



DPIA Office 365 ProPlus v. 1905 (June 2019)

Data protection impact assessment on the processing of diagnostic data

APPENDIX 1 – OFFICE TELEMETRY EVENTS OBSERVED AT LEVELS REQUIRED AND NEITHER

Date	22 July 2019
Status	Public

OVERVIEW CAPTURED TELEMETRY EVENTS

The captured telemetry events are divided in four categories:

1. Telemetry events about essential services for which there is no opt-out
2. Telemetry events about required diagnostic data
3. Telemetry events that are likely to belong to a Connected Experience
4. Telemetry events for which no public documentation could be found.

Out of the 226 different telemetry events, no public documentation could be found for half of the events (113).¹

Some events are highlighted in the tables. The full contents of these highlighted events are shown below the four tables. In these events, different fields are highlighted to illustrate Microsofts ability to connect events over time to a specific user and specific device.

1. CAPTURED EVENTS ESSENTIAL SERVICES (NO OPT-OUT)

No.	Eventname	Re qui red	Nei ther
1.	Office.Experimentation.FeatureQueryBatched	465	774
2.	Office.Experimentation.FlightNumberLine	48	180
3.	Office.Identity.SspiPromptWin32	2	8
4.	Office.Identity.Win32Prompt	8	4
5.	Office.Licensing.FullValidation	44	102
6.	Office.Licensing.OfficeClientLicensing.DoLicenseValidation	124	228
7.	Office.System.IdentityChanged	3	0
8.	Office.System.SystemHealthAsserts	19	0
9.	Office.System.SystemHealthDesktopSessionLifecycleAndHeartbeat	82	236
10.	Office.System.SystemHealthErrorsWithTag	39	0
11.	Office.System.SystemHealthEssentialMetadataAllIdentities	34	162
12.	Office.System.SystemHealthMetadataApplicationAdditional	50	183
13.	Office.System.SystemHealthMetadataApplicationAndLanguage	50	182
14.	Office.System.SystemHealthMetadataDelayedLogin	1	0
15.	Office.System.SystemHealthMetadataDeviceConsolidated	50	183

¹ Compared against public Microsoft documentation for Essential Services, URL: <https://docs.microsoft.com/en-us/deployoffice/privacy/essential-services#list-of-essential-services-for-office>, Required diagnostic data, URL: <https://docs.microsoft.com/en-us/deployoffice/privacy/required-diagnostic-data>, Optional diagnostic data, URL: <https://docs.microsoft.com/en-us/deployoffice/privacy/optional-diagnostic-data> and general information about Connected Experiences (no telemetry events), URL: <https://docs.microsoft.com/en-us/deployoffice/privacy/connected-experiences>

16.	Office.System.SystemHealthMetadataOS	50	183
17.	Office.System.SystemHealthRollbackSessionMetadata	82	238
18.	Office.System.SystemHealthSessionStartTime	48	16
19.	Office.System.SystemHealthUngracefulAppExitDesktop	3	0
20.	Office.System.SystemHealthUngracefulApplicationExitWin32	1	0
21.	Office.Telemetry.AriaEventSink.HandleMsaDeviceTokenResponse	45	116
22.	Office.Telemetry.AriaEventSink.RequestMsaDeviceToken	45	116
23.	Office.Telemetry.DiagnosticDataViewerStateChanged	4	28
24.	Office.Telemetry.DynamicConfig.FetchConfigs	84	102
25.	Office.Telemetry.DynamicConfig.ParseJsonConfig	32	44
26.	Office.Telemetry.DynamicConfig.PopulateTreeCalledAgain	84	102
27.	Office.Telemetry.EventQuarantined	45	42
28.	Office.Telemetry.FlushEventBuffer	85	116
29.	Office.Telemetry.GetFilteredPayloadsFromDisk	4	0
30.	Office.Telemetry.LoadXmlRules	86	120
31.	Office.Telemetry.ProcessIdleQueueJob	86	12
32.	Office.Telemetry.RuleErrorsAggregated	69	52
33.	Office.Telemetry.RulesEngineSpikeThrottled	1	0
34.	Office.Telemetry.SamplingPolicy	62	30
35.	Office.Telemetry.SamplingPolicyEventTrigger	31	15
36.	Office.Telemetry.WritePayloadsToDisk	1	0

2.

CAPTURED EVENTS REQUIRED DIAGNOSTIC DATA

No.	Eventname	Re qui red	Nei ther
1.	Office.AirSpace.AirSpaceWinComplsEnabled	29	0
2.	Office.Extensibility.Catalog.ExchangeGetEntitlements	13	0
3.	Office.Extensibility.Catalog.ExchangeGetLastUpdate	16	0
4.	Office.Extensibility.Catalog.ExchangeGetManifests	26	0
5.	Office.FileIO.CSI.CcachedFileCsiLoadFile	0	10
6.	Office.FileIO.CSI.CCachedFileCsiSaveFile	2	18
7.	Office.IntelligentServices.PrivacyConsent.PrivacyEvent	43	0
8.	Office.Manageability.Client.FetchAndApplyPolicy	38	0
9.	Office.Manageability.Client.FetchPolicyPreChecks	41	0
10.	Office.Outlook.Desktop.AccountConfiguration.CreateAccountResult	1	0
11.	Office.Outlook.Desktop.AddIns.AddInLoaded	25	0
12.	Office.Outlook.Desktop.BootPerfMetrics	6	0
13.	Office.Outlook.Desktop.ExchangePuidAndTenantCorrelation	0	92
14.	Office.Outlook.Desktop.HangBucketMetrics	1	0
15.	Office.Outlook.Desktop.HangReportingScopePerfMetrics	10	0
16.	Office.Outlook.Desktop.Providers.LoadProviderLibrary	13	0
17.	Office.Outlook.Desktop.Stores.CreateNewStore	1	0
18.	Office.Performance.Boot	42	0
19.	Office.PowerPoint.DocOperation.Close	8	0
20.	Office.PowerPoint.DocOperation.NewDocument	5	0
21.	Office.PowerPoint.DocOperation.Open	3	0
22.	Office.PowerPoint.DocOperation.SaveAs	9	0
23.	Office.PowerPoint.PPT.Desktop.Bootime	6	0
24.	Office.PowerPoint.PPT.HasUserEditedDocument	5	0
25.	Office.PowerPoint.Session	7	0

26.	Office.PowerPoint.UAE.Shutdown	1	0
27.	Office.Text.FontPickerFontSelected.Win32	3	0
28.	Office.Text.ResourceClient.RequestResourceInternal	5	0
29.	Office.Word.Experimentation.DocumentStatsOnCloseAndSuspend	16	0
30.	Office.Word.FileNew.CreateNewFile	11	0
31.	Office.Word.FileOpen.OpenLoadFile	6	0
32.	Office.Word.FileSave.ActCmdGosubSaveAs	2	0
33.	Office.Word.FileSave.SaveAsSaveFile	13	0
34.	Office.Word.Word.DocumentDirtyFlagChanged	12	0

3.

CAPTURED EVENTS LIKELY TO BE PART OF CONNECTED EXPERIENCES

No	Eventname	Re qui red	Nei the r
1.	Office.Canvas.GraphImport.EntryPointAppear	20	40
2.	Office.Canvas.GraphImport.GetPasteInfoMap	1	2
3.	Office.Canvas.GraphImport.GoLocalRequest	2	0
4.	Office.Canvas.GraphImport.HtmlPrefetchRequest	1	3
5.	Office.Canvas.GraphImport.QFWarmUpRequest	2	8
6.	Office.Canvas.GraphImport.ZeroTermPreCacheRequest	1	3
7.	Office.Excel.Coauth.CoauthAutoSaveInSync	2	12
8.	Office.Excel.Coauth.CoauthEnabled	0	12
9.	Office.Excel.Coauth.DisableOcs	0	12
10.	Office.Excel.Coauth.EditorPresenceReceived	0	8
11.	Office.Excel.Coauth.HrPopulateEditorInfoList	0	20
12.	Office.Excel.Coauth.RtcIncomingSelectionProcessing	0	8
13.	Office.Excel.Coauth.RtcOutgoingSelectionProcessing	0	8
14.	Office.Excel.Coauth.RtcSelectionGeneration	0	8
15.	Office.Excel.Coauth.RtcSelectionGenerationSkipReason	0	8
16.	Office.Excel.Coauth.RtcStartupStats	0	8
17.	Office.Excel.Coauth.UpdateLastAcceptedFromPersistedState	0	4
18.	Office.Graphics.AutoAltText.QueryAutoCaptionResultsTask	4	2
19.	Office.NaturalLanguage.Critiques.CloudSuggest	1	0
20.	Office.NaturalLanguage.Critiques.CloudSuggestChosenAction	1	0
21.	Office.NaturalLanguage.Proofing.Engines.NLServiceClient.Spell er.ServiceRequest	14	0
22.	Office.PowerPoint.Designer.FetchSuggestions	12	6
23.	Office.PowerPoint.Designer.SuggestionSlideProtocol	8	4
24.	Office.Security.UrlReputation.GetUrlReputation	0	2
25.	Office.Security.UrlReputation.PolicyRequestWithoutTimeout	1	0
26.	Office.TellMe.ClickedResult	0	2
27.	Office.TellMe.DesktopUI.Executed	0	2
28.	Office.TellMe.DesktopUI.HandleResultsUpdated	0	5
29.	Office.TellMe.DesktopUI.HandleResultsUpdatedUx	0	5
30.	Office.TellMe.DesktopUI.InitProvider	41	90
31.	Office.TellMe.DesktopUI.IssueQuery	0	5
32.	Office.TellMe.DesktopUI.Results	0	5
33.	Office.TellMe.DesktopUI.Session	0	5
34.	Office.TellMe.SessionInfo	0	5
35.	Office.TellMe.ShownResults	0	5
36.	Office.TellMe.TellMeD.ExecutedCommand	0	2
37.	Office.TellMe.TellMeD.RenderedResults	0	44
38.	Office.TellMe.TellMeD.SessionInfo	0	4

39.	Office.TellMe.TellMeD.StartSession	0	4
40.	Office.TellMe.TellMeD.SubstateServiceResponse	33	218
41.	Office.TellMe.TellMeD.TimingMetrics	0	4
42.	Office.Translator.TextTranslated	4	0
43.	Office.Word.Word.NumberOfCoauthorsinSession	0	4

4.

