
Office.AppDocs.AppDocs.CsiDocument.GetcsiLocation	yes	yes
Office.AppDocs.AppDocs.CsiDocument.IsAutoSaveDisabled	yes	yes
Office.AppDocs.AppDocs.CsiDocument.IsAutoSaveDisabledAndHasRecoveryDat	yes	yes

Office.AppDocs.AppDocs.CsiDocument.IsInOCSTMode	yes	yes	
Office.AppDocs.AppDocs.CsiDocument.IsOpen	yes	yes	
Office.AppDocs.AppDocs.CsiDocument.OpenAsync	yes	yes	
Office.AppDocs.AppDocs.CsiDocument.UpdateAccessModeAsync		yes	
Office.AppDocs.AppDocs.CsiDocument.UpdateCachedReadOnlyReasons	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.AddReadOnlyReasonChangesBasedOnLicensing		yes	
Office.AppDocs.AppDocs.DocumentDescriptor.ApplyReadOnlyReasons		yes	
Office.AppDocs.AppDocs.DocumentDescriptor.CCsiDocumentStateExternalRegisterListenerForDocument	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.CInvokeCsiHelpersUpdateBlockAutoUploadReasonsAsync	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.CloseAsyncHelper	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.ContinueCreateorCopyWithIDocument		yes	
Office.AppDocs.AppDocs.DocumentDescriptor.DeleteFromMruAsync	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.GetLastOpenedDocumentInfo	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.InitializeFromOperationsCsiDocument	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.InitializeFromUrl	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.OnCsiDocumentReadOnlyReasonsChanged	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.OnCsiDocumentRenamed		yes	
Office.AppDocs.AppDocs.DocumentDescriptor.OnCsiDocumentSaveOrSyncStatusChanged		yes	
Office.AppDocs.AppDocs.DocumentDescriptor.OnOperationEnd	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.OpenIDocument	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.SetDocumentAutoSavePreference	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.UpdateBlockAutoUploadReasonsBasedOnLicensing	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.UpdateBlockAutoUploadReasonsOnInitialization	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.UpdateMru	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.UpdateMruOnCsiDocumentSaveOrSyncStatusChanged	yes	yes	
Office.AppDocs.AppDocs.DocumentDescriptor.UpdateMruOnOperationEnd	yes	yes	
Office.AppDocs.AppDocs.DocumentOperation	yes	yes	https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data#officeappdocsappdocsdocumentoperation

Office.AppDocs.AppDocs.DocumentTemplate.CTelemetryInfoUpdate		yes
Office.AppDocs.AppDocs.DocumentTemplate.OpenCsiDocument		yes
Office.AppDocs.AppDocs.DocumentTemplate.OpenCsiDocumentAfterDownloadSucceeded		yes
Office.AppDocs.AppDocs.EndInit	yes	yes
Office.AppDocs.AppDocs.Operation.BeginFromUrlOrPath	yes	yes
Office.AppDocs.AppDocs.Operation.FindOrInitializeDocument	yes	yes
Office.AppDocs.AppDocs.Operation.InvokeAppCallback	yes	yes
Office.AppDocs.AppDocs.Operation.InvokeCompletionCallback	yes	yes
Office.AppDocs.AppDocs.Operation.InvokeUserCallbackOnOperationEnd	yes	yes
Office.AppDocs.AppDocs.Operation.notifyEventListener	yes	yes
Office.AppDocs.AppDocs.Operation.notifyEventListeners	yes	yes
Office.AppDocs.AppDocs.Operation.OnAfterOperationEndsHandler	yes	yes
Office.AppDocs.AppDocs.Operation.OnBeforeBeginsCallback	yes	yes
Office.AppDocs.AppDocs.Operation.OnBeforeBeginsHandler	yes	yes
Office.AppDocs.AppDocs.Operation.OnSaveCheck	yes	yes
Office.AppDocs.AppDocs.Operation.PauseAll	yes	yes
Office.AppDocs.AppDocs.Operation.ResumeAll	yes	yes
Office.AppDocs.Document.Activation.OnLaunchActivated	yes	yes
Office.AppDocs.Document.Activation.OpenLastOpenedDocumentIfNecessaryAsync	yes	yes
Office.AppDocs.Document.LastOpenedDocumentMetadata.CheckRecoveryDataAndContinueOpenIfNecessaryAsync	yes	
Office.AppDocs.Document.LastOpenedDocumentMetadata.CheckRecoveryDataFunc		yes
Office.AppDocs.Document.LastOpenedDocumentMetadata.Clear		yes
Office.AppDocs.Document.LastOpenedDocumentMetadata.GetDocumentFunc		yes
Office.AppDocs.Document.LastOpenedDocumentMetadata.OnCsiDocumentAutoCreateSucceeded		yes
Office.AppDocs.Document.LastOpenedDocumentMetadata.OnCsiDocumentRenamed		yes
Office.AppDocs.Document.LastOpenedDocumentMetadata.ReadFromRegistry		yes
Office.AppDocs.Document.LastOpenedDocumentMetadata.ShouldOpenLastDocument		yes
Office.AppDocs.DocumentTemplateService.DocumentTemplate.RequestTemplateAsync		yes
Office.AppDocs.DocumentTemplateService.DocumentTemplates.RequestDocumentTemplates	yes	yes

