

Einige beispielhafte Datenflüsse

Beispielhafte Datenflüsse, die bei der Nutzung von Microsoft Office 365 in der Version, Konfiguration und Variante des KM auftreten.

Anmerkungen und Hinweise

Dies sind ausschließlich Beispiele. Jedes einzelne kann mehrere Ereignisse oder andere Datenstrukturen enthalten.

Für die Einhaltung der Pflichten aus der DS-GVO ist es nötig, dass insbesondere alle Datenflüsse aus dem Bereich der Telemetrie- und Diagnosedaten sowie sonstigen Protokollierungs- und Logdaten sowie Daten, die der Auftragsverarbeiter zu möglicherweise eigenen Zwecken verarbeitet, dokumentiert und rechtlich bewertet werden. Wenn in einem Datenfluss mehrere „Ereignisse“ oder ähnliche Datenstrukturen gemeinsam übermittelt werden, sind alle Ereignisse und ihre Datenpunkte einzeln zu dokumentieren und zu bewerten. Einzelne Ereignisse oder sonstige Datenstrukturen müssen natürlich nur ein mal beschrieben werden, dabei muss aber auch ihre Beziehungen untereinander deutlich werden (wenn z.B. eine Übermittlung immer zusammen mit einer anderen statt findet).

Da die eigentlichen übermittelten Daten teilweise in Binärform bzw. anderweitig codiert vorliegen und teilweise umfangreich sind, liegen diesem Dokument diese Daten in je einer einzelnen Datei gesondert bei. Diese Datei enthält die Daten im Original-Encoding (z.B. Base64); eventuelle zusätzliche Transport-Encodings (z.B. gzip) wurden dekodiert. Zwar sind diese POST-Daten in der Regel die relevanten Daten, sie sind aber oftmals auch im Zusammenhang mit weiteren Daten wie z.B. aus dem HTTP-Header und -Request (wie in diesem Dokument dargestellt) zu betrachten.

Die hier beispielhaft dargestellten Datenflüsse sind nicht vollständig. Sie sind auch nicht in Bezug auf die Kategorien vollständig. Sie sind nicht auf doppelte oder fehlende Ereignisse geprüft. Es handelt sich um einen kleinen Ausschnitt der Datenflüsse, die dem LfDI vorliegen. Welche Datenflüsse tatsächlich stattfinden, muss der Verantwortliche dokumentieren. Insbesondere ist zu prüfen, ob auch Datenflüsse und deren Inhalt (einschließlich aller Ereignisse und Datenpunkte), die auf den ersten Blick nicht nach Telemetriedaten aussehen, vom Auftragsverarbeiter für eigene Zwecke verarbeitet werden. Wenn der Auftragsverarbeiter beispielsweise nicht nur das Ergebnis einer Dokumentenbearbeitung speichert, sondern z.B. Zwischenschritte und diese vom Server zum Telemetrieserver übermittelt, ist dies zu bewerten.

Diese Beispiele hier enthalten der **nur die Daten vom Request** und nicht von der Response. Sofern die Antwort des Servers für die Bewertung relevant ist, ist diese auch zu prüfen.

Soweit Nutzer mittels **anderer Techniken** wie z.B. mittels Fingerprinting, ETags, TLS-Session-IDs wiedererkannt oder identifiziert werden, so ist dies transparent zu machen und ebenfalls zu bewerten.

Beispiel 1

Einfaches Beispiel eines Datenflusses.

Der POST -Content liegt in der Datei *Content-Beispiel-1.data* vor.

```
POST https://browser.events.data.microsoft.com/OneCollector/1.0/?cors=true&content-type=application/x-json-stream&client-id=NO_AUTH&client-version=1DS-Web-JS-2.4.2&apikey=ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045,7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830&upload-time=1601583544003&w=2 HTTP/1.1
```

Host	browser.events.data.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://euc-word-edit.officeapps.live.com/
Content-Type	text/plain;charset=UTF-8
Content-Length	15883
Origin	https://euc-word-edit.officeapps.live.com
Connection	keep-alive
Cookie	MC1=GUID=9eb568e1cb3b46c291e1b805a1d478bf&HASH=9eb5&LV=202009&V=4&LU=1601392157496; MS0=744ecce66e4f419988dc3e5137e5a18b

```
cors: true
content-type: application/x-json-stream
client-id: NO_AUTH
client-version: 1DS-Web-JS-2.4.2
apikey: ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045,7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830
upload-time: 1601583544003
w: 2
```