CAPTURED EVENTS WITHOUT ANY DOCUMENTATION

No	Eventname	Re qui red	Nei the r
1.	Office.Docs.CreateLocations.CreateLocationsGetConnectedServices	9	0
2.	Office.Docs.DesktopBackstage.NavigationReadDocLibFolderByVroom	0	2
3.	Office.Docs.DesktopBackstage.NavigationReadSiteRootByVroom	0	1
4.	Office.Docs.DesktopBackstageNavigation.TaskInvokeOnReadFolder	64	112
5.	Office.Docs.DocumentActivities.ActivityLogAcquireCapabilityAsync	2	24
6.	Office.Docs.DocumentActivities.ServiceGetCapabilitiesAsync	4	42
7.	Office.Docs.DocumentMru.AggregatedMru.SendServiceRequest	95	470
8.	Office.Docs.HistoryUX.UnseenActivity.GetActivityData	2	4
9.	Office.Docs.MruServiceApi.Documents.OnRequestSucceeded	23	97
10.	Office.Docs.MruServiceApi.Documents.SendPendingWriteRequest	2	15
11.	Office.Docs.MruServiceApi.Places.OnRequestSucceeded	13	53
12.	Office.Docs.MruServiceApi.Places.SendPendingWriteRequest	2	15
13.	Office.Docs.MruServiceApi.ReadDocumentCallBacks	56	244
14.	Office.Docs.MruServiceApi.ReadPlaceCallBacks	57	109
15.	Office.Docs.MruServiceApi.SharedWithMeDocuments.SendReadRequest	18	75
16.	Office.Docs.OfficeStart.DocumentTemplateDownload.DownloadFile	4	75
17.	Office.Docs.SharingVroomClient.SendRequest	9	45
18.	Office.Docs.SitesServiceApi.RequestAsync	31	140
19.	Office.Excel.LinkedEntities.ProcessCatalogResponse	3	34
20.	Office.Excel.LinkedEntities.UpdateCatalogCacheEx	3	34
21.	Office.Excel.LinkedEntities.UpdateCatalogTask	3	34
22.	Office.Experimentation.FeatureConfigRegistrationRule	2	0
23.	Office.Extensibility.Catalog.OmexGetEntitlements	0	2
24.	Office.Extensibility.Catalog.TryDiscoverEwsUrls	52	305
25.	Office.FileIO.CollaborationPropertyStore.EnsurePropertyStoreToGet	0	4
26.	Office.FileIO.CSI.BatchSchedulerStoreShutdown	4	12
27.	Office.FileIO.CSI.CCACHEDFileCsiCloseFile	2	16
28.	Office.FileIO.CSI.CCACHEDFileCsiOpenFile	2	28
29.	Office.FileIO.CSI.CCACHEDFileGetWorkingBranch	4	24
30.	Office.FileIO.CSI.CCsiDavClientGetServerInfo	8	80
31.	Office.FileIO.CSI.EditorsTableNewDataDownload	2	15
32.	Office.FileIO.CSI.FCopyTempFileToWorkingDocumentContent	2	10
33.	Office.FileIO.CSI.FileBranchMergeFileRevisionInto	0	4
34.	Office.FileIO.CSI.FileRequestFinished	2	28
35.	Office.FileIO.CSI.FileServerInfoGetServerInfoFromServer	2	22
36.	Office.FileIO.CSI.FMapPaths	16	101

37.	Office.FileIO.CSI.OnAllocateGuidComplete	2	15
38.	Office.FileIO.CSI.OnCoauthoringRequestComplete	2	24
39.	Office.FileIO.CSI.OnExclusiveLockRequestComplete	4	36
40.	Office.FileIO.CSI.OnGetVersionsComplete	2	15
41.	Office.FileIO.CSI.OnIsOnlyClientRequestComplete	0	3
42.	Office.FileIO.CSI.OnServerTimeComplete	2	15
43.	Office.FileIO.CSI.OnWhoAmIComplete	2	15
44.	Office.FileIO.CSI.RequestCompletionHandlerOnComplete	4	30
45.	Office.FileIO.CSI.SendHttpRequestToServerAndGetHeaders	2	15
46.	Office.FileIO.CSI.ServerAccessManagerRefreshesServerInfo	2	22
47.	Office.FileIO.CSI.Storage.CacheMaintenance	0	2
48.	Office.FileIO.CSI.Storage.CacheOpticsV2	0	2
49.	Office.FileIO.CSI.Storage.FileStore.GarbageCollection	0	2
50.	Office.FileIO.CSI.Storage.GuidRangeAbandonment	2	34
51.	Office.FileIO.CSI.TransactedStreamDataGetStreamUpdateTransaction	0	6
52.	Office.FileIO.CSI.TransactedStreamDataUpdateTransactionCommit	0	6
53.	Office.FileIO.CSI.TransactedStreamDataUpdateTransactionCreateNewStream	0	6
54.	Office.FileIO.CSI.TransitionToCoauth	0	1
55.	Office.FileIO.DocumentShareUrl.DidNotBounceToWebAfterUnpack	3	9
56.	Office.FileIO.DocumentShareUrl.OnUnpackUriCompleted	3	9
57.	Office.FileIO.DocumentShareUrl.UnpackShareUriAndHandleResult	3	9
58.	Office.FileIO.Mocsi.Close	2	18
59.	Office.FileIO.MSO.CacheServerInfo	15	154
60.	Office.FileIO.MSO.CMsoOLDocFileCBackgroundPullNetDocCycleRun	0	6
61.	Office.FileIO.MSO.CMsoOLDocFileCBackgroundPullNetDocTaskExecuteOnMainThread	0	6
62.	Office.FileIO.MSO.CMsoOLDocFileCBackgroundPullNetDocTaskPullDocument	0	6
63.	Office.FileIO.MSO.CMsoOLDocFileDownloadFileUsingCsi	0	10
64.	Office.FileIO.MSO.CMsoOLDocFileFCsiPutFile	2	10
65.	Office.FileIO.MSO.CMsoOLDocFileFInitCsiFileIO	2	36
66.	Office.FileIO.MSO.CMsoOLDocFileHrDownloadTemp	2	36
67.	Office.FileIO.MSO.CMsoOLDocFileSave	17	15
68.	Office.FileIO.MSO.CMsoServerInfoGetServerInfo2	41	239
69.	Office.FileIO.MSO.CTaskManagerHrShowTaskPoolModalDialogForContactingTheServer	0	7
70.	Office.FileIO.MSO.FCsiGetFile	0	10
71.	Office.FileIO.MSO.FServerCached	41	238
72.	Office.FileIO.MSO.IsServerInfoCached	57	342
73.	Office.FileIO.MSO.LoadCsiDIIForClick2RunEnvironment	29	228
74.	Office.FileIO.MSO.LocationPickerDialogGetSaveAsLocation	1	0
75.	Office.FileIO.MSO.ServerInfoParseHeaders	13	115
76.	Office.FileIO.MSO.SetNeedsRefreshOnServerInfo	16	106
77.	Office.FileIO.OpenInNativeClient.TryShowOptInTeachingCallout	6	20
78.	Office.FileIO.ProtocolHandler.ProtocolHandlerMain	0	4
79.	Office.FileIO.ProtocolHandler.TryOpeningLorHyperLinkInNativeClient	0	1
80.	Office.FileIO.ProtocolHandler.WinMain	0	4