Office.AppDocs.SavePromptHelper.CSavePromptHelper	yes	yes
Office.AppDocs.SavePromptHelper.InvokeCsiThrowApiGetAccessModeWithResult	yes	yes
Office.AppDocs.SavePromptHelper.InvokeCsiThrowApiGetQuickReplyTokenWithResult	yes	yes
Office.AppDocs.SavePromptHelper.InvokeCsiThrowApiGetSyncStateWithResult	yes	yes
Office.CoreUI.Android.GetBitmapFromTCID	yes	yes
Office.CoreUI.Android.GetIconDrawableEx	yes	yes
Office.CoreUI.Android.InitializeGallery		yes
Office.CoreUI.Android.ThemeIntialise	yes	yes
Office.Docs.AutoSaveSettings.DocumentSaveModeHelpersUpdateBlockAutoUploadReasonAsync	yes	yes
Office.Docs.AutoSaveSettings.InvokeCsiThrowApiSetManualSaveStateAsync	yes	yes
Office.Docs.AutoSaveSettings.SetStateAsync	yes	yes
Office.Docs.AutoSaveSettings.UpdateBlockAutoUploadReasonsAsyncHelper	yes	yes
Office.Docs.AutoSaveTeachingCallout.InvokeCsiThrowApiGetAccessModeWithResult	yes	yes
Office.Docs.AutoSaveTeachingCallout.InvokeCsiThrowApiGetBlockAutoUploadReasonsWithResult	yes	yes
Office.Docs.AutoSaveTeachingCallout.TeachingCalloutShowTeachingCalloutForSave	yes	yes
Office.Docs.Collab.Coauthor.CoauthorDocumentHelper.RetrieveEditorsTableManager	yes	yes
Office.Docs.Collab.Coauthor.CoauthorDocumentHelper.RetrieveRtcUser	yes	yes
Office.Docs.Collab.Coauthor.CoauthorDocumentHelper.TriggerRetrieveDocumentCoauthors	yes	yes
Office.Docs.CollabCorner.CoauthGalleryInitFM	yes	yes
Office.Docs.CollabCorner.CoauthGalleryOnCoauthorsRetrieved	yes	yes
Office.Docs.CollabCorner.CoauthGalleryOnCoauthorsRetrievedAsyncPost	yes	yes
Office.Docs.CollabCorner.CoauthGalleryRetrieveCoauthors	yes	yes
Office.Docs.CollabCorner.CoauthGalleryRetrieveCoauthorsBeforeAsyncPost	yes	yes
Office.Docs.DocumentActivities.ActivityLogAcquireCapabilityAsync		yes
Office.Docs.DocumentActivities.ActivityLogAddActivitynonCritical		yes
Office.Docs.DocumentActivities.ActivityLogAsyncTask	yes	yes
Office.Docs.DocumentActivities.ActivityLogCacheCapability		yes
Office.Docs.DocumentActivities.ActivityLogCreateLog		yes
Office.Docs.DocumentActivities.ActivityLogDiscardForDocumentChange		yes
Office.Docs.DocumentActivities.ActivityLogEnqueueActivitynonCritical		yes

Office.Docs.DocumentActivities.ActivityLogEntryCreateForRuntimeActivitynonCritical		yes
Office.Docs.DocumentActivities.ActivityLogEntryCreateonCritical		yes
Office.Docs.DocumentActivities.ActivityLogEntrySetStateonCritical		yes
Office.Docs.DocumentActivities.ActivityLogTriggerAsyncTaskWorker	yes	yes
Office.Docs.DocumentActivities.ServiceActivityResultnonCritical		yes
Office.Docs.DocumentActivities.ServiceGetCapabilitiesAsync		yes
Office.Docs.DocumentActivities.ServicePublishActivitiesAsync		yes
Office.Docs.DocumentActivities.TransmitQueueAppendAsyncBatch		yes
Office.Docs.DocumentActivities.TransmitQueueCreateInstance	yes	yes
Office.Docs.DocumentActivities.TransmitQueueInitFilePath	yes	yes
Office.Docs.DocumentActivities.TransmitQueueInsertActivitynonCritical		yes
Office.Docs.DocumentActivities.TransmitQueueLoadAsync	yes	yes
Office.Docs.DocumentActivities.TransmitQueueManagerAsyncQueueTask	yes	
Office.Docs.DocumentActivities.TransmitQueueManagerRunAsync	yes	yes
Office.Docs.DocumentActivities.TransmitQueueRemoveAsyncBatch	yes	yes
Office.Docs.DocumentActivities.TransmitQueueSetEnterpriseDataProtectionAsync	yes	yes
Office.Docs.DocumentActivities.TransmitQueueTryDeleteEmptyFileAsync	yes	yes
Office.Docs.DocumentActivities.TransmitQueueWriteActivity	yes	yes
Office.Docs.DocumentActivities.TransmitQueueWriteDocumentInfoHeader	yes	yes
Office.Docs.DocumentErrorUI.HandleLockingErrors	yes	yes
Office.Docs.DocumentInfoCallout.CCsiDocumentStateExternalRegisterListenerForDocument	yes	yes
Office.Docs.DocumentInfoCallout.CCsiDocumentStateExternalUnregisterDocumentListener	yes	yes
Office.Docs.DocumentInfoCallout.CsiDocumentGetEnterpriseProtection		yes
Office.Docs.DocumentInfoCallout.DocumentInfoHelperInitializeSyncStateChangeListenerHelper	yes	yes
Office.Docs.DocumentInfoCallout.DocumentInfoHelperUninitializeSyncStateChangeListenerHelper	yes	yes
Office.Docs.DocumentInfoCallout.EnableEnableOnUIThread	yes	yes
Office.Docs.DocumentInfoCallout.RenameGetCanRename		yes
Office.Docs.DocumentInfoCallout.RenameOnUIThreadRenameAsync		yes

Office.Docs.DocumentInfoCallout.RenameRenameOnUIThread		yes
Office.Docs.DocumentInfoCallout.RenameShowRenameCallout		yes
Office.Docs.DocumentMru.AggregatedMru.AggregateItemUIEvent		yes
Office.Docs.DocumentMru.AggregatedMru.CachedEntities		yes
Office.Docs.DocumentMru.AggregatedMru.ReadServiceResponseCacheFile		yes
Office.Docs.DocumentMru.AggregatedMru.RecommendedItemActedUpon		yes
Office.Docs.DocumentMru.AggregatedMru.SendServiceRequest		yes
Office.Docs.DocumentMru.AggregatedMru.TryInitFromServiceResponseCache		yes
Office.Docs.DocumentMru.AggregatedMru.WriteServiceResponseCacheFile		yes
Office.Docs.Documentnotifications.Register.ODBVroomSubscribe	yes	yes
Office.Docs.Documentnotifications.Register.OnIdentityChange	yes	yes
Office.Docs.Documentnotifications.RegisterIdentity	yes	yes
Office.Docs.EnterpriseDataProtection.EnterpriseDataProtectionGetProtectionInfoAsync	yes	yes
Office.Docs.EnterpriseDataProtection.EnterpriseDataProtectionSetUIPolicyIdentityAsync	yes	yes
Office.Docs.EnterpriseDataProtection.IsIdentityManaged	yes	yes
Office.Docs.EnterpriseDataProtection.URL	yes	yes
Office.Docs.GRF.Init	yes	yes
Office.Docs.InDocumentErrorUI.CCsiDocumentStateExternalRegisterListenerForDocument	yes	yes
Office.Docs.InDocumentErrorUI.CCsiDocumentStateExternalUnregisterDocumentListener	yes	yes
Office.Docs.InDocumentErrorUI.CErrorUICheckErrorAndReadOnlyStateForDocument	yes	yes
Office.Docs.InDocumentErrorUI.CErrorUIClearHandledErrors	yes	yes
Office.Docs.InDocumentErrorUI.CErrorUIInitialize	yes	yes
Office.Docs.InDocumentErrorUI.CErrorUIRegisterAsSyncStateListener	yes	yes
Office.Docs.InDocumentErrorUI.CErrorUIUninitialize	yes	yes
Office.Docs.InDocumentErrorUI.CErrorUIUnregisterAsSyncStateListener	yes	yes
Office.Docs.InDocumentErrorUI.InvokeCsiThrowApiGetSyncStateWithResult	yes	yes
Office.Docs.LandingPage.CCsiDocumentStateExternalRegisterListenerForAllCachedFiles	yes	yes
Office.Docs.LandingPage.CCsiDocumentStateExternalRegisterListenerForDocument		yes
Office.Docs.LandingPage.CCsiDocumentStateExternalUnregisterDocumentListener		yes