Beispiel 2

Einfaches Beispiel mit Daten im Bond-Binär-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-2.data* vor.

```
POST https://browser.pipe.aria.microsoft.com/Collector/3.0/?qsp=true&content-type=application%2Fbond-compact-binary&client-id=NO_AUTH&sdk-version=AWT-Web-JS-1.8.6&content-encoding=base64&x-apikey=ea6758984c4b43529f9929667d8d3198-c52d4a8b-47fe-4fdf-99b8-5f897ff4e33b-7365&client-time-epoch-millis=1602330127177&time-delta-to-apply-millis=4345 HTTP/1.1
```

Host	browser.pipe.aria.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://www.office.com/
Content-Type	text/plain;charset=UTF-8
Content-Length	4264
Origin	https://www.office.com
Connection	keep-alive

```
qsp: true
content-type: application/bond-compact-binary
client-id: NO_AUTH
sdk-version: AWT-Web-JS-1.8.6
content-encoding: base64
x-apikey: ea6758984c4b43529f9929667d8d3198-c52d4a8b-47fe-4fdf-99b8-5f897ff4e33b-7365
client-time-epoch-millis: 1602330127177
time-delta-to-apply-millis: 4345
```


Beispielhafte Datenflüsse

x-ms-scenario-id	705
x-ms-user-type	null
x-ms-client-type	web
x-ms-client-env	pckgsvc-prod-c2-euwe-02
x-ms-client-version	1415/1.0.0.2020091645
x-ms-session-id	aaf75531-123d-fc88-d136-c37e20b15095
content-length	70
origin	https://teams.microsoft.com
te	trailers

Beispiel 4

Weiteres Beispiel mit Daten im Bond-Binär-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-4.data* vor.

```
POST https://browser.pipe.aria.microsoft.com/Collector/3.0/?qsp=true&content-type=application%2Fbond-compact-binary&client-id=NO_AUTH&sdk-version=AWT-Web-JS-1.8.6&content-encoding=base64&x-apikey=b664cab4b3f24a739be75b93b026749e-65c206a3-a985-48b4-8b50-36c56c3ce309-7201,35612b11d234460da5c673d7b172fd93-f8762c6b-96cb-4e60-87fa-015aac0c2ff1-7212&client-time-epoch-millis=1601578883587&time-delta-to-apply-millis=2489 HTTP/1.1
```

Host	browser.pipe.aria.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://euc-powerpoint.officeapps.live.com/
Content-Type	text/plain;charset=UTF-8
Content-Length	44916
Origin	https://euc-powerpoint.officeapps.live.com
Connection	keep-alive

```
qsp: true
content-type: application/bond-compact-binary
client-id: NO_AUTH
sdk-version: AWT-Web-JS-1.8.6
content-encoding: base64
x-apikey: b664cab4b3f24a739be75b93b026749e-65c206a3-a985-48b4-8b50-36c56c3ce309-7201,35612b11d234460da5c673d7b172fd93-f8762c6b-96cb-4e60-87fa-015aac0c2ff1-7212
client-time-epoch-millis: 1601578883587
time-delta-to-apply-millis: 2489
```

Beispiel 5

Beispiel eines Datenflusses mit zusätzlichen Daten im HTTP-Header (u.a. x-ms-client-request-id) und umfangreichen Daten in Cookies, wobei auch da Inhalt und Zweck zu beschreiben sind.

Der POST-Content liegt in der Datei *Content-Beispiel-5.data* vor.