81.	Office.FileIO.ProtocolParser.ParseUri	0	4
82.	Office.FileIO.UnpackLink.UnpackLink	3	9
83.	Office.FileIO.UnpackLink.UnpackLinkWithHint	3	9
84.	Office.Help.Pane.InitialTaskPaneOpen	2	0
85.	Office.Insights.InsightsPane.LaunchPane	5	2
86.	Office.IntelligentServices.OptIn.ShowDialog	7	2
87.	Office.IntelligentServices.OptIn.UserRejectedOptIn	7	2
88.	Office.MATS.ActionOfficeWin32	0	115
89.	Office.Outlook.Desktop.AccountConfiguration.CreateAccountExchangeResult	0	2
90.	Office.Outlook.Desktop.Addressbook.DownloadDiffOAB	1	9
91.	Office.Outlook.Desktop.Addressbook.DownloadFullOAB	1	9
92.	Office.Outlook.Desktop.Attachments.MRUGalleryLoad	0	4
93.	Office.Outlook.Desktop.Authentication.GetIdentityFromMso	4	19
94.	Office.Outlook.Desktop.AutoDiscover.GetUriFromAutoDiscoverV2	0	2
95.	Office.Outlook.Desktop.Connectivity.Connected	13	130
96.	Office.Outlook.Desktop.Connectivity.StoreLogonHelperCalledAutoDiscover	1	0
97.	Office.Outlook.Desktop.Lpc.LokiOutboundEvents	0	4
98.	Office.Outlook.Desktop.Mail.ExchangeTransportSendMailFromOutbox	0	8
99.	Office.Outlook.Desktop.RopsBeforeGetBuffer	0	3
100.	Office.Outlook.Desktop.UI.REST.GETRequest	0	13
101.	Office.Outlook.Desktop.UI.REST.POSTRequest	0	20
102.	Office.Security.FileBlock.FileBlockInformation	4	0
103.	Office.Text.GDIAssistant.AddPreviewFontResourceActivity	3	2
104.	Office.Text.GDIAssistant.GetVersioningDirectory	46	102
105.	Office.Text.GDIAssistant.HandleCallback	87	157
106.	Office.Text.GDIAssistant.RegisterCloudFontCallback	66	132
107.	Office.Text.GDIAssistant.RemovePreviewFontResourceActivity	3	2
108.	Office.Text.ResourceClient.Deserialize	38	77
109.	Office.Text.ResourceClient.GetBaseURL	40	81
110.	Office.Text.ResourceClient.ProcessResourceResponse	2	4
111.	Office.Text.ResourceClient.RequestResourceInternal	5	0
112.	Office.Text.ResourceClient.UpdateResourceTask	2	4
113.	Office.UX.Desktop.OfficeTheme.App.Init	1	0

Contents of some telemetry events

Name: Office.SystemHealthMetadataApplicationAdditional
Activity: Outlook, part of 'Essential services'

```
{'baseData': [],  
'baseType': 'custom.office_legacy_metadata',  
'cV': '',  
'data': [{'properties': {'App.Branch': 'Fork',  
                        'App.InstallType': 2,  
                        'App.Name': 'Outlook',  
                        'App.Platform': 'Win32',  
                        'App.Version': '16.0.11629.20246',  
                        'Client.Id': [[155,  
                                     219,  
                                     130,  
                                     121,  
                                     98,  
                                     196,  
                                     82,  
                                     69,  
                                     148,  
                                     19,  
                                     3,  
                                     198,  
                                     23,  
                                     221,  
                                     206,  
                                     161]],  
                        'Consent.ControllerConnectedServicesSourceLocation': 2,  
                        'Consent.ControllerConnectedServicesState': 4,  
                        'Consent.DiagnosticConsentLevel': 1,  
                        'Consent.DiagnosticConsentLevelSourceLocation': 2,  
                        'Consent.DownloadContentSourceLocation': 2,  
                        'Consent.DownloadContentState': 0,  
                        'Consent.ServiceConnectionState': 1,  
                        'Consent.ServiceConnectionStateSourceLocation': 2,  
                        'Consent.UserCategoryValue': 2,  
                        'Consent.UserContentDependentSourceLocation': 2,  
                        'Consent.UserContentDependentState': 0,  
                        'Data.CID': 'c309c047-15ef-4763-8ed7-1bf3bd833599_ADAL',  
                        'Data.CollectibleClassifications': 5,  
                        'Data.FirstRunTime': 636947210400000000,  
                        'Data.IsJoinedToDomain': 0,  
                        'Data.IsLabMachine': 0,  
                        'Data.IsMsftInternal': 0,  
                        'Data.IsSubscription': 1,  
                        'Data.SqmUserId': [[155,  
                                           219,  
                                           130,  
                                           121,  
                                           98,  
                                           196,  
                                           82,
```

```
69,  
148,  
19,  
3,  
198,  
23,  
221,  
206,  
161]],  
'Data.StudyId': 0,  
'Data.WinUserActType': 0,  
'Device.OsBuild': '17763',  
'Device.OsVersion': '10.0',  
'Event.Contract': 'Office.Legacy.Metadata',  
'Event.Flags': 33777005812104961,  
'Event.Id': 'c5e40530-eb62-4741-9927-4f5634ad3228.11',  
'Event.Name':  
'Office.System.SystemHealthMetadataApplicationAdditional',  
'Event.Rule': '120603.3',  
'Event.RuleInterfaces': 'Metadata',  
'Event.SampleRate': 0.0,  
'Event.SchemaVersion': 1,  
'Event.Sequence': 11,  
'Event.Source': 'Mso',  
'Event.Time': 636970602636267981,  
'Legacy.ApplId': 6,  
'Legacy.OsEnv': 10,  
'Release.Audience': 'Production',  
'Release.AudienceGroup': 'Production',  
'Release.Channel': 'CC',  
'Release.Fork': '1904-Apr',  
'Session.EcsETag':  
""cY8FroFAGd4uzXpErN19F1qWhIDLvYwHJtIJC2AwXU="",  
'Session.Flags': 3932160,  
'Session.Id': 'c5e40530-eb62-4741-9927-4f5634ad3228',  
'Session.ImpressionId': [[0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0],  
'Session.MeasuresEnabled': 0,  
'Session.SamplingClientIdValue': 0.564,  
'User.PrimaryIdentityHash': 'c309c047-15ef-4763-8ed7-  
1bf3bd833599',
```

```
'User.PrimaryIdentitySpace': 'UserObjectId',
'User.TenantGroup': 'Commercial',
'User.TenantId': [[194,
252,
188,
192,
5,
126,
191,
71,
188,
242,
90,
105,
137,
155,
251,
86]],
'zP.Data.CID': 11,
'zP.Data.CollectibleClassifications': 9,
'zP.Data.FirstRunTime': 0,
'zP.Data.IsJoinedToDomain': 6,
'zP.Data.IsLabMachine': 2,
'zP.Data.IsMsftInternal': 7,
'zP.Data.IsSubscription': 3,
'zP.Data.SqmUserId': 10,
'zP.Data.StudyId': 4,
'zP.Data.WinUserActType': 5}}],
'ext': [],
'extApp': [{ 'asId': 0,
'env': "",
'expld': "",
'id': 'OUTLOOK',
'locale': "",
'name': "",
'userId': "",
'ver': '16.0.11629.20246'}],
'extCloud': [],
'extDevice': [{ 'authId': "",
'authSecId': "",
'deviceClass': 'Windows.Desktop',
'id': "",
'localId': 'c:b3150af8-84a9-4073-897c-5fb380917fad',
'make': "",
'model': "",
'orgAuthId': "",
'orgId': ""}],
'extIngest': [],
'extJavascript': [],
'extLoc': [{ 'country': "", 'id': "", 'timezone': '+02:00'}],
'extM365a': [{ 'enrolledTenantId': ""}],
'extNet': [{ 'cost': 'Unmetered', 'provider': "", 'type': 'Unknown'}],
'extOs': [{ 'bootId': 0,
'expld': "",
'locale': ""}
```

```

    'name': 'Windows Desktop',
    'ver': '10.0.17763.1.x86fre.rs5_release.180914-1434'}],
  'extProtocol': [{'devMake': 'VMware, Inc.',
    'devModel': 'VMware7,1',
    'metadataCrc': 0,
    'ticketKeys': []}],
  'extReceipts': [],
  'extSdk': [{'epoch': '180F4E9F-139A-47C7-9909-DA2ED762EC3C',
    'installId': 'F6A52CC3-93A4-405B-AAD2-6A81284F3AFB',
    'libVer': 'EVT-Windows-C++-No-3.1.87.1',
    'seq': 5}],
  'extUser': [{'authId': '', 'id': '', 'localId': '', 'locale': ''}],
  'extUtc': [],
  'extXbl': [],
  'flags': 257,
  'iKey': 'o:cd836626611c4caaa8fc5b2e728ee81d',
  'name': 'Office_System_SystemHealthMetadataApplicationAdditional',
  'popSample': 100.0,
  'tags': {},
  'time': 636970602682102671,
  'ver': '3.0'}

```

Name: Office.PowerPoint.DocOperation.SaveAs
Activity: Saving a document with a different name in SharePoint Online,
part of Required diagnostic data

```

{'baseData': [],
 'baseType': 'custom.office_system_activity',
 'cV': '',
 'data': [{'properties': {'Activity.AggMode': 0,
    'Activity.CV': '7OVQzqdmEKDOZFy2bZHOw.80.6',
    'Activity.Count': 1,
    'Activity.Duration': 1060899,
    'Activity.Result.Code': 0,
    'Activity.Result.Tag': 18745505,
    'Activity.Result.Type': 'HRESULT',
    'Activity.Success': 1,
    'App.Branch': 'Fork',
    'App.InstallType': 2,
    'App.Name': 'PowerPoint',
    'App.Platform': 'Win32',
    'App.Version': '16.0.11629.20246',
    'Client.Id': [[155,
    219,
    130,
    121,
    98,
    196,
    82,
    69,
    148,
    19,
    3,
    198,
    23,
    221,
    206,