Office.Docs.LandingPage.ExternalCreateLandingPageFileLocationFromUrl	yes	yes
Office.Docs.LandingPage.HandleOpenPickerResult		yes
Office.Docs.LandingPage.LandingPageDocumentItemAction	yes	yes
Office.Docs.LandingPage.LandingPageDocumentItemRequest	yes	yes
Office.Docs.LandingPage.LandingPageDocumentTemplateMetadataRetrieval	yes	yes
Office.Docs.LandingPage.LandingPageDocumentTemplateThumbnailRetrieval		yes
Office.Docs.LandingPage.LandingPageExternalConnectedServiceFileLocationUpdate	yes	yes
Office.Docs.LandingPage.LandingPageFileLocationRequest	yes	yes
Office.Docs.LandingPage.LandingPageGetSharedWithMeDocuments	yes	yes
Office.Docs.LandingPage.LandingPageOnRecentDocActivated	yes	yes
Office.Docs.LandingPage.LandingPageOnSharedWithMeDocActivated	yes	yes
Office.Docs.LandingPage.LandingPageRegisterCurrentDocODCListener		yes
Office.Docs.LandingPage.LandingPageRegisterODCListener	yes	yes
Office.Docs.LandingPage.LandingPageTemplateItemGetThumbnailAsync		yes
Office.Docs.LandingPage.LandingPageUnregisterCurrentDocODCListener	yes	yes
Office.Docs.LandingPage.LandingPageUpdateIdentityBlockDocumentItems	yes	yes
Office.Docs.LandingPage.LandingPageUpdateIdentityBlockFileLocations	yes	yes
Office.Docs.LandingPage.OnOpportunisticSaveAndUploadRequested		yes
Office.Docs.LandingPage.OpportunisticSaveAndUploadHelper		yes
Office.Docs.LandingPage.SavePaneShowRenameCallout		yes
Office.Docs.LandingPage.SavePaneUpdateCurrentDocData		yes
Office.Docs.LandingPage.ShowLandingPageAfterViewUnlockedInUIContextExtra	yes	yes
Office.Docs.LandingPage.ShowLandingPageInUIContext	yes	yes
Office.Docs.LandingPage.ShowLandingPageInUIContextExtra	yes	yes
Office.Docs.LandingPage.ShowLandingPageInternalExtra	yes	yes
Office.Docs.LandingPage.UISartPage	yes	yes
Office.Docs.LogOperation.ReportError	yes	yes
Office.Docs.ModernBackstage.BackstagePageControlUISerFInit	yes	yes
Office.Docs.ModernBackstage.FDoActionmsotcidBackstageRename		yes

Office.Docs.ModernBackstage.FDoActionmsotcidFileSaveAndClose	yes	yes
Office.Docs.ModernBackstage.FDoActionmsotcidSave		yes
Office.Docs.ModernBackstage.FDoActionmsotcidSettings		yes
Office.Docs.ModernBackstage.InvokeCsiThrowApiGetAccessModeWithResult		yes
Office.Docs.ModernBackstage.InvokeCsiThrowApiGetBlockAutoUploadReasonsWithResult		yes
Office.Docs.ModernBackstage.UIBackstage		yes
Office.Docs.ModernSharing.BackgroundInitialization	yes	yes
Office.Docs.ModernSharing.CCsiDocumentStateExternalRegisterListenerForDocument	yes	yes
Office.Docs.ModernSharing.CCsiDocumentStateExternalUnregisterDocumentListener	yes	yes
Office.Docs.ModernSharing.CSharePaneManagerCreateSharedDocumentModelInUIContext	yes	yes
Office.Docs.ModernSharing.CSharePaneManagerEditorsUpdateAvailable	yes	yes
Office.Docs.ModernSharing.CSharePaneManagerGetOrCreateSharedDocumentModelInUIContext	yes	
Office.Docs.ModernSharing.CSharePaneManagerHideSharePanelInUIContext	yes	yes
Office.Docs.ModernSharing.CSharePaneManagerInitBGThread	yes	yes
Office.Docs.ModernSharing.CSharePaneManagerInitializeCoauthors	yes	yes
Office.Docs.ModernSharing.CSharePaneManagerInitializeCoauthorsWithIDocument	yes	yes
Office.Docs.ModernSharing.CSharePaneManagerOnCloseEvent	yes	yes
Office.Docs.ModernSharing.CSharePaneManagerOnEditorsUpdateAvailableBG	yes	yes
Office.Docs.ModernSharing.CSharePaneManagerOnOpenEvent	yes	yes
Office.Docs.ModernSharing.CSharePaneManagerShowSharePanelInUIContextTcidShare	yes	
Office.Docs.ModernSharing.CSharePaneManagerUpdateCoauthorsFromEditorsTable	yes	yes
Office.Docs.ModernSharing.ShareContractSourceInitialize	yes	yes
Office.Docs.ModernSharing.SharePaneControlUserFDoAction	yes	
Office.Docs.ModernSharing.SharePaneManagerExternalGetEditors	yes	yes
Office.Docs.ModernSharing.SharePaneManagerExternalGetEditorsFromIDocument	yes	yes
Office.Docs.ModernSharing.SharedDocumentImplHrEnsureServiceInitialized		yes
Office.Docs.ModernSharing.SharedDocumentImplInitialize	yes	yes
Office.Docs.ModernSharing.SharedDocumentImplRefreshPermissions		yes
Office.Docs.ModernSharing.SharedDocumentImplUninitialize	yes	yes