POST https://emea.flow.microsoft.com/providers/Internal.Telemetry/collect HTTP/2.0	
:authority	emea.flow.microsoft.com
user-agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
accept	*/*
accept-language	de,en-US;q=0.7,en;q=0.3
accept-encoding	gzip, deflate, br
referer	https://emea.flow.microsoft.com/manage/environments/Default-148f187d-13c9-4f92-b7bc-70dc9bb3ec85/flows/new?parameters.odbc.folderPath=%2F&ExpandConnectionWizard=true&utm_source=one_drive_for_business&utm_medium=odbc_web&utm_campaign=odbc.doclibintegration&gallery=public&template=433d461161dd4a03a071b08f3bd83f81&connection.shared_onedriveforbusiness=shared-onedriveforbu-7a8b47da-5b51-44a1-83d0-fe84-2d204c33&connection.shared_office365users=shared-office365user-24ec2fe1-c4da-4898-963b-a284-b5839790&connection.shared_office365=shared-office365-c40d3a89-12fd-4000-97b7-0394-bbecf80a
content-type	application/json
x-ms-client-request-id	512e35e2-405d-498a-a3b3-cad0-f61b7f65
x-requested-with	XMLHttpRequest
content-length	276377
origin	https://emea.flow.microsoft.com
te	trailers
cookie	MC1=GUID=9eb568e1cb3b46c291e1b805a1d478bf&HASH=9eb5&LV=202009&V=4&LU=1601392157496; MS0=744ecce66e4f419988dc3e5137e5a18b; flowsessionid=07498c0ed59648f5981e4b56bfd4f073; .AspNet.Cookies=chunks:2; .AspNet.CookiesC1=MIIWkQYJKoZIhvcNAQcCoIIWgJCCFn4CAQExDzANBglghkgBZQMEAgEFADCCFJMGCSqGSIb3DQEHAaCCFIQEghSAMIIUfAYJKoZIhvcNAQcDoIIUbTCCFGkCAQAxggHAMIIIBvAIBADCBzCBizELMAkGA1UEBhMCVVMxEzARBgNVBAgTCldhc2hpbmd0b24xEDAOBGNVBAcTB1JlZG1vbmQxHjAcBgNVBAoTFU1pY3Jvc29mdCBDb3Jwb3JhdGlvbjEVMBMGA1UECxMNTWljcm9zb2Z0IE1UMR4wHAYDVQQDExVNaWVyb3NvZnQvSVQvVExTIENBIDQCEXVACr0hFc4KCGYM-0gAAAAKvSEwDQYJKoZIhvcNAQEHMAAEggEAAgt2sCmeQq9SYFbdgCuRHdL92XRCzv_rqBa2Wt1uDErAQQGhDv6bChako4d3wUofUKuA08_Wm_z7p620WfBRka6mwRD299N_Bgu48Yv3F1GRG-h4QOL_d89tN7g6QX-nr8silejFMcColUd-e50AaV9JYf4asw1_L1b2KneztBJpwYUCZxe2y8ZYL5fFRYXThJIM9J1m05EK_Z1CdTKvTGaFqozXaWbw9jr1AemIEeA472UYUBR8t_mizSq_AtFhBTXNL5aM3CijcthYVGd2mWp3PYfRgQSajHVWX9NIaQ5K1_mc2vu_XQRjsxTpYFM4TP2Kwg_Oa8Sd-d2Na0bjijCCep4GCSqGSIb3DQEHATAAdBgIghkgBZQMEAQIEEDHvkBhusAvpct2hAYcE6GmAgHjWnWeG46UPD-365kwUTMCwMLdzGt_3dh3De-BE392Zanm6Qr7rLbpyOSym4-