```

161]],
'Consent.ControllerConnectedServicesSourceLocation': 2,
'Consent.ControllerConnectedServicesState': 4,
'Consent.DiagnosticConsentLevel': 1,
'Consent.DiagnosticConsentLevelSourceLocation': 2,
'Consent.DownloadContentSourceLocation': 2,
'Consent.DownloadContentState': 0,
'Consent.ServiceConnectionState': 1,
'Consent.ServiceConnectionStateSourceLocation': 2,
'Consent.UserCategoryValue': 2,
'Consent.UserContentDependentSourceLocation': 2,
'Consent.UserContentDependentState': 0,
'Data.DetachedDuration': 1060878,
'Data.DstDoc.AccessMode': 2,
'Data.DstDoc.EdpState': 2,
'Data.DstDoc.Ext': 'pptx',
'Data.DstDoc.FileFormat': 3027,
'Data.DstDoc.Location': 0,
'Data.DstDoc.SessionId': 2,
'Data.DstDoc.SizeInBytes': 34377,
'Data.DstDoc.StorageProviderId': 'computer',
'Data.DstDoc.UriHash': [[116,
160,
255,
61,
13,
248,
41,
74,
136,
30,
92,
188,
56,
231,
124,
77]],
'Data.FileType': 27,
'Data.SaveType': 16,
'Data.SrcDoc.AccessMode': 2,
'Data.SrcDoc.EdpState': 2,
'Data.SrcDoc.Ext': 'pptx',
'Data.SrcDoc.FileFormat': 3027,
'Data.SrcDoc.Location': 0,
'Data.SrcDoc.SessionId': 2,
'Data.SrcDoc.SizeInBytes': 34377,
'Data.SrcDoc.StorageProviderId': 'computer',
'Data.SrcDoc.UriHash': [[116,
160,
255,
61,
13,
248,
41,
74,
136,
30,
92,
188,
56,

```
231,  
124,  
77]],  
'Data.SrcDocHasAFatalSaveError': 0,  
'Data.StopwatchDuration': 84124,  
'Data.TypeOfSaveDialog': 16,  
'Data.flifeguarded': 0,  
'Device.OsBuild': '17763',  
'Device.OsVersion': '10.0',  
'Event.CV': '7OVQzqdmEKDOZFy2bZH0w.80.6',  
'Event.Contract': 'Office.System.Activity',  
'Event.Flags': 2814775553801985,  
'Event.Id': 'ce50e5ec-6aa7-4298-8339-9172d9b6473b.87',  
'Event.Name': 'Office.PowerPoint.DocOperation.SaveAs',  
'Event.SampleRate': 0.0,  
'Event.SchemaVersion': 1,  
'Event.Sequence': 87,  
'Event.Source': 'Mso',  
'Event.Time': 636970446222584978,  
'Legacy.ApplId': 3,  
'Legacy.OsEnv': 10,  
'Release.Audience': 'Production',  
'Release.AudienceGroup': 'Production',  
'Release.Channel': 'CC',  
'Release.Fork': '1904-Apr',  
'Session.EcsETag':  
""i0/XkB3wEe8A8GQ3GhIptSC0QFwjYw5NJtk6IkRtBgk="",  
'Session.Flags': 3932160,  
'Session.Id': 'ce50e5ec-6aa7-4298-8339-9172d9b6473b',  
'Session.ImpressionId': [[0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0]],  
'Session.MeasuresEnabled': 0,  
'Session.SamplingClientIdValue': 0.564,  
'User.PrimaryIdentityHash': 'c309c047-15ef-4763-8ed7-  
1bf3bd833599',  
'User.PrimaryIdentitySpace': 'UserObjectId',  
'User.TenantGroup': 'Commercial',  
'User.TenantId': [[194,  
252,  
188,  
192,  
5,  
126,  
191,  
71,  
188,
```

```

242,
90,
105,
137,
155,
251,
86]],
'zC.Activity.Result': 'Office.System.Result',
'zC.Data.DstDoc': 'Office.Document.DocMetadata',
'zC.Data.SrcDoc': 'Office.Document.DocMetadata'}]},
'ext': [],
'extApp': [{ 'asId': 0,
  'env': "",
  'expld': "",
  'id': 'POWERPNT',
  'locale': "",
  'name': "",
  'userId': "",
  'ver': '16.0.11629.20246'}],
'extCloud': [],
'extDevice': [{ 'authId': "",
  'authSecId': "",
  'deviceClass': 'Windows.Desktop',
  'id': "",
  'localId': 'c:b3150af8-84a9-4073-897c-5fb380917fad',
  'make': "",
  'model': "",
  'orgAuthId': "",
  'orgId': ""}],
'extIngest': [],
'extJavascript': [],
'extLoc': [{ 'country': "", 'id': "", 'timezone': '+02:00'}],
'extM365a': [{ 'enrolledTenantId': ""}],
'extNet': [{ 'cost': 'Unmetered', 'provider': "", 'type': 'Unknown'}],
'extOs': [{ 'bootId': 0,
  'expld': "",
  'locale': "",
  'name': 'Windows Desktop',
  'ver': '10.0.17763.1.x86fre.rs5_release.180914-1434'}],
'extProtocol': [{ 'devMake': 'VMware, Inc.',
  'devModel': 'VMware7,1',
  'metadataCrc': 0,
  'ticketKeys': []}],
'extReceipts': [],
'extSdk': [{ 'epoch': '3F334092-5C10-4B9C-AD8D-D2466C30247A',
  'installId': '3C48B744-OFF1-4313-A981-A987AEC2C217',
  'libVer': 'EVT-Windows-C++-No-3.1.87.1',
  'seq': 6}],
'extUser': [{ 'authId': "", 'id': "", 'localId': "", 'locale': ""}],
'extUtc': [],
'extXbl': [],
'flags': 257,
'iKey': 'o:e97859101370486fbc67f5a023da3fc',
'name': 'Office_PowerPoint_DocOperation_SaveAs',
'popSample': 100.0,
'tags': {},
'time': 636970446222584978,
'ver': '3.0'}

```

**Name: Office.Word.Experimentation.DocumentStatsOnCloseAndSuspend
Activity: Opening a fake medical file and storing it with a different name in
SharePoint Online, part of Required diagnostic data**

```
{'baseData': [],  
'baseType': 'custom.office_legacy_experimentationcustomdata',  
'cV': '',  
'data': [{ 'properties': { 'App.Branch': 'Fork',  
                          'App.InstallType': 2,  
                          'App.Name': 'Word',  
                          'App.Platform': 'Win32',  
                          'App.Version': '16.0.11629.20246',  
                          'Client.Id': [[244,  
                                         21,  
                                         171,  
                                         189,  
                                         3,  
                                         121,  
                                         187,  
                                         76,  
                                         141,  
                                         17,  
                                         7,  
                                         110,  
                                         60,  
                                         138,  
                                         192,  
                                         194]],  
                          'Consent.ControllerConnectedServicesSourceLocation': 2,  
                          'Consent.ControllerConnectedServicesState': 4,  
                          'Consent.DiagnosticConsentLevel': 1,  
                          'Consent.DiagnosticConsentLevelSourceLocation': 2,  
                          'Consent.DownloadContentSourceLocation': 2,  
                          'Consent.DownloadContentState': 0,  
                          'Consent.ServiceConnectionState': 1,  
                          'Consent.ServiceConnectionStateSourceLocation': 2,  
                          'Consent.UserCategoryValue': 0,  
                          'Consent.UserContentDependentSourceLocation': 2,  
                          'Consent.UserContentDependentState': 0,  
                          'Data.BkmkRefCount': 0,  
                          'Data.CharacterCount': 3369,  
                          'Data.CharactersWithSpaceCount': 3953,  
                          'Data.ChartCount': 0,  
                          'Data.CitationCount': 0,  
                          'Data.DocumentLocation': 0,  
                          'Data.ETW_TrackbackTag': 'bqmac',  
                          'Data.EndnoteDocCount': 0,  
                          'Data.FootnoteDocCount': 0,  
                          'Data.HasBibliography': 0,  
                          'Data.HasHeader': 1,  
                          'Data.IsImeUsed': 0,  
                          'Data.IsPageCountInProgress': 0,  
                          'Data.IsTouchUsed': 0,  
                          'Data.IsTrackChangesOn': 0,  
                          'Data.IvyChartCount': 0,  
                          'Data.LineCount': 28,  
                          'Data.MainPdod': 388663336,  
                          'Data.PageCount': 2,  
                          'Data.PageNumberFieldCount': 0,
```



```
0,
0,
0,
0]],
'Session.MeasuresEnabled': 0,
'Session.SamplingClientIdValue': 0.7203,
'User.PrimaryIdentityHash': '',
'User.PrimaryIdentitySpace': '',
'User.TenantGroup': 'Commercial',
'User.TenantId': [[194,
252,
188,
192,
5,
126,
191,
71,
188,
242,
90,
105,
137,
155,
251,
86]],
'zP.Data.BkmkRefCount': 22,
'zP.Data.CharacterCount': 6,
'zP.Data.CharactersWithSpaceCount': 7,
'zP.Data.ChartCount': 20,
'zP.Data.CitationCount': 19,
'zP.Data.DocumentLocation': 27,
'zP.Data.ETW_TrackbackTag': 13,
'zP.Data.EndnoteDocCount': 25,
'zP.Data.FootnoteDocCount': 24,
'zP.Data.HasBibliography': 17,
'zP.Data.HasHeader': 23,
'zP.Data.IsImeUsed': 12,
'zP.Data.IsPageCountInProgress': 2,
'zP.Data.IsTouchUsed': 11,
'zP.Data.IsTrackChangesOn': 28,
'zP.Data.IvyChartCount': 21,
'zP.Data.LineCount': 4,
'zP.Data.MainPdod': 0,
'zP.Data.PageCount': 1,
'zP.Data.PageNumberFieldCount': 18,
'zP.Data.ParagraphCount': 5,
'zP.Data.PicCount': 15,
'zP.Data.RsidCount': 14,
'zP.Data.TocCount': 16,
'zP.Data.UrlHash': 26,
'zP.Data.UserActionID': 8,
'zP.Data.UserActionName': 9,
'zP.Data.UserInteractionTimeMsec': 10,
'zP.Data.WordCount': 3 } ] ],
'ext': [],
'extApp': [{ 'asId': 0,
'env': '',
'expld': '',
'id': 'WINWORD',
'locale': ''
```

```

      'name': '',
      'userId': '',
      'ver': '16.0.11629.20246'}],
'extCloud': [],
'extDevice': [{ 'authId': '',
  'authSecId': '',
  'deviceClass': 'Windows.Desktop',
  'id': '',
  'localId': 'c:eed13e06-4b10-44c7-9c96-d05815f950f8',
  'make': '',
  'model': '',
  'orgAuthId': '',
  'orgId': ''}],
'extIngest': [],
'extJavascript': [],
'extLoc': [{ 'country': '', 'id': '', 'timezone': '+02:00'}],
'extM365a': [{ 'enrolledTenantId': ''}],
'extNet': [{ 'cost': 'Unmetered', 'provider': '', 'type': 'Unknown'}],
'extOs': [{ 'bootId': 0,
  'expld': '',
  'locale': '',
  'name': 'Windows Desktop',
  'ver': '10.0.17763.1.x86fre.rs5_release.180914-1434'}],
'extProtocol': [{ 'devMake': 'VMware, Inc.',
  'devModel': 'VMware7,1',
  'metadataCrc': 0,
  'ticketKeys': []}],
'extReceipts': [],
'extSdk': [{ 'epoch': 'A31F50AD-1151-4942-9DEF-33D982BEF5B3',
  'installId': '8B395E61-2595-4500-9ED7-88E105B69A33',
  'libVer': 'EVT-Windows-C++-No-3.1.87.1',
  'seq': 3}],
'extUser': [{ 'authId': '', 'id': '', 'localId': '', 'locale': ''}],
'extUtc': [],
'extXbl': [],
'flags': 257,
'iKey': 'o:bffd26d9e49b4b7db4cb4df3425812de',
'name': 'Office_Word_Experimentation_DocumentStatsOnCloseAndSuspend',
'popSample': 100.0,
'tags': {},
'time': 636966982341017208,
'ver': '3.0'}