Office.Docs.ModernSharing.SharedDocumentImplUpdateCurrentUIMode	yes	yes
Office.Docs.ModernSharing.SharedDocumentImplUpdateSharedWithList	yes	yes
Office.Docs.ModernSharing.Uninitialize	yes	yes
Office.Docs.MruCsiListener.CMrupdateRequest	yes	yes
Office.Docs.MruCsiListener.CMrupdaterequestParams		yes
Office.Docs.MruCsiListener.OnCsiDocumentSyncStateChanged		yes
Office.Docs.MruCsiListener.PlaceMrupdateRequest	yes	yes
Office.Docs.MruServiceApi.Documents.SendPendingWriteRequest		yes
Office.Docs.MruServiceApi.Documents.SendPendingWriteRequests	yes	yes
Office.Docs.MruServiceApi.Places.SendPendingWriteRequest		yes
Office.Docs.MruServiceApi.Places.SendPendingWriteRequests	yes	yes
Office.Docs.MruServiceApi.ReadDocumentCallbacks		yes
Office.Docs.MruServiceApi.ReadPlaceCallbacks		yes
Office.Docs.MsoSharing.GetHostCapabilitiesRestApi		yes
Office.Docs.MsoSharing.GetPermissionsRestApi		yes
Office.Docs.MsoSharing.SharePointRestSharingProxyInit		yes
Office.Docs.MsoSharing.SharingProxyFactoryCreateProxy		yes
Office.Docs.SharedComments.UpdateDocumentPropertiesFromIDocument	yes	yes
Office.Docs.SharingVroomClient.SendRequest		yes
Office.Docs.SyncStatusPaneManager.CCsiDocumentStateExternalCreateQueryAllDocumentsWithErrors	yes	yes
Office.Docs.SyncStatusPaneManager.CSyncStatusPaneManagerExamineQueryResult	yes	yes
Office.Docs.SyncStatusPaneManager.CSyncStatusPaneManagerExecuteQuery	yes	yes
Office.Docs.SyncStatusPaneManager.CreateQueryAllDocumentsWithErrors	yes	yes
Office.Docs.SyncStatusPaneManager.EnableErrorUI	yes	yes
Office.Docs.SyncStatusPaneManager.GetCountOfDocumentsWithErrorsCommon	yes	yes
Office.Docs.SyncStatusPaneManager.GetODCErrorCount	yes	yes
Office.Docs.SyncStatusPaneManager.OnAppInitializedHelper	yes	yes
Office.Docs.SyncStatusPaneManager.ShowSyncStatusPane	yes	yes
Office.Docs.TargetedPush.PlatformnotificationServiceRegisterAsync	yes	yes
Office.Docs.TargetedPush.RegistrationApiRegisterInstallation	yes	yes
Office.Docs.UnpackLink.UnpackResultProcessor		yes

Office.Excel.Coauth.CoauthEnabled		yes
Office.Excel.Coauth.Download		yes
Office.Excel.Coauth.Merge		yes
Office.Excel.Coauth.OcsTransitionPull		yes
Office.Excel.Coauth.ReloadOrFork		yes
Office.Experimentation.ConfigLoadComplete	yes	yes
Office.Experimentation.DeserializeEcsConfig	yes	yes
Office.Experimentation.EarlyLoadEcsConfig	yes	yes
Office.Experimentation.EcsFetch		yes
Office.Experimentation.EndPoint		yes
Office.Experimentation.FeatureQueryBatched		yes
Office.Experimentation.FlightNumberLine		yes
Office.Experimentation.LoadEcsConfig		yes
Office.Experimentation.ParseEcsConfig		yes
Office.Experimentation.ReadEcsConfig	yes	yes
Office.Experimentation.UpdateConfigCache		yes
Office.Experimentation.WriteEcsConfig		yes
Office.Feedback.Survey.FloodgateClient.CampaignScope	yes	
Office.FileIO.CSI.AccessModeManagerCamOnUpdateAccessMode	yes	yes
Office.FileIO.CSI.AccessModeManagerUpdateAccessMode	yes	yes
Office.FileIO.CSI.AddLastSavedTimeRequestPairToQueue	yes	yes
Office.FileIO.CSI.AsyncDocumentFactoryCreateNewDocumentAtConnectedService		yes
Office.FileIO.CSI.AsyncFileSyncOpSendCellStorageRequestAndWaitForResponseAutoCreate		yes
Office.FileIO.CSI.BackgroundUpload		yes
Office.FileIO.CSI.CAsyncFileSyncOpDoUploadStart	yes	yes
Office.FileIO.CSI.CCachedFileCsiCloseFile		yes
Office.FileIO.CSI.CCachedFileCsiLoadFile		yes
Office.FileIO.CSI.CCachedFileCsiOpenFile		yes
Office.FileIO.CSI.CCachedFileCsiSaveFile		yes
Office.FileIO.CSI.CCachedFileGetWorkingBranch		yes
Office.FileIO.CSI.CCachedFileRefreshFile		yes
Office.FileIO.CSI.CCachedFileRefreshFileResult	yes	yes
Office.FileIO.CSI.CCachedFileRequestReleaseServerFileLock	yes	yes
Office.FileIO.CSI.CCachedFileScheduleFileUploadRequest	yes	yes
Office.FileIO.CSI.CCachedFileSetDocumentModelIfAllowed	yes	yes
Office.FileIO.CSI.CCsiDavClientExecuteOPTIONSRequest	yes	yes
Office.FileIO.CSI.CEditorsTableManagerHrUpdateFromXML	yes	yes