Beispielhafte Datenflüsse

<p>TJ4BLH4OR3S0yR4KCXEM0i1tGEgA3suV3ORRR4nGJGXY_cMvYyKcZLx6XpwZ5_2 D5mOxJ5J4C8EpJEWiKR1_ZEHP7stxNJ9QQto5fErFN8LEL_UFR11of0C01wQHak PAMhY2DOF48PSubUFwt9hvGv6ozIXCUyR0w8_H6ILXW9P_0BM20iYvNpEHFhE9W sz66Gy_Eo9_a07dRBitKSXDqT6jY74UAmtF9M4GaNaywHaJ0zR2YGnF8nnIEM- Toi6BvUEJQLOX9JQYTeHPhSngFqB9xtDM0jyJXZFsAt4byqFnY- dVAodKdAxVL9fFzflZ-- Ucu6mrjJOnMEgigdEcduU6H6ewD9mM4rWHDcfz9qDpwY8cAQHZeHLey4v3XTIBv 4NARGIJX01S_q1kYuiIcuDCR-JpB- yLTmbvaNrERzf1UZqDpgppowxRAHGeEsE9Waji3dfkPnuSUD5uACh68eHyZcmtjB WdS9d0647OVkzhofBJwtIYLuGJsXLMGIVjo2jhmug-5aPkvY9Arwpz74VC- IiedrWhAMA2FjAlUKPN2xKi86rmw5Tu7aDKIji7recoVE1bs65vsZmviSCzthil JVKG- tUsvx3U4nwgq7oTlyiIrsYUOD2HUVJ6oQWKUP9FiK_Q73NYKc3loJRqJm2PPT3f kbLqexCpxIyvHs3CVshgj- FFM9IeE16NzTmMvmzQ46t1oa5dkL8GJLVKDYEs0ATtyMTNU- Hr5pwNxAUK_39W7ya94ndLQMXxvzV2kIsNZyOyJsDYTzgi1ksUBsENitsIG04ZD HMko3m-0S9TsCJV90VRK8qLSaB018aBne1Ro8r2qCI- BaxxMSmMHDg4TU16zymEC0Aw1lagv9Vw17CbajusHSn9SGCjfr0MQlubwYc7gpC 94Vyu9D6VtBpeNn6S4k01IqE71GFyKf_9NCjeIuuC- qWvFRcFas99wFXctabCowmgAdytSiAQ1CbK4fs_ph2B9V1YjwszvDGarPXvbAaM UG3ekhghJVSzBTA3E12I1GX1BZU9QGqYiGsckv- gk8HXuR8aAVj5vj6Y5Kyh5J3af- 23GVCbisXV7CJXtvFUpZ6yRKUvCZ8pVrHNwbjPMmX45P6J7ifW28UreAutWZV6G bbyQdcsvBlRTiI7-xc_s_-FqYQ4LjUJ9RRXN_YFxbUubkZvsFqZ3S_mYa- YBvBn0fGnDKBP1N4QtFHwV_ioZcBfbKsLLaziHQFWLFCMByLCVUF74vBi_1f3cv j5fXsPNoxKr1w-HL0wsFiaoeffoN- 28GHPbyom8p_p10AjE2vFjn7oKgWhNLtojiqYndPh9YYO_TKd5j3f_qB5gP9CGV JoK9DJB0dym09bxpyFkAx4WkrQEf5nXVExoQmyWmwY3aewk5K0YXQofbHvNMHc RnmIVVH7D1DQFhMYQSEmOUIzyUR55M10DSGPH1f71sNA4ULhTOSjr9NspFLhbCE 3aHWh190AeYZ1ONXX9Tq1909VUt8vQABnAOW- Kcsq5L4bkiGwPGabwQrfyiTEuoXNbWjLinGC2mvHP86W2ekKiJ- 3PIC9q6M33UW93YBgioTDpZafD- JMXG59sT6BPEpccEC5SJqh_1bsPFS1lvzxGquHXFek41H1HvK6W9jNMWmKi- ufPVv- yTUGfnmU6Ky2TaoPhQIGLI9vAuOoeL1uINnfPOC18ebEQDgzonM9MkqWnRd8_24 I9c92B32dvKevS8wD5mmRS5ts7o4okd5OzibB4f6f76iuM8TP9F_AhhyK4Y3bWl -igt5VjFkRVY1UtHF6fXEmEaKwW9CgAYKpx0QU- 2fFgiG0dGvuqOKMkv7V7ayjd8JPyt_XMUBJDy6XHNwJLDWlZ6Ec6T0icCteQTxM Ek1WddEkmeK1XEiq142JBs- yOg4Js8opbjkFgq6GH3CnuE_K9uNt5p9B4wMguDG2eJMue1GU- _T2pwfDgVHydDyrzmgpJAtkT0T2UBrsznIqe7cEPTkSxM3x71fFgFNe3k6SGACj pAxADJN8D8GLNpaTPvcqZFHHiPQ5hmEqPcSuMna_3riwPCZFXt4xgnNmYNlZ7e4 veiTve5me_ru17NYvLE0e1m85_iOUATPg- KCSGwMHhbQTbcS0082GP9wXrFVT7wjad-0PrVxkPZ1e- _3fwn4AySw7NE7LM7EfmC7Y0k1BORqDHmX_nv-br6_0py4c635- TaQ3iUC8s30G_M0cw1JrSrvr6vtkk49ygmZ0ZK1R1kA9xuVvg4ZvTMjj6xdIRq 9pLimZSrEBrIcDX2coeaN_fc0bdFus7wilDvLvvHsIR0g5mb6sMRkRwiMnyXB7P xGvsBrDpJ875-oYeLQJp9DfCKIKuqfcpp-53-8ewI5PtdGbDWZzy4Bf- Y_F_MsNYcR4CrjqB1BSInIwwU-DlM0pre-Tfh- COWQS1fn4w6dCPlGuvrJXs1CPb4xzNuRPI1BCv- Exxrc5KRiqraaDWLcwhVBrBpTwJW3N3zlv9Z1ztJpFyOFM1TxTFCjaM7b- SWFQzCqpcfy8wNN_ZII81378FuTM1wT8vU6_LkqEPToBAI2_jcXSKUCCshDVnLZ HnLtwP- N0XDSvu_SmYDHCPgALClzhPyKN9Gjs48X8LtAJJxmD8An2sZ_bVYfjNHYQ_bBoT 3LSuW81SCJvcFNGbC_EnoU_UNmMK9msc2xztTxAqOASCEd2JJN3YV8j31D2uPy qMPh9YQZJgiITFXNnRh1v7SgGxIH7_Pf0a3jMC2VGDu_wbGsTxca3B0m9SpE- YuxOrESEhDuqVs8F2e3Zr14IdA-vpXjh60iP_UXciD7kgSC-</p>