```

Name: Office.Translator.TextTranslated
Activity: translating 5 words from Dutch to English in Word, part of Connected Experiences

```

{'baseData': [],
'baseType': 'custom.office_system_activity',
'cv': '',
'data': [{ 'properties': { 'Activity.AggMode': 0,
  'Activity.CV': 'L8zRmZAejMLzW1c2t5wfWU.6',
  'Activity.Count': 1,
  'Activity.Duration': 456000,
  'Activity.Result.Code': 200,
  'Activity.Result.Tag': 596464547,
  'Activity.Result.Type': 'ResponseCode',
  'Activity.Success': 1,
  'App.Branch': 'Fork',

```

```
'App.InstallType': 2,  
'App.Name': 'Word',  
'App.Platform': 'Win32',  
'App.Version': '16.0.11629.20246',  
'Client.Id': [[155,  
219,  
130,  
121,  
98,  
196,  
82,  
69,  
148,  
19,  
3,  
198,  
23,  
221,  
206,  
161]],  
'Consent.ControllerConnectedServicesSourceLocation': 2,  
'Consent.ControllerConnectedServicesState': 4,  
'Consent.DiagnosticConsentLevel': 1,  
'Consent.DiagnosticConsentLevelSourceLocation': 2,  
'Consent.DownloadContentSourceLocation': 2,  
'Consent.DownloadContentState': 0,  
'Consent.ServiceConnectionState': 1,  
'Consent.ServiceConnectionStateSourceLocation': 2,  
'Consent.UserCategoryValue': 0,  
'Consent.UserContentDependentSourceLocation': 2,  
'Consent.UserContentDependentState': 0,  
'Data.SDX.Id': 'fa00000002',  
'Data.SDX.InstanceId': '{5135FF95-2C9C-48F6-B1F9-  
DB7045595911}',  
'Data.SDX.MarketplaceType': 'SdxCatalog',  
'Data.SDX.Version': '1.0.0.0',  
'Data.actionSource': 'TargetTextLanguageChange',  
'Data.bodyBackgroundColor': '#ffffff',  
'Data.bodyForegroundColor': '#444444',  
'Data.browserLang': 'en-NL',  
'Data.browserOnline': 1,  
'Data.browserPlatform': 'Win32',  
'Data.browserUserAgent': 'Mozilla/5.0 (Windows NT '  
'10.0; WOW64; Trident/7.0; '  
'rv: 11.0) like Gecko',  
'Data.colorDepth': 24.0,  
'Data.contentLanguage': 'en-nl',  
'Data.controlBackgroundColor': '#fdfdfd',  
'Data.controlForegroundColor': '#444444',  
'Data.correlationId': 'fb7b6a5d-6540-433d-8560-371ac9f85d37',  
'Data.crossSessionId': 'd846d3f2-19bc-4d34-a237-  
96f934bdb682',  
'Data.crossSessionStartTime': '2019-06-21T06: 34: 08.742Z',  
'Data.currentTime': '2019-06-21T06: 34: 16.696Z',  
'Data.displayLanguage': 'nl-nl',  
'Data.documentSourceLang': '',  
'Data.documentTargetLang': 'nl',  
'Data.environment': 'Prod',  
'Data.errorMessage': '',  
'Data.eventActionType': 'TextTranslated',
```

```
'Data.eventTagId': 596464547.0,
'Data.flights': '{"Settings": true, "AltTranslationsDefinitions": true}',
'Data.innerHeight': 601.0,
'Data.innerWidth': 320.0,
'Data.lookupSourceLang': '',
'Data.lookupTargetLang': 'en',
'Data.officeHost': 'Word',
'Data.officeLocale': 'nl-NL',
'Data.officeMachineId': '{ 7982DB9B-C462-4552-9413-
03C617DDCEA1}',
'Data.officePlatform': 'PC',
'Data.officeSessionId': '{ 90B83966-F6AC-4808-AB81-
EF4B584B6AA4}',
'Data.officeVersion': '16.0.11629.20246',
'Data.pageXOffset': 0.0,
'Data.pageYOffset': 0.0,
'Data.pixelDepth': 24.0,
'Data.responseCode': 200.0,
'Data.responseTime': 455.0,
'Data.resultType': 'Success',
'Data.screenHeight': 1200.0,
'Data.screenLeft': 1286.0,
'Data.screenTop': 392.0,
'Data.screenWidth': 1920.0,
'Data.selectedTab': 0.0,
'Data.serverUrl':
'https://ogma.osi.office.net/TradukoApi/UI/index.html?tab=Lookup&_host_Info=Wo
rd$Win32$16.01$nl-NL',
'Data.sessionId': 'c127c500-3eb1-4ead-9e66-7f39d7874724',
'Data.sessionStartTime': '2019-06-21T06:34:08.581Z',
'Data.sourceTextHash':
'c03faead20f29f14da745c51bb5b42f4145dbd9757a82517dbd73d82bae34ace',
'Data.sourceTextLength': 21.0,
'Data.sourceTextWords': 5.0,
'Data.warningMessage': '',
'Device.OsBuild': '17763',
'Device.OsVersion': '10.0',
'Event.CV': 'L8zRmZAEjMLzW1c2t5wfWU.6',
'Event.Contract': 'Office.System.Activity',
'Event.Flags': 2814758373884161,
'Event.Id': '90b83966-f6ac-4808-ab81-ef4b584b6aa4.55',
'Event.Name': 'Office.Translator.TextTranslated',
'Event.SampleRate': 0.0,
'Event.SchemaVersion': 1,
'Event.Sequence': 55,
'Event.Source': 'Mso',
'Event.Time': 636966956567072079,
'Legacy.AppId': 0,
'Legacy.OsEnv': 10,
'Release.Audience': 'Production',
'Release.AudienceGroup': 'Production',
'Release.Channel': 'CC',
'Release.Fork': '1904-Apr',
'Session.EcsETag':
''76ugFb15guaWCXm0e8DNf3PrNFK5DuMSJtUwMRGRvF8='',
'Session.Flags': 3932160,
'Session.Id': '90b83966-f6ac-4808-ab81-ef4b584b6aa4',
'Session.ImpressionId': [[0,
0,
0,
```

```
0,
0,
0,
0,
0,
0,
0,
0,
0,
0,
0,
0,
0,
0,
0],
'Session.MeasuresEnabled': 0,
'Session.SamplingClientIdValue': 0.564,
'User.PrimaryIdentityHash': '',
'User.PrimaryIdentitySpace': '',
'User.TenantGroup': 'Commercial',
'User.TenantId': [[194,
252,
188,
192,
5,
126,
191,
71,
188,
242,
90,
105,
137,
155,
251,
86]],
'zC.Activity.Result': 'Office.System.Result',
'zC.Data.Activity.Result': 'Office.System.Result',
'zC.Data.SDX': 'Office.System.SDX'}}],
'ext': [],
'extApp': [{ 'asId': 0,
'env': '',
'expld': '',
'id': 'WINWORD',
'locale': '',
'name': '',
'userId': '',
'ver': '16.0.11629.20246'}],
'extCloud': [],
'extDevice': [{ 'authId': '',
'authSecId': '',
'deviceClass': 'Windows.Desktop',
'id': '',
'localId': 'c:b3150af8-84a9-4073-897c-5fb380917fad',
'make': '',
'model': '',
'orgAuthId': '',
'orgId': ''}],
'extIngest': [],
'extJavascript': [],
'extLoc': [{ 'country': '', 'id': '', 'timezone': '+02:00'}],
'extM365a': [{ 'enrolledTenantId': ''}],
```

```
'extNet': [{'cost': 'Unmetered', 'provider': '', 'type': 'Unknown'}],
'extOs': [{'bootId': 0,
  'expld': '',
  'locale': '',
  'name': 'Windows Desktop',
  'ver': '10.0.17763.1.x86fre.rs5_release.180914-1434'}],
'extProtocol': [{'devMake': 'VMware, Inc.',
  'devModel': 'VMware7,1',
  'metadataCrc': 0,
  'ticketKeys': []}],
'extReceipts': [],
'extSdk': [{'epoch': 'F11BBB75-32C9-4A75-BB16-C78D0437129E',
  'installId': 'C1458813-5B1D-4032-870F-BAABB030F9F4',
  'libVer': 'EVT-Windows-C++-No-3.1.87.1',
  'seq': 2}],
'extUser': [{'authId': '', 'id': '', 'localId': '', 'locale': ''}],
'extUtc': [],
'extXbl': [],
'flags': 257,
'iKey': 'o:e91bcbbe30e44ab28e2e2bce83d446e5',
'name': 'Office_Translator_TextTranslated',
'popSample': 100.0,
'tags': {},
'time': 636966956567072079,
'ver': '3.0'}
```