Office.FileIO.CSI.CEditorsTableSnapshotHrGetEditors	yes	yes
Office.FileIO.CSI.CServerAccessRequestOnCellStorageFinishSyncDownloadInternal	yes	yes
Office.FileIO.CSI.CServerAccessRequestOnCellStorageFinishSyncUploadInternal	yes	yes
Office.FileIO.CSI.CTransactionOnFileBranchCommit	yes	yes
Office.FileIO.CSI.CacheFileRuntimeFReadyToSuspend		yes
Office.FileIO.CSI.CacheFileRuntimeFinishSave		yes
Office.FileIO.CSI.CacheFileRuntimeFinishUpdateAccessMode		yes
Office.FileIO.CSI.CacheFileRuntimeOnClose		yes
Office.FileIO.CSI.CacheFileRuntimeOnCreate		yes
Office.FileIO.CSI.CacheFileRuntimeOnLoad		yes
Office.FileIO.CSI.CacheFileRuntimeOnMove		yes
Office.FileIO.CSI.CacheFileRuntimeOnOpen		yes
Office.FileIO.CSI.CacheFileRuntimeOnRefresh		yes
Office.FileIO.CSI.CacheFileRuntimeOnSave		yes
Office.FileIO.CSI.CacheFileRuntimeOnSuspendingOnBackground		yes
Office.FileIO.CSI.CacheFileRuntimeOnUpdateAccessMode		yes
Office.FileIO.CSI.CacheStoreProviderHrInitUserInformation	yes	yes
Office.FileIO.CSI.CanProceedWithPrefetchBranchesnotEmpty	yes	
Office.FileIO.CSI.CancelAsyncRequest	yes	yes
Office.FileIO.CSI.CheckinCheckoutStatus	yes	yes
Office.FileIO.CSI.CollaborationDataSetCoauthorableAsync	yes	yes
Office.FileIO.CSI.CreateCacheFile		yes
Office.FileIO.CSI.CreateDocument		yes
Office.FileIO.CSI.DeleteBranchState	yes	yes
Office.FileIO.CSI.DocumentCloseInternal	yes	yes
Office.FileIO.CSI.DocumentCreateTransactedStreamDataIfResolvableError	yes	yes
Office.FileIO.CSI.DocumentLiteManagerGetOrCreateLocalDocumentIfApplicable		yes
Office.FileIO.CSI.DocumentModeManagerCamOnLoad	yes	yes
Office.FileIO.CSI.DocumentModeManagerCamOnOpen	yes	yes
Office.FileIO.CSI.DocumentModeManagerCamOnRefresh	yes	yes
Office.FileIO.CSI.DocumentOpenAsyncMakeFuture	yes	yes
Office.FileIO.CSI.DocumentOpenInternal	yes	yes
Office.FileIO.CSI.DocumentRefreshAsync	yes	yes
Office.FileIO.CSI.DocumentRenameSubmitWorkItem		yes
Office.FileIO.CSI.DocumentResumeAsync	yes	yes
Office.FileIO.CSI.DocumentShouldUseZeroRoundTrip	yes	yes
Office.FileIO.CSI.DocumentUpdateAccessModeAsync		yes

Office.FileIO.CSI.EDPCFileStoreFileGetCacheDataProtectionInfo	yes	yes
Office.FileIO.CSI.EDPEnterpriseProtectionActionsGetItemContextForWorkingCopyFile	yes	yes
Office.FileIO.CSI.EDPEnterpriseProtectionActionsManageCacheDataProtection	yes	yes
Office.FileIO.CSI.EDPEnterpriseProtectionActionsReconcileEDPAndThrowAndDeleteOnRevoke	yes	yes
Office.FileIO.CSI.EDPEnterpriseProtectionActionsReconcileEDPAndThrowOnRevoke	yes	yes
Office.FileIO.CSI.EDPEnterpriseProtectionActionsResetUIPolicy	yes	yes
Office.FileIO.CSI.EDPEnterpriseProtectionActionsSetUIPolicy	yes	yes
Office.FileIO.CSI.EDPEnterpriseProtectionActionsUpdateCachedEDPStateToDesired	yes	yes
Office.FileIO.CSI.EDPEnterpriseProtectionActionsValidateDesiredEDPStateWithWorkingCopyEDPState	yes	yes
Office.FileIO.CSI.EDPLiteFileUpdateEnterpriseProtectionPolicyAsync		yes
Office.FileIO.CSI.EDPLocalReadOnlyDocumentEnterpriseProtectionGetItemProtectionInfo		yes
Office.FileIO.CSI.EditorDiscoveryEvent		yes
Office.FileIO.CSI.EnterpriseProtectionActionsGetEdpStateFromUrl	yes	yes
Office.FileIO.CSI.FSavelfNecessary		yes
Office.FileIO.CSI.FileRequestFinished		yes
Office.FileIO.CSI.FileRequestFinishedEditorsTablePartition		yes
Office.FileIO.CSI.FileRuntimePropertiesMarkOpenForEdit	yes	yes
Office.FileIO.CSI.FileRuntimePropertiesUpdateEditorMetadata	yes	yes
Office.FileIO.CSI.GetCacheFile	yes	yes
Office.FileIO.CSI.GetDocumentFromUserStorageFileAsync		yes
Office.FileIO.CSI.GetQueryExpectedAccessResponse	yes	yes
Office.FileIO.CSI.GetTransactedStreamData	yes	yes
Office.FileIO.CSI.InitializeEditor	yes	yes
Office.FileIO.CSI.LocalDocumentCloseInternal		yes
Office.FileIO.CSI.LocalDocumentInit		yes
Office.FileIO.CSI.LocalDocumentOpenAsyncMakeFuture		yes
Office.FileIO.CSI.LocalTransactedStreamDataGetWorkingBranchStream		yes
Office.FileIO.CSI.MapPathsGetPrefetchStreamIfAvailable	yes	yes
Office.FileIO.CSI.NetworkConnectivityChanged	yes	yes
Office.FileIO.CSI.OnCoauthoringRequestComplete		yes
Office.FileIO.CSI.OnDocMetaInfoComplete		yes
Office.FileIO.CSI.OnEditorsTableRequestComplete		yes

Office.FileIO.CSI.OnExclusiveLockRequestComplete		yes
Office.FileIO.CSI.OnIsOnlyClientRequestComplete		yes
Office.FileIO.CSI.OnQueryExpectedAccessComplete		yes
Office.FileIO.CSI.OnRenameRequestComplete		yes
Office.FileIO.CSI.OnServerTimeComplete		yes
Office.FileIO.CSI.OnWhoAmIComplete		yes
Office.FileIO.CSI.OpenFilePerformance	yes	yes
Office.FileIO.CSI.OpenRequestManagerCamFactoryMakeCam	yes	yes
Office.FileIO.CSI.ReconcileEDPAndThrowAndDeleteOnRevokeVerifyIntuneEnrollment	yes	yes
Office.FileIO.CSI.ReconcilerCamFactoryMakeCam	yes	yes
Office.FileIO.CSI.RemoveRtcRequestsAndDisconnect	yes	yes
Office.FileIO.CSI.RepeatableCoauthRequestsManagerDoTransition		yes
Office.FileIO.CSI.RequestCompletionHandlerOnComplete		yes
Office.FileIO.CSI.SaveRequestManagerCamFactoryMakeCam		yes
Office.FileIO.CSI.ScheduledEditorsPropertyUpdate		yes
Office.FileIO.CSI.SetClpCapabilityState		yes
Office.FileIO.CSI.StartOfficeFileCache2	yes	yes
Office.FileIO.CSI.Storage.CacheMaintenance		yes
Office.FileIO.CSI.Storage.CacheOpticsV2		yes
Office.FileIO.CSI.Storage.FileStore.GarbageCollection		yes
Office.FileIO.CSI.StreamOnFileBranchBaseVerifyBeforeCommit	yes	yes
Office.FileIO.CSI.SupportsRemoteRename	yes	yes
Office.FileIO.CSI.TransactedStreamDataGetStreamUpdateTransaction		yes
Office.FileIO.CSI.TransactedStreamDataUpdateTransactionCommit		yes
Office.FileIO.CSI.TransactedStreamDataUpdateTransactionCreateNewStream		yes
Office.FileIO.CSI.TransitionToCoauth		yes
Office.FileIO.CSI.UnitOfChangeHashComputation	yes	yes
Office.FileIO.CSI.UpdateLastSavedTimeBasedOnRevision	yes	yes
Office.FileIO.CSI.UploadRequestCompletionHandlerDoRemainingOnCompleteWorkAutoCreate		yes
Office.FileIO.CSI.WaitForAsyncResultToComplete	yes	yes
Office.FileIO.CSI.WaitForRequestResult	yes	yes
Office.FileIO.CSI.WorkingCopyCamFactoryMakeCam		yes
Office.FileIO.CacheServerInfo		yes
Office.FileIO.MSO.ErrorWithoutFIOActivity		yes
Office.FileIO.MSO.LegacyEnsureAuthentication		yes
Office.FileIO.MSO.PopulateStoreFromFile		yes
Office.FileIO.Mocsi.Close		yes