Beispielhafte Datenflüsse

YbmkltI1zAZfdl6Q_cKtSTAewCvV44RCEZXYE2ae3Ss4nfDV2og-
zDvy0kam3kQfhUyTScb1av54f11fwVfHxHNGj4yQZB3poe-UEymNkfwOqEn-
lkIFL0ECREXrEdSYLXewpTwr9peyV-IiAM-eTawcl8t-
SkqvndqeFw06x0PIpDecHWURm0JhU23iUzSeoDKfI5CN7eBor6Tu148vqMLBhx
dRoogzdux-gKQBMH71sKUEKd0_mmtgLDfDqmwsBNdn6uM-
e5D2vg1IrQQ0FBeD_3ihdm97; .AspNet.CookiesC2=p0dfu8mK9D4H0uuMekE
xWf0x3DVA9ymjc9UJGHkYhsZzmp5xn_bYWmsPCOIrPFF-
4Aj8ET4KubY4xYW_VwXXcNEFAwXarIokZSnsQ7oEbwCds24wQuMr3HqJ00LV1Zz
gbrwFw_Pd1uuXzbdXeZAoCfcINZSz0PNnMF2Uk46rf0m4I55Jc756x61GpYvm_n
QtK6q1BTEZFbzmc6ucY--c18L8R4MLgUcYF_T4E3GTQvbjrtV0KtI--
7WixqPPaRBydCu-X83WfI59DKVFnd5SXHnQqiFQBZEgc0zropUOCCLOjwQ1U9-
EGUYP_jneaXL_aVMWN4_0SHCF68LZeDSJ3Q1DyNUI30hha3mjxsN7HUKBKCUMDV
AgTr27uQhZzMbAJr1wMI8vQw1GJJWARSb1Qz0GymVSYIOR0BeILRge521Qyyqp1
2MqUAel0oEMC3HhsqNztom90bi99cqVv0ENkmiP1iYPv-
JB5iqBQfK0mnHa9TLWkw7NPyc6mCgVevfEVpzo91IHrZ0nwKdrf0prYU_rD16In
p-0f70Bc_t4mCtkmVaBkP7F-7z40GMCT7qVdd1WZorwkTbS3dCKowth-
Qqw_hqMa020Bi-
4Q7CIkv3C39zofTZbsNuBFpZnJUvEMSC9HF5A6hJGkZmodBCombGTi0d80TW3qF
7CS1eFbv50W0035weHqOzIPFw-
uCcG9DdNX45d_vPj_H3iXxYmg8cbwxybecLyDL4JcfMy1BFN18USTvnQNHUKbqS
J2GPPfv61FTNqmNDSoZ0y3pzqN0adr6DTyRNASC067ojI0_VMK-
0057UzNgSaTewg4kPkU3GeDJ9QV3WglcMvp8bwZ1QB8zLFIOMK6uVoBJmqx8J2Y
jMB5ZJVd36wehJJR1loqBAIzmx9gBb5gR0bD3UQ1F4CbfxCXghgr2yR8wgHkN
CwFtZ4KZLZCPRfTalGp7jZPp8xe0Xeq6fwt_NbaUBiNVM4B-
TKntwJSBBfAaE3Mj_Lw1nMYkRgZVqzzf0D0rnAZDI76iu7I-
4zbwI8qtD65cUS95XrddMMJ3LL5XUFgPYwCGSK7mu3Rd5osKOYKfxtR9V3UUjM4
CLF61oxfjVnNAU-nwMwQf74PShtduDY7y7oKy_y-
caN3AOTMU6eY1e30su3GHlffTzRe4vG8iMRjtQeu3YSDX-
fZn_cGxdoQxYomdlwQM5HbKKq6VPPbgc6nipNfNj1SN0x-
cN6yxdiozS0myalwz6Bm1QfhFHryvxm1p_wtr06H95HsrnbcqMFNiWScCuREFw
IYofFptWA06Kpg3raWhCIuBgCtubCeZG0GVUQbGGUM7Zg7_cBkWiUuhzKZgvYjX
8purXDjg5pj-92B9fEgywuxA5cfjcd3Zyz-VWKIRoxS9WQjIffd-
0mxz__2d0h7CP57xvMamLRrGypalZbhCa1y_qFBNf9uR0x4fQr1Hdjff3zz6EHC
sakdSPMZShoE9VekTMkYQvf-
lEMexx4GN7oySeVnNe8F8XxVIOJf6js9dba4gbgZ9Ym_OphbPPJF5jocU2bmTeR
SXp0LYhLSLXM1heY_QrnVnEQ7Mua3mkSYcsTUjL6XYpq18uir0CK-
oZpCH0cGBdlnHDJ75BavXblaiktRSSsrrh9VnJB59ZXQmz24bVGxUz3bE4ud0PV
o3XHzF22cbLYMUii9jzRjUKTQRMYY1kE4yP1jikvFweIuL2ReE_lifKhNGRNxyZ
y3Qngdzfi9f9eUGD6jmI7FX2WTNdyW13IL121xIuQdcQMrwImW2GyaiekpUk6u
gnJ5zXJcDZZluyNicfeM36FP8CW0eSt2SRwuh7sMGFNSwOutWvYEbHZgI_N7UV4
6jPR9o2937IbA2yubpe6aw91WkSQyqvxE5FwwKFdjRVnPzzBpHsAB0-
Yoafv1aI3D0LsLgb0jEIGTNNG1hnTTNBx_1lRPcINePM1mZWn-
KKFZXeMBy9UNVidh0Vgfmnk1bIQNFPRQABskZNQLn_ASiiTi5f_NtjCrAaEXqc
tHKr7ytnH51jKYWU4gM50UMq_qPbnJkzG8uSa5nHzKFIUtnkXFa619ZXG8y1SP2
6xx7Cy4gd8dIbXk1UmSxa0kjwsygbNiiEHnFEHqDfjtvZ0odIJKy2CMazx0T7Fy
sSKHhKXFwcielV3WsDjlaMesdwzMVdnggONIQarvR6D_2Ht-
PDBSeRz0UY0dU6IknG8-jjXldhyQP-
rI2uIpu3c_EMbGtmqx82TD7G0fgB6eNuVj-
vnlr0yigA8xrqoOSBW4DSw6vB2NajefciBwZNDpU0ueoXJha_XbQ88gceQkpomb
KUHySnNaUlnPpMjqKaPXNs4mjYwW2polZpiEJTZGNncI1aBtaG9qb234RfFabra
JV9aNmCndgzv7MEMw_mkrePx6GJBnp6MUuWvWEzIgoa9-
F69FRFB53azeKinT9Ywh9UfB6ZVJ00KbljrHhPKXKBatbJ59RK67Lkw8HQKCKmw
S6gPDMB0SVYNx_5XEmhWo19DUdI3S2d1VjpsIC7q_iSLV1LD1dFVEzqb6vT0jHg
oarM6bX93DX2kHNw-9ixkiUWoNOKSZn0sGrwQvClHxMQLm5odYyLFAAn-
OYnVV1roZcodBa-
3YqHUBaXpF7bI23c083UDCyK5pae0c_YijY5xnpa0IkfoUfNXkHFy4CcYcfYy_N