Name: Office.NaturalLanguage.Critiques.CloudSuggestChosenAction Activity: Use of spellingchecker in Word, part of Connected Experiences

```
{'baseData': [],
'baseType': 'custom.office_system_activity',
'cV': '',
'data': [{'properties': {'Activity.AggregMode': 0,
  'Activity.CV': '8T21Vp7GNEK4Za9qD+x9kA.142',
  'Activity.Count': 1,
  'Activity.Duration': 2082,
  'Activity.Result.Code': 0,
  'Activity.Result.Type': 'CritiqueActions',
  'Activity.Success': 1,
  'App.Branch': 'Fork',
  'App.InstallType': 2,
  'App.Name': 'Word',
  'App.Platform': 'Win32',
  'App.Version': '16.0.11629.20246',
  'Client.Id': [[155,
    219,
    130,
    121,
    98,
    196,
    82,
    69,
    148,
    19,
    3,
    198,
```

```
23,  
221,  
206,  
161]],  
'Consent.ControllerConnectedServicesSourceLocation': 2,  
'Consent.ControllerConnectedServicesState': 4,  
'Consent.DiagnosticConsentLevel': 1,  
'Consent.DiagnosticConsentLevelSourceLocation': 2,  
'Consent.DownloadContentSourceLocation': 2,  
'Consent.DownloadContentState': 0,  
'Consent.ServiceConnectionState': 1,  
'Consent.ServiceConnectionStateSourceLocation': 2,  
'Consent.UserCategoryValue': 0,  
'Consent.UserContentDependentSourceLocation': 2,  
'Consent.UserContentDependentState': 0,  
'Data.CloudSuggestSucceeded': 0,  
'Data.CorrelationId': [[154,  
139,  
127,  
62,  
211,  
97,  
44,  
71,  
139,  
119,  
97,  
237,  
135,  
117,  
38,  
23]],  
'Data.CorrelationId_FB3FE05DF0C74306A58DA93E3AFEF9A7':  
[[185,  
177,  
151,  
236,  
145,  
37,  
128,  
79,  
159,  
197,  
167,  
156,  
3,  
207,  
178,  
185]],  
'Data.CultureTag': 'nl-NL',  
'Data.FlagLength': 7,  
'Data.FlagStart': 35,  
'Data.ParentTypeID': [[100,  
94,  
35,
```



```
241,  
97,  
15,  
87,  
64,  
135,  
249,  
116,  
85,  
136,  
90,  
10,  
120]],  
'Data.SuggestionCount': 3,  
'Device.OsBuild': '17763',  
'Device.OsVersion': '10.0',  
'Event.CV': '8T21Vp7GNEK4Za9qD+x9kA.142',  
'Event.Contract': 'Office.System.Activity',  
'Event.Flags': 30962256044949761,  
'Event.Id': '56b53df1-c69e-4234-b865-af6a0fec7d90.55',  
'Event.Name':  
'Office.NaturalLanguage.Critiques.CloudSuggestChosenAction',  
'Event.SampleRate': 0.0,  
'Event.SchemaVersion': 1,  
'Event.Sequence': 55,  
'Event.Source': 'Mso',  
'Event.Time': 636966978663852863,  
'Legacy.AppId': 0,  
'Legacy.OsEnv': 10,  
'Release.Audience': 'Production',  
'Release.AudienceGroup': 'Production',  
'Release.Channel': 'CC',  
'Release.Fork': '1904-Apr',  
'Session.EcsETag':  
""76ugFb15guaWCXm0e8DNf3PrNFK5DuMSJtUwMRGRvF8=""',  
'Session.Flags': 3satar932160,  
'Session.Id': '56b53df1-c69e-4234-b865-af6a0fec7d90',  
'Session.ImpressionId': [[0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0]],  
'Session.MeasuresEnabled': 0,  
'Session.SamplingClientIdValue': 0.564,
```

```
'User.PrimaryIdentityHash': '',
'User.PrimaryIdentitySpace': '',
'User.TenantGroup': 'Commercial',
'User.TenantId': [[194,
252,
188,
192,
5,
126,
191,
71,
188,
242,
90,
105,
137,
155,
251,
86]],
'zC.Activity.Result': 'Office.System.Result'}]],
'ext': [],
'extApp': [{ 'asId': 0,
'env': '',
'expld': '',
'id': 'WINWORD',
'locale': '',
'name': '',
'userId': '',
'ver': '16.0.11629.20246'}],
'extCloud': [],
'extDevice': [{ 'authId': '',
'authSecId': '',
'deviceClass': 'Windows.Desktop',
'id': '',
'localId': 'c:b3150af8-84a9-4073-897c-5fb380917fad',
'make': '',
'model': '',
'orgAuthId': '',
'orgId': ''}],
'extIngest': [],
'extJavascript': [],
'extLoc': [{ 'country': '', 'id': '', 'timezone': '+02:00'}],
'extM365a': [{ 'enrolledTenantId': ''}],
'extNet': [{ 'cost': 'Unmetered', 'provider': '', 'type': 'Unknown'}],
'extOs': [{ 'bootId': 0,
'expld': '',
'locale': '',
'name': 'Windows Desktop',
'ver': '10.0.17763.1.x86fre.rs5_release.180914-1434'}],
'extProtocol': [{ 'devMake': 'VMware, Inc.',
'devModel': 'VMware7,1',
'metadataCrc': 0,
'ticketKeys': []}],
'extReceipts': [],
'extSdk': [{ 'epoch': 'BE7CB3B0-157C-40D1-9416-215A20328545',
```

```

      'installId': '9D2576E2-E3E9-4B31-9C9E-FC33E604F4D6',
      'libVer': 'EVT-Windows-C++-No-3.1.87.1',
      'seq': 4}],
    'extUser': [{ 'authId': '', 'id': '', 'localId': '', 'locale': '' }],
    'extUtc': [],
    'extXbl': [],
    'flags': 257,
    'iKey': 'o:71cc1046851042108843d90e5d3ef6c1',
    'name': 'Office_NaturalLanguage_Critiques_CloudSuggestChosenAction',
    'popSample': 100.0,
    'tags': {},
    'time': 636966978663852863,
    'ver': '3.0'}