Office.FileIO.Mocsi.CollabTransition		yes
Office.FileIO.Mocsi.DocumentStorageModeController CheckMode	yes	yes
Office.FileIO.Mocsi.Resume	yes	
Office.FileIO.Mocsi.Suspend	yes	
Office.FileIO.RTC.RealtimeChannelConnectionOpenCo nnectionInternal		yes
Office.FileIO.RTC.RealtimeChannelSetup		yes
Office.FileIO.ResourceInfoSendOptionsRequest	yes	yes
Office.FileIO.ServerInfoParseHeaders		yes
Office.FileIO.SyncProgressUI.Dismiss		yes
Office.FileIO.SyncProgressUI.Show	yes	yes
Office.FileIO.UnpackLink.UnpackLinkAsync		yes
Office.FileIO.UnpackLink.UnpackLinkWithHintAsync		yes
Office.Floodgate.Client.CampaignExperimentLoad		yes
Office.Floodgate.Client.UserFactsProvider.LoadUserFa cts	yes	yes
Office.Floodgate.Client.UserFactsProvider.WaitForOpti onalSharedFuture	yes	yes
Office.Floodgate.ClientCore.BondiDeserialization.From CampaignPayloadBinary	yes	yes
Office.Floodgate.ClientCore.BondiDeserialization.From SurveyPayloadBinary	yes	yes
Office.Globalization.GetFilePath	yes	yes
Office.Globalization.PluggableUILanguageList	yes	
Office.Globalization.UIResourceServiceBoot	yes	yes
Office.Graphics.ARCExceptionScope	yes	yes
Office.Graphics.CreateDevice	yes	yes
Office.Graphics.DefBlobManagerUserOnLoadBinaryDa ta	yes	yes
Office.Graphics.Drag.Android		yes
Office.Graphics.Drop.Android		yes
Office.Graphics.FillCommand	yes	
Office.Graphics.GVisCommandSelectionPassthrough	yes	
Office.Graphics.GVisInkLoad	yes	
Office.Graphics.GVizInkStroke	yes	yes
Office.Graphics.GvizInsertPictureTelemetry	yes	yes
Office.Graphics.GvizPictureLoadTelemetry	yes	yes
Office.Graphics.InkEffectsLoad	yes	
Office.Graphics.InsertPictureActivity	yes	yes
Office.Graphics.InsertPictureCommandActivity	yes	yes
Office.Graphics.OfficeLensCaptureIntentResult	yes	yes
Office.Graphics.OfficeLensCaptureResult	yes	yes
Office.Graphics.OfficeLensLaunch	yes	yes
Office.Graphics.OnStrokesCollected	yes	yes
Office.Graphics.ProcessResourceResponse		yes

Office.Graphics.SVGLoad	yes	yes
Office.Graphics.SpriteMem	yes	yes
Office.Identity.AcquireServiceTicketForADAL	yes	yes
Office.Identity.DoBackgroundTasks	yes	yes
Office.Identity.EnsureAuthWithWinHttp	yes	yes
Office.Identity.EnsureProfileForPrimaryIdentityEvent	yes	yes
Office.Identity.GetAuthenticatedServiceTicketResultsCount	yes	yes
Office.Identity.GetBlockingService	yes	yes
Office.Identity.GetPersonProfileSetup	yes	yes
Office.Identity.GetServiceUrlForFederationProviderAnalysis	yes	yes
Office.Identity.IdentityWarningsAggregation	yes	yes
Office.Identity.ODCServicesCatalog		yes
Office.Identity.OSMHandleServicesCatalog	yes	yes
Office.Identity.OSMRefreshConnectedServices	yes	yes
Office.Identity.RefreshIdentities	yes	yes
Office.Identity.ServiceUrlStatus	yes	yes
Office.Identity.SharedCredDataLoadAllCreds	yes	yes
Office.IntelligentServices.PrivacyConsent.PrivacyCompletionCallbackInvoked	yes	yes
Office.IntelligentServices.PrivacyConsent.PrivacyEvent		yes
Office.Licensing.FullValidation		yes
Office.Licensing.OfficeClientLicensing.DoLicenseValidation		yes
Office.Licensing.Tenant.SetTenantId	yes	yes
Office.MATS.ActionOfficeAndroid		yes
Office.Manageability.Client.FetchAndApplyPolicy	yes	yes
Office.NaturalLanguage.Critiques.SpellerChosenAction	yes	yes
Office.NaturalLanguage.Critiques.Views.Pane.SetCritique	yes	yes
Office.NaturalLanguage.EditorServiceClient.EditorServiceClientLocalRoundtripTime		yes
Office.NaturalLanguage.Proofing.Behaviors.Speller.Change	yes	yes
Office.NaturalLanguage.Proofing.Behaviors.Speller.ShowCorrectionUI		yes
Office.NaturalLanguage.Proofing.ProofingPLSIRuleActiveEditingLanguagev2	yes	yes
Office.NaturalLanguage.Proofing.ProofingSCRuleSpellingControlStateAtStart	yes	yes
Office.NaturalLanguage.Proofing.ResourceEnumerator.Deserialize	yes	yes
Office.Personalization.FileInsightCacheManager.PurgeExpiredCache	yes	yes
Office.Personalization.InsightsController.GetInsights	yes	yes
Office.Personalization.ProgramOptIn.IsOptedInToProgram	yes	yes