Beispielhafte Datenflüsse

	DZ2xaVKB_XeE2NMbgZE8ezJn9YUgzoY9X1wH119y_dnpsnQGh60xfKQXdCd90wXzh14TI36XGaPzowu-zznShaqrRfSsPZ36Pb-MX32FjzcQUEzvVlrT54G0jNCp2hA9G01hSv7EaoDMEizV8n3INY_HKRMt-NRE1Y2ze1Tw9n_4baoH-uAHfBdDI5s5jbYSkP330p3EVkEsmdpSCx32aK9FuB_2_U0xq4Fz8FPofypawm6uZLTGebZcp8S-IcwFU2pIg-ZoDyvrKxtvHOY5WkZbv1vvYJUXZfOnw_fr25teqF4BpfIYKvD0zv1uzPpXcmn5F-6iPzqcLwFJs1YiKv_KQrRnISQvbZKJzruXv1TzXNKnk6p3frpN-qhWNGO1CdA7LpYcFVNieU235rDGCAC8wggHLAgEBMIGjMIGLMQswCQYDVQQGEwJVUzETMBEGA1UECBMKV2FzaGluZ3RvbWVjZQMA4GA1UEBxMHUuVkbw9uZDEeMBwGA1UEChMVTW1jcm9zb2Z0IENvcnBvcmlF0aW9uMRUwEwYDVQQLEwxNaWNYb3NvZnQgS VQxHjAcBgNVBAMTFU1pY3Jvc29mdCBJVCBUTFMgQ0EgMgITIAAMAc6X4I0_FH6B1wAAAAwBzjANBglghkgBZQMEAgEFADANBgkqhkiG9w0BAQEFAASCAQAP0PDMZ_BK7c5qDZvXyKoforkcvKoYVz_NQuTZQw1E-KmDbXgop3FGHzs8XDT8-sbmipUzrnocGTZVr1E48KcLv0-vsN5D5-qhbCyu-Tuwks1PY1jpn2PzdWC2Ftw2uoGNkY0b2m-rwLUju0-L18XdB9qHN3YY9MEw720Cb0oz3_NdbwTut3b_HhnHSLBHuR7mI2fwa2Bd_xYBQOfR5-aEpgm5UydDVT11Cp9JhktzJ1RwayDAo0qd9Pjm_wZCmq4yrD2iecjfHUQnkCu2IxMsL1aeTyBmod_IzuUzcc1A9SRPFH6CnfEN7Fidg3Qaqj2LvsGKkPMKaxATjLgxfLmc;MSFPC=GUID=9eb568e1cb3b46c291e1b805a1d478bf&HASH=9eb5&LV=202009&V=4&LU=1601392157496
--	--