```

**Name: Office.NaturalLanguage.Proofing.Engines.NLServiceClient.Speller.
ServiceRequest**
Activity: Use of Spelling Checker in Outlook, part of Connected Experiences

```

{'baseData': [],
 'baseType': 'custom.office_system_activity',
 'cV': '',
 'data': [{ 'properties': { 'Activity.AggMode': 0,
                           'Activity.CV': 'MAXkxWLRQeZJ09WNK0yKA.54',
                           'Activity.Count': 1,
                           'Activity.Duration': 42957,
                           'Activity.Result.Code': 0,
                           'Activity.Result.Type': 'OfficeWebServiceApi::Status::Flags',
                           'Activity.Success': 1,
                           'App.Branch': 'Fork',
                           'App.InstallType': 2,
                           'App.Name': 'Outlook',
                           'App.Platform': 'Win32',
                           'App.Version': '16.0.11629.20246',
                           'Client.Id': [[155,
                                           219,
                                           130,
                                           121,
                                           98,
                                           196,
                                           82,
                                           69,
                                           148,
                                           19,
                                           3,
                                           198,
                                           23,
                                           221,
                                           206,
                                           161]],
                           'Consent.ControllerConnectedServicesSourceLocation': 2,
                           'Consent.ControllerConnectedServicesState': 4,
                           'Consent.DiagnosticConsentLevel': 1,
                           'Consent.DiagnosticConsentLevelSourceLocation': 2,
                           'Consent.DownloadContentSourceLocation': 2,
                           'Consent.DownloadContentState': 0,
                           'Consent.ServiceConnectionState': 1,
                           'Consent.ServiceConnectionStateSourceLocation': 2,

```

```
'Consent.UserCategoryValue': 2,  
'Consent.UserContentDependentSourceLocation': 2,  
'Consent.UserContentDependentState': 0,  
'Data.CorrelationId': [[0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0]],  
'Data.CultureTag': 'en-US',  
'Data.DetachedDuration': 42891,  
'Data.ErrorSource': 0,  
'Data.Timeout': 670,  
'Device.OsBuild': '17763',  
'Device.OsVersion': '10.0',  
'Event.CV': 'MAXkxWLRQeZJ09WnK0yKA.54',  
'Event.Contract': 'Office.System.Activity',  
'Event.Flags': 30962256044949761,  
'Event.Id': 'c5e40530-eb62-4741-9927-4f5634ad3228.46',  
'Event.Name':  
'Office.NaturalLanguage.Proofing.Engines.NLServiceClient.Speller.ServiceRequest',  
'Event.SampleRate': 0.0,  
'Event.SchemaVersion': 1,  
'Event.Sequence': 46,  
'Event.Source': 'Mso',  
'Event.Time': 636970602728040132,  
'Legacy.ApplId': 6,  
'Legacy.OsEnv': 10,  
'Release.Audience': 'Production',  
'Release.AudienceGroup': 'Production',  
'Release.Channel': 'CC',  
'Release.Fork': '1904-Apr',  
'Session.EcsETag':  
'''cY8FroFAGd4uzXpErN19F1qWhIDLvYwHjtIJC2AwXU=''',  
'Session.Flags': 3932160,  
'Session.Id': 'c5e40530-eb62-4741-9927-4f5634ad3228',  
'Session.ImpressionId': [[0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,  
    0,
```

```
0,  
0]],  
'Session.MeasuresEnabled': 0,  
'Session.SamplingClientIdValue': 0.564,  
'User.PrimaryIdentityHash': 'c309c047-15ef-4763-8ed7-  
1bf3bd833599',  
'User.PrimaryIdentitySpace': 'UserObjectId',  
'User.TenantGroup': 'Commercial',  
'User.TenantId': [[194,  
252,  
188,  
192,  
5,  
126,  
191,  
71,  
188,  
242,  
90,  
105,  
137,  
155,  
251,  
86]],  
'zC.Activity.Result': 'Office.System.Result'}]],  
'ext': [],  
'extApp': [{ 'asId': 0,  
'env': "",  
'expld': "",  
'id': 'OUTLOOK',  
'locale': "",  
'name': "",  
'userId': "",  
'ver': '16.0.11629.20246'}],  
'extCloud': [],  
'extDevice': [{ 'authId': "",  
'authSecId': "",  
'deviceClass': 'Windows.Desktop',  
'id': "",  
'localId': 'c:b3150af8-84a9-4073-897c-5fb380917fad',  
'make': "",  
'model': "",  
'orgAuthId': "",  
'orgId': ""}],  
'extIngest': [],  
'extJavascript': [],  
'extLoc': [{ 'country': "", 'id': "", 'timezone': '+02:00'}],  
'extM365a': [{ 'enrolledTenantId': ""}],  
'extNet': [{ 'cost': 'Unmetered', 'provider': "", 'type': 'Unknown'}],  
'extOs': [{ 'bootId': 0,  
'expld': "",  
'locale': "",  
'name': 'Windows Desktop',  
'ver': '10.0.17763.1.x86fre.rs5_release.180914-1434'}],  
'extProtocol': [{ 'devMake': 'VMware, Inc.',  
'devModel': 'VMware7,1',  
'metadataCrc': 0,  
'ticketKeys': []}],  
'extReceipts': [],  
'extSdk': [{ 'epoch': '47060173-A2F9-4306-99CF-03510EDB6A39',
```

```
'installId': 'F6A52CC3-93A4-405B-AAD2-6A81284F3AFB',  
'libVer': 'EVT-Windows-C++-No-3.1.87.1',  
'seq': 1}],  
'extUser': [{'authId': '', 'id': '', 'localId': '', 'locale': ''}],  
'extUtc': [],  
'extXbl': [],  
'flags': 257,  
'iKey': 'o:71cc1046851042108843d90e5d3ef6c1',  
'name':  
'Office_NaturalLanguage_Proofing_Engines_NLServiceClient_Speller_ServiceRequest',  
,  
'popSample': 100.0,  
'tags': {},  
'time': 636970602728040132,  
'ver': '3.0'}
```

Name: Office.FileIO.CSI.FCopyTempFileToWorkingDocumentContent Activity: PowerPoint activity, event not documented

```
{'baseData': [],  
'baseType': 'custom.office_system_activity',  
'cV': '',  
'data': [{'properties': {'Activity.AggregMode': 0,  
                        'Activity.CV': '1z/23V6MUeZMDudKAeZtA.267.1.3',  
                        'Activity.Count': 1,  
                        'Activity.Duration': 45686,  
                        'Activity.Success': 1,  
                        'App.Branch': 'Fork',  
                        'App.InstallType': 2,  
                        'App.Name': 'PowerPoint',  
                        'App.Platform': 'Win32',  
                        'App.Version': '16.0.11629.20246',  
                        'Client.Id': [[155,  
                                     219,  
                                     130,  
                                     121,  
                                     98,  
                                     196,  
                                     82,  
                                     69,  
                                     148,  
                                     19,  
                                     3,  
                                     198,  
                                     23,  
                                     221,  
                                     206,  
                                     161]],  
                        'Consent.ControllerConnectedServicesSourceLocation': 2,  
                        'Consent.ControllerConnectedServicesState': 4,  
                        'Consent.DiagnosticConsentLevel': 1,  
                        'Consent.DiagnosticConsentLevelSourceLocation': 2,  
                        'Consent.DownloadContentSourceLocation': 2,  
                        'Consent.DownloadContentState': 0,  
                        'Consent.ServiceConnectionState': 1,  
                        'Consent.ServiceConnectionStateSourceLocation': 2,  
                        'Consent.UserCategoryValue': 2,  
                        'Consent.UserContentDependentSourceLocation': 2,  
                        'Consent.UserContentDependentState': 0,  
                        'Data.Doc.AccessMode': 2,
```

'Data.Doc.EdpState': 2,
'Data.Doc.Ext': 'pptx',
'Data.Doc.Fqdn': 'sharepoint.com',
'Data.Doc.FqdnHash': [[49,

93,
197,
254,
130,
34,
208,
73,
146,
93,
204,
64,
109,
82,
53,
182]],

'Data.Doc.IOFlags': 0,
'Data.Doc.IdentityTelemetryId': [[71,

192,
9,
195,
239,
21,
99,
71,
142,
215,
27,
243,
189,
131,
53,
153]],

'Data.Doc.IsCloudCollabEnabled': 1,
'Data.Doc.IsOcsSupported': 1,
'Data.Doc.IsOpeningOfflineCopy': 0,
'Data.Doc.IsPrefetched': 0,
'Data.Doc.IsSyncBacked': 0,
'Data.Doc.Location': 7,
'Data.Doc.ReadOnlyReasons': 0,
'Data.Doc.ServerProtocol': 7,
'Data.Doc.ServerType': 5,
'Data.Doc.ServerVersion': 16,
'Data.Doc.SessionId': 2,