Office.Personalization.Providers.UserFactsInsightsProvider.GetInsights	yes	yes	
Office.Personalization.Providers.UserFactsInsightsProvider.GetUserFactsInsightResultCombined	yes	yes	
Office.Personalization.UserFacts.ConvertInsightResultToUserFactsResult	yes	yes	
Office.Personalization.UserFacts.GetUserFactsInternal	yes	yes	
Office.Personalization.UserFacts.GetUserFactsResultFromCombinedInsight	yes	yes	
Office.PowerPoint.Comments.ModernCommentsTelemetry		yes	
Office.Release.AudienceApi.InitAudienceData	yes	yes	
Office.SDX.Runtime.ReactNativeHost.OfficeReactNativeManagerInit	yes	yes	
Office.SDX.Runtime.ReactNativeHost.RegisterSDX	yes	yes	
Office.Security.Clp.AddLabelObserver	yes	yes	
Office.Security.Clp.BootstrapAdapter	yes	yes	
Office.Security.Clp.BuildLabelCache	yes	yes	
Office.Security.Clp.ClpPolicyFetch	yes	yes	
Office.Security.Clp.ClpPolicyFetchCallBackFailure		yes	
Office.Security.Clp.ClpPolicyFetchCallBackSuccess	yes	yes	
Office.Security.Clp.FetchClpPolicyURL	yes	yes	
Office.Security.Clp.FetchLabelsFromServer	yes	yes	
Office.Security.Clp.GetTenantPolicyFromLocalStorage	yes	yes	
Office.Security.Clp.ProcessAuditInfo	yes	yes	
Office.Security.Clp.ProcessAuditOnOpen	yes	yes	
Office.Security.Clp.ProcessAuditOnSave	yes	yes	
Office.Security.Clp.ProcessAuditOpenHelper	yes	yes	
Office.System.Mbu.Apple.DeviceAccessibilitySettings		yes	
Office.System.SystemHealthAsserts	yes	yes	https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data#officesystemsystemhealthasserts
Office.System.SystemHealthCoreMetadata		yes	
Office.System.SystemHealthDesktopSessionLifecycleAndHeartbeat		yes	
Office.System.SystemHealthEssentialMetadataAllIdentities		yes	
Office.System.SystemHealthEssentialMetadataAllIdentities.AppleV3		yes	
Office.System.SystemHealthMetadataApplicationProcessLanguage		yes	
Office.System.SystemHealthMetadataDevice		yes	
Office.System.SystemHealthMetadataDeviceESM.Android		yes	
Office.System.SystemHealthMetadataDeviceESM.Apple		yes	
Office.System.SystemHealthMetadataOperatingSystem		yes	

Office.System.SystemHealthMetadataOperatingSystemDevice		yes	
Office.System.SystemHealthMetadataScreenCultureUserSqlId		yes	
Office.System.SystemHealthRollbackSessionMetadata		yes	
Office.System.SystemHealthSessionLifecycleAndHeartbeat		yes	
Office.System.SystemHealthSessionStartTime		yes	
Office.System.SystemHealthUsage.ClickStream	yes	yes	
Office.System.SystemHealthUsage.nonTCIDClickStream	yes	yes	
Office.Telemetry.DiagnosticDataViewerStateChanged		yes	
Office.Telemetry.DownloadNexusRules	yes	yes	
Office.Telemetry.DynamicConfig.FetchConfigs		yes	
Office.Telemetry.DynamicConfig.ParseJsonConfig		yes	
Office.Telemetry.EventQuarantined		yes	
Office.Telemetry.FlushEventBuffer		yes	
Office.Telemetry.LoadXmlRules		yes	
Office.Telemetry.ProcessIdleQueueJob		yes	
Office.Telemetry.RuleErrorsAggregated		yes	
Office.Telemetry.SamplingPolicy		yes	
Office.Telemetry.SamplingPolicyEventTrigger		yes	
Office.Text.DWriteAssistant.CreateFontCollection	yes	yes	
Office.Text.DWriteAssistant.FontCollectionInit	yes	yes	
Office.Text.DWriteAssistant.GetVersioningDirectory	yes	yes	
Office.Text.DWriteAssistant.LoadApplicationFonts	yes	yes	
Office.Text.DWriteAssistant.LoadCloudFontsListBuildMap	yes	yes	
Office.Text.DWriteAssistant.LoadSystemFonts	yes	yes	
Office.Text.DWriteAssistant.WaitForApplication	yes	yes	
Office.Text.FontSubstitution.CreateFontSubstitutionManager	yes	yes	
Office.Text.ResourceClient.Deserialize		yes	
Office.Text.ResourceClient.GetBaseUrl		yes	
Office.Text.ResourceClient.ProcessResourceResponse		yes	
Office.Text.ResourceClient.ReadFontElements	yes	yes	
Office.Text.ResourceClient.RequestResourceInternal		yes	https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data#officetextresourceclientrequestresourceinternal
Office.Text.ResourceClient.UpdateResourceTask		yes	
Office.UX.GalleryUsage.ClickStream		yes	
Office.UX.RibbonExecuteActionControlTime	yes	yes	
Office.UX.TeachingCalloutTimeOnScreen		yes	
Office.Word.Accessibility.LearningTools.ReadAloud.InitReadAloud		yes	

Office.Word.Accessibility.LearningTools.ReadAloud.PlayReadAloud		yes	https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data#officewordaccessibilitylearningtoolsreadaloudplayreadaloud
Office.Word.Accessibility.LearningTools.ReadAloud.ReadAloudNeuralPlayDuration		yes	
Office.Word.Accessibility.LearningTools.ReadAloud.ReadAloudResponse		yes	
Office.Word.Accessibility.LearningTools.ReadAloud.SendTextToSpeechQueue		yes	
Office.Word.Accessibility.LearningTools.ReadAloud.StopReadAloud		yes	https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data#officewordaccessibilitylearningtoolsreadaloudstopreadaloud
Office.Word.Arrangement.AlignPgdToValidPgdBoundsLegacy		yes	
Office.Word.AutoSave.DocUpdateEnablerStatus		yes	
Office.Word.Boot.BootSummarySTE	yes	yes	
Office.Word.Boot.TimingData	yes	yes	
Office.Word.CoAuthoring.DynamicSaveTimeToAlwaysSave	yes	yes	
Office.Word.CoAuthoring.FileUploadStatusUpdated	yes	yes	
Office.Word.CoAuthoring.IsSubscribedForAutoSave	yes	yes	
Office.Word.Commanding.Bold	yes		
Office.Word.Commanding.CheckDocument	yes		
Office.Word.Commanding.EnterMobileConsumptionView	yes		
Office.Word.Commanding.ExitMobileConsumptionView	yes		
Office.Word.Commanding.TableInsertRowAbove	yes	yes	
Office.Word.Commanding.TellMeImmersive	yes		
Office.Word.Commanding.TextFillEffect	yes		
Office.Word.Commanding.UpdateMappedRange	yes	yes	
Office.Word.Display.DragAndDrop.Drag	yes	yes	
Office.Word.Display.DragAndDrop.Drop		yes	
Office.Word.Display.DrawE2o	yes	yes	
Office.Word.Display.ElaboratePrE2oViewTreatment	yes	yes	
Office.Word.Display.InkOrFloatingE2oBusBarEvent	yes	yes	
Office.Word.Display.ParelsTriggerSignal	yes	yes	
Office.Word.EDP.IdentityFromPath	yes	yes	
Office.Word.Experimentation.DocumentStatsOnCloseAndSuspend	yes	yes	
Office.Word.FileOpen.DataTransmissionDisabled	yes	yes	
Office.Word.FileOpen.FirstMergeContent	yes	yes	
Office.Word.FileOpen.WKForCreateMainView	yes	yes	
Office.Word.FileSave.ActSaveCoroutine	yes	yes	
Office.Word.FileSave.ActStartBackSave	yes	yes	