Beispiel 6

Beispiel mit Daten im Bond-Binär-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-6.data* vor.

```
POST https://teams.events.data.microsoft.com/Collector/3.0/?qsp=true&content-type=application%2Fbond-compact-binary&client-id=NO_AUTH&sdk-version=ACT-Web-JS-2.5.0&content-encoding=base64&x-apikey=bc3902d8132f43e3ae086a009979fa88-632130b2-9455-44a6-80e2-d7457b6eb8ca-7193 HTTP/1.1
```

Host	teams.events.data.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://teams.microsoft.com/statics/hashedjs/webworker-ee1c445.js
Content-Type	text/plain;charset=UTF-8
Content-Length	178936
Origin	https://teams.microsoft.com
Connection	keep-alive

```
qsp: true
content-type: application/bond-compact-binary
client-id: NO_AUTH
sdk-version: ACT-Web-JS-2.5.0
content-encoding: base64
x-apikey: bc3902d8132f43e3ae086a009979fa88-632130b2-9455-44a6-80e2-d7457b6eb8ca-7193
```

Beispiel 7

Einfaches Beispiel.

Der POST-Content liegt in der Datei *Content-Beispiel-7.data* vor.

POST https://web.vortex.data.microsoft.com/collect/v1 HTTP/1.1	
Host	web.vortex.data.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://myaccount.microsoft.com/
Content-Type	text/plain; charset=UTF-8
Content-Length	481
Origin	https://myaccount.microsoft.com
Connection	keep-alive
Cookie	MC1=GUID=9eb568e1cb3b46c291e1b805a1d478bf&HASH=9eb5&LV=202009 &V=4&LU=1601392157496; MS0=6c635cc71c7746b7b7f264ba86a1a029

Beispiel 8

Beispiel bei der Account-Seite.

Der POST-Content liegt in der Datei *Content-Beispiel-8.data* vor.

POST https://web.vortex.data.microsoft.com/collect/v1 HTTP/1.1	
Host	web.vortex.data.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://myaccount.microsoft.com/settingsandprivacy
Content-Type	text/plain; charset=UTF-8
Content-Length	8134
Origin	https://myaccount.microsoft.com
Connection	keep-alive
Cookie	MC1=GUID=9eb568e1cb3b46c291e1b805a1d478bf&HASH=9eb5&LV=202009&V=4&LU=1601392157496; MS0=20e4c0d18d934514b77e90bf1bfc8c40

Beispiel 9

Bei Aufruf der Account-Seite.

Der POST-Content liegt in der Datei *Content-Beispiel-9.data* vor.

```
POST https://browser.pipe.aria.microsoft.com/Collector/3.0/?qsp=true&content-type=application%2Fbond-compact-binary&client-id=NO_AUTH&sdk-version=AWT-Web-JS-1.8.6&content-encoding=base64&x-apikey=f9f6c06d4c204b45aa13099bd1f9b69b-9d1bff53-3bdb-49da-8075-4f0fb6c9465e-7504&client-time-epoch-millis=1602340950991&time-delta-to-apply-millis=1470 HTTP/1.1
```

Host	browser.pipe.aria.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://myaccount.microsoft.com/
Content-Type	text/plain;charset=UTF-8
Content-Length	7080
Origin	https://myaccount.microsoft.com
Connection	keep-alive

```
qsp: true
content-type: application/bond-compact-binary
client-id: NO_AUTH
sdk-version: AWT-Web-JS-1.8.6
content-encoding: base64
x-apikey: f9f6c06d4c204b45aa13099bd1f9b69b-9d1bff53-3bdb-49da-8075-4f0fb6c9465e-7504
client-time-epoch-millis: 1602340950991
time-delta-to-apply-millis: 1470
```

Beispiel 10

Bei Aufruf der Datenschutz-Seite auf der Account-Seite.