'Data.Doc.SizeInBytes': 44674,
'Data.Doc.UrlHash': [[161,

70,
138,
237,
145,
83,
169,
77,
154,
250,
22,
121,

```
12,  
199,  
197,  
249]],  
'Device.OsBuild': '17763',  
'Device.OsVersion': '10.0',  
'Event.CV': '11z/23V6MUeZMDudKAeZtA.267.1.3',  
'Event.Contract': 'Office.System.Activity',  
'Event.Flags': 30962256044949761,  
'Event.Id': 'dbff5c97-7a75-4731-9930-3b9d280799b4.158',  
'Event.Name':  
'Office.FileIO.CSI.FCopyTempFileToWorkingDocumentContent',  
'Event.SampleRate': 0.0,  
'Event.SchemaVersion': 1,  
'Event.Sequence': 158,  
'Event.Source': 'Mso',  
'Event.Time': 636970448407389977,  
'Legacy.AppId': 3,  
'Legacy.OsEnv': 10,  
'Release.Audience': 'Production',  
'Release.AudienceGroup': 'Production',  
'Release.Channel': 'CC',  
'Release.Fork': '1904-Apr',  
'Session.EcsETag':  
""i0/XkB3wEe8A8GQ3GhIptSCOQFwjYw5NJtk6IkRtBgk=""',  
'Session.Flags': 3932160,  
'Session.Id': 'dbff5c97-7a75-4731-9930-3b9d280799b4',  
'Session.ImpressionId': [[0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0]],  
'Session.MeasuresEnabled': 0,  
'Session.SamplingClientIdValue': 0.564,  
'User.PrimaryIdentityHash': 'c309c047-15ef-4763-8ed7-  
1bf3bd833599',  
'User.PrimaryIdentitySpace': 'UserObjectId',  
'User.TenantGroup': 'Commercial',  
'User.TenantId': [[194,  
252,  
188,  
192,  
5,  
126,  
191,  
71,  
188,  
242,  
90,
```



```

105,
137,
155,
251,
86]],
      'zC.Data.Doc': 'Office.Document.DocMetadata'}}],
'ext': [],
'extApp': [{ 'asId': 0,
  'env': '',
  'expld': '',
  'id': 'POWERPNT',
  'locale': '',
  'name': '',
  'userId': '',
  'ver': '16.0.11629.20246'}],
'extCloud': [],
'extDevice': [{ 'authId': '',
  'authSecId': '',
  'deviceClass': 'Windows.Desktop',
  'id': '',
  'localId': 'c:b3150af8-84a9-4073-897c-5fb380917fad',
  'make': '',
  'model': '',
  'orgAuthId': '',
  'orgId': ''}],
'extIngest': [],
'extJavascript': [],
'extLoc': [{ 'country': '', 'id': '', 'timezone': '+02:00'}],
'extM365a': [{ 'enrolledTenantId': ''}],
'extNet': [{ 'cost': 'Unmetered', 'provider': '', 'type': 'Unknown'}],
'extOs': [{ 'bootId': 0,
  'expld': '',
  'locale': '',
  'name': 'Windows Desktop',
  'ver': '10.0.17763.1.x86fre.rs5_release.180914-1434'}],
'extProtocol': [{ 'devMake': 'VMware, Inc.',
  'devModel': 'VMware7,1',
  'metadataCrc': 0,
  'ticketKeys': []}],
'extReceipts': [],
'extSdk': [{ 'epoch': '422A0E9C-545F-4247-B7B1-3145EA9D23C1',
  'installId': '0239C295-1BF6-40DB-9D53-D4ACBED41328',
  'libVer': 'EVT-Windows-C++-No-3.1.87.1',
  'seq': 69}],
'extUser': [{ 'authId': '', 'id': '', 'localId': '', 'locale': ''}],
'extUtc': [],
'extXbl': [],
'flags': 257,
'iKey': 'o:d2b065c5ae634beb9cec4813140e22da',
'name': 'Office_FileIO_CSI_FCopyTempFileToWorkingDocumentContent',
'popSample': 100.0,
'tags': {},
'time': 636970448407389977,
'ver': '3.0'}

```

Name: Office_FileIO_DocumentShareUrl_OnUnpackUrlCompleted
Activity: Opening a document in PowerPoint from SharePoint Online, event not documented, possibly part of Connected Experiences

```
{'baseData': [],  
'baseType': 'custom.office_system_activity',  
'cV': '',  
'data': [{'properties': {'Activity.AggMode': 0,  
                        'Activity.CV': 'aoYNPYr7IkCupJ2fUNSYRQ.165.1.1.2',  
                        'Activity.Count': 1,  
                        'Activity.Duration': 169,  
                        'Activity.Success': 1,  
                        'App.Branch': 'Fork',  
                        'App.InstallType': 2,  
                        'App.Name': 'PowerPoint',  
                        'App.Platform': 'Win32',  
                        'App.Version': '16.0.11629.20246',  
                        'Client.Id': [[155,  
                                     219,  
                                     130,  
                                     121,  
                                     98,  
                                     196,  
                                     82,  
                                     69,  
                                     148,  
                                     19,  
                                     3,  
                                     198,  
                                     23,  
                                     221,  
                                     206,  
                                     161]],  
                        'Consent.ControllerConnectedServicesSourceLocation': 2,  
                        'Consent.ControllerConnectedServicesState': 4,  
                        'Consent.DiagnosticConsentLevel': 1,  
                        'Consent.DiagnosticConsentLevelSourceLocation': 2,  
                        'Consent.DownloadContentSourceLocation': 2,  
                        'Consent.DownloadContentState': 0,  
                        'Consent.ServiceConnectionState': 1,  
                        'Consent.ServiceConnectionStateSourceLocation': 2,  
                        'Consent.UserCategoryValue': 2,  
                        'Consent.UserContentDependentSourceLocation': 2,  
                        'Consent.UserContentDependentState': 0,  
                        'Data.BounceToWebReason': 10,  
                        'Data.FallbackToOpenInWeb': 0,  
                        'Data.OriginalDoc.Ext': 'pptx',  
                        'Data.OriginalDoc.SessionId': 1,  
                        'Data.OriginalDoc.UrlHash': [[213,  
                                                     184,  
                                                     172,  
                                                     233,  
                                                     213,  
                                                     84,  
                                                     55,  
                                                     68,  
                                                     173,  
                                                     246,
```

```
179,  
222,  
209,  
183,  
131,  
233]],  
'Data.UnpackLinkHint': 7,  
'Device.OsBuild': '17763',  
'Device.OsVersion': '10.0',  
'Event.CV': 'aoYNPYr7IkCupJ2fUNSYRQ.165.1.1.2',  
'Event.Contract': 'Office.System.Activity',  
'Event.Flags': 30962256044949761,  
'Event.Id': '3d0d866a-fb8a-4022-aea4-9d9f50d49845.82',  
'Event.Name':  
'Office.FileIO.DocumentShareUrl.OnUnpackUrlCompleted',  
'Event.SampleRate': 0.0,  
'Event.SchemaVersion': 1,  
'Event.Sequence': 82,  
'Event.Source': 'Mso',  
'Event.Time': 636970476759195896,  
'Legacy.AppId': 3,  
'Legacy.OsEnv': 10,  
'Release.Audience': 'Production',  
'Release.AudienceGroup': 'Production',  
'Release.Channel': 'CC',  
'Release.Fork': '1904-Apr',  
'Session.EcsETag':  
'''io/XkB3wEe8A8GQ3GhIptSC0QFwjYw5NJtk6IkRtBgk=''',  
'Session.Flags': 3932160,  
'Session.Id': '3d0d866a-fb8a-4022-aea4-9d9f50d49845',  
'Session.ImpressionId': [[0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0,  
0],  
'Session.MeasuresEnabled': 0,  
'Session.SamplingClientIdValue': 0.564,  
'User.PrimaryIdentityHash': 'c309c047-15ef-4763-8ed7-  
1bf3bd833599',  
'User.PrimaryIdentitySpace': 'UserObjectId',  
'User.TenantGroup': 'Commercial',  
'User.TenantId': [[194,  
252,  
188,  
192,  
5,  
126,  
191,  
71,
```

```
188,  
242,  
90,  
105,  
137,  
155,  
251,  
86]],  
  'zC.Data.OriginalDoc': 'Office.Document.DocMetadata' } } ],  
'ext': [],  
'extApp': [{ 'asId': 0,  
  'env': "",  
  'expld': "",  
  'id': 'POWERPNT',  
  'locale': "",  
  'name': "",  
  'userId': "",  
  'ver': '16.0.11629.20246' } ],  
'extCloud': [],  
'extDevice': [{ 'authId': "",  
  'authSecId': "",  
  'deviceClass': 'Windows.Desktop',  
  'id': "",  
  'localId': 'c:b3150af8-84a9-4073-897c-5fb380917fad',  
  'make': "",  
  'model': "",  
  'orgAuthId': "",  
  'orgId': "" } ],  
'extIngest': [],  
'extJavascript': [],  
'extLoc': [ { 'country': "", 'id': "", 'timezone': '+02:00' } ],  
'extM365a': [ { 'enrolledTenantId': "" } ],  
'extNet': [ { 'cost': 'Unmetered', 'provider': "", 'type': 'Unknown' } ],  
'extOs': [ { 'bootId': 0,  
  'expld': "",  
  'locale': "",  
  'name': 'Windows Desktop',  
  'ver': '10.0.17763.1.x86fre.rs5_release.180914-1434' } ],  
'extProtocol': [ { 'devMake': 'VMware, Inc.',  
  'devModel': 'VMware7,1',  
  'metadataCrc': 0,  
  'ticketKeys': [] } ],  
'extReceipts': [],  
'extSdk': [ { 'epoch': '30223554-1798-4FD7-92AE-FB882D549AB4',  
  'installId': 'EA8C0837-6FD1-46AD-AC6D-7F02568CA8F2',  
  'libVer': 'EVT-Windows-C++-No-3.1.87.1',  
  'seq': 3 } ],  
'extUser': [ { 'authId': "", 'id': "", 'localId': "", 'locale': "" } ],  
'extUtc': [],  
'extXbl': [],  
'flags': 257,  
'iKey': 'o:d2b065c5ae634beb9cec4813140e22da',  
'name': 'Office_FileIO_DocumentShareUrl_OnUnpackUrlCompleted',  
'popSample': 100.0,  
'tags': {},  
'time': 636970476759195896,  
'ver': '3.0' }
```