Office.Word.FileSave.CmdSaveFileCore2	yes	yes	
Office.Word.FileSave.EidSaveFile	yes	yes	
Office.Word.Forms.DocHasFormsField	yes	yes	
Office.Word.ManifestBasedWarnings		yes	
Office.Word.MobileConsumptionView.EnterMobileConsumptionView	yes	yes	
Office.Word.MobileConsumptionView.ExitMobileConsumptionView	yes	yes	
Office.Word.ModernInput.FabButtonHidden	yes	yes	
Office.Word.ModernInput.FabButtonShown	yes	yes	
Office.Word.Proofing.GrammarCheckerCall	yes	yes	
Office.Word.Proofing.noProofRunDiffersFromParagraph	yes	yes	
Office.Word.Proofing.Pane.PaneLaunchRequested	yes	yes	
Office.Word.Proofing.SelectionOnlyProofingEligible		yes	
Office.Word.Proofing.SuggestionAction	yes	yes	
Office.Word.ResumeReading.UpdateWywa	yes	yes	
Office.Word.Save.CmdSaveFileCore	yes	yes	
Office.Word.Save.CmdSaveFileEdpi	yes	yes	
Office.Word.Save.EidLaunchBkgndSaveStatic	yes	yes	
Office.Word.Save.FWriteFnDsrs	yes	yes	
Office.Word.Save.FWriteMetro	yes	yes	
Office.Word.Save.HrCommitCStreamSaveTransaction	yes	yes	
Office.Word.Save.HrInterruptSaveUntilFutureIsDone	yes	yes	
Office.Word.Save.PrSistrBaseCommitTransaction	yes	yes	
Office.Word.Save.ReportSaveUnresponsivenessBucketedData	yes	yes	
Office.Word.Save.RtcEditorsCount	yes	yes	
Office.Word.UIM.FHandleUIMFocusChangeSimple	yes	yes	
Office.Word.UIM.FUIMBeginUndoAfterFBeginUndo	yes	yes	
Office.Word.UIM.FUIMBeginUndoBeforeFBeginUndo	yes	yes	
Office.Word.UIM.UIMEndUndo	yes	yes	
Office.Word.Word.CoreSaveTime100ns	yes	yes	
Office.Word.Word.DocumentDirtyFlagChanged	yes	yes	https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data#officewordworddocumentdirtyflagchanged
Office.Word.Word.IMETyping.CommitTimeBuckets	yes		
Office.Word.Word.IMETyping.ComposeTimeBuckets	yes		
Office.Word.Word.OpenTime100nsTruncatedExtensions	yes	yes	
Office.Word.Word.PctZoomLevelApplied	yes	yes	
Office.Word.Word.Typing.TimeBuckets.Android.HardwareKeyboard	yes		
Office.Word.Word.UIMGetEditableSyncCall	yes	yes	
Office.Word.Word.UnresponsivenessBucketedData	yes		

Office.Word.Word.WebScalingViewAutoSwitchApplied	yes	
Office.Word.Word.WwdViewTypeChangeApplied	yes	yes
Office_Feedback_SDK		yes
act_stats		yes
awt_stats		yes
chunk_load		yes
click		yes
client_event		yes
clientstartupsuccess		yes
edf_trouter_client_connected		yes
edf_trouter_client_disconnected		yes
edf_trouter_client_event		yes
edf_trouter_client_host_and_listener_events		yes
ev_customerpromise		yes
ev_engagement		yes
ev_experiment		yes
ev_experimentflight		yes
ev_nav		yes
ev_page		yes
ev_pageinit		yes
ev_qos		yes
ev_rumonedataupload		yes
ev_trace		yes
events		yes
evt_stats	yes	
expmobile	yes	
generic_click		yes
generic_event		yes
generic_impression		yes
generic_qos		yes
generic_request		yes
http	yes	yes
impression		yes
initializelivepersonacard_success		yes
livepersonacard_configurationsetaction		yes
livepersonacard_events		yes
livepersonacard_qos		yes
mdsc_conference		yes
mdsc_datachannel		yes
mdsc_logging		yes
mdsc_mediaagentmanager		yes
mdsc_mediadiagnostic		yes

mdsc_negotiation		yes	
mdsc_qoe		yes	
mdsc_rmconnectionevent		yes	
monitoring		yes	
networkrequests		yes	
notification	yes		
office_feedback_sdk		yes	
pdf_viewer_android_save_time	yes		
pdf_viewer_android_session_time	yes		
pdf_viewer_android_telemetry	yes		
performance		yes	
performance_dump		yes	
pm_handle_notification		yes	
prefetch_request		yes	
qosmobile	yes		
scenario	yes	yes	
scenarios		yes	
searchbox_performance		yes	
serverrequest		yes	
session		yes	https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data#session-2
skypecosi_concore_native_callsignalingagent_callmodality		yes	
skypecosi_concore_native_callsignalingagent_contentsharing		yes	
skypecosi_concore_native_callsignalingagent_conversation		yes	
skypecosi_concore_native_callsignalingagent_httprequest		yes	
skypecosi_concore_native_callsignalingagent_httprequest_2		yes	
skypecosi_concore_native_callsignalingagent_mediarenegotiation		yes	
skypecosi_concore_native_callsignalingagent_video		yes	
trace	yes	yes	
trap_token_manager		yes	
usagemobile	yes		
userBi	yes		
userbi		yes	