Der POST-Content liegt in der Datei *Content-Beispiel-10.data* vor.

```
POST https://browser.pipe.aria.microsoft.com/Collector/3.0/?qsp=true&content-type=application%2Fbond-compact-binary&client-id=NO_AUTH&sdk-version=AWT-Web-JS-1.8.6&content-encoding=base64&x-apikey=f9f6c06d4c204b45aa13099bd1f9b69b-9d1bff53-3bdb-49da-8075-4f0fb6c9465e-7504&client-time-epoch-millis=1602342149185&time-delta-to-apply-millis=1470 HTTP/1.1
```

Host	browser.pipe.aria.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://myaccount.microsoft.com/settingsandprivacy/privacy
Content-Type	text/plain;charset=UTF-8
Content-Length	30308
Origin	https://myaccount.microsoft.com
Connection	keep-alive

```
qsp: true
content-type: application/bond-compact-binary
client-id: NO_AUTH
sdk-version: AWT-Web-JS-1.8.6
content-encoding: base64
x-apikey: f9f6c06d4c204b45aa13099bd1f9b69b-9d1bff53-3bdb-49da-8075-4f0fb6c9465e-7504
client-time-epoch-millis: 1602342149185
time-delta-to-apply-millis: 1470
```

Beispiel 11

Telemetriedaten im Bond-Binär-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-11.data* vor.

```
POST https://teams.events.data.microsoft.com/Collector/3.0/?qsp=true&content-type=application%2Fbond-compact-binary&client-id=NO_AUTH&sdk-version=ACT-Web-JS-2.5.0&content-encoding=base64&x-apikey=bc3902d8132f43e3ae086a009979fa88-632130b2-9455-44a6-80e2-d7457b6eb8ca-7193 HTTP/1.1
```

Host	teams.events.data.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://teams.microsoft.com/statics/hashedjs/webworker-ee1c445.js
Content-Type	text/plain;charset=UTF-8
Content-Length	8276
Origin	https://teams.microsoft.com
Connection	keep-alive

```
qsp: true
content-type: application/bond-compact-binary
client-id: NO_AUTH
sdk-version: ACT-Web-JS-2.5.0
content-encoding: base64
x-apikey: bc3902d8132f43e3ae086a009979fa88-632130b2-9455-44a6-80e2-d7457b6eb8ca-7193
```


Beispiel 12

Telemetriedaten im Bond-Binär-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-12.data* vor.

```
POST https://teams.events.data.microsoft.com/Collector/3.0/?qsp=true&content-type=application%2Fbond-compact-binary&client-id=NO_AUTH&sdk-version=ACT-Web-JS-2.5.0&content-encoding=base64&x-apikey=bc3902d8132f43e3ae086a009979fa88-632130b2-9455-44a6-80e2-d7457b6eb8ca-7193 HTTP/1.1
```

Host	teams.events.data.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://teams.microsoft.com/statics/hashedjs/webworker-ee1c445.js
Content-Type	text/plain;charset=UTF-8
Content-Length	87140
Origin	https://teams.microsoft.com
Connection	keep-alive

```
qsp: true
content-type: application/bond-compact-binary
client-id: NO_AUTH
sdk-version: ACT-Web-JS-2.5.0
content-encoding: base64
x-apikey: bc3902d8132f43e3ae086a009979fa88-632130b2-9455-44a6-80e2-d7457b6eb8ca-7193
```

Beispiel 13

Telemetriedaten im Bond-Binär-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-13.data* vor.

```
POST https://teams.events.data.microsoft.com/Collector/3.0/?qsp=true&content-type=application%2Fbond-compact-binary&client-id=NO_AUTH&sdk-version=ACT-Web-JS-2.5.0&content-encoding=base64&x-apikey=bc3902d8132f43e3ae086a009979fa88-632130b2-9455-44a6-80e2-d7457b6eb8ca-7193 HTTP/1.1
```

Host	teams.events.data.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://teams.microsoft.com/files/apps/com.microsoft.teams.files/files/files/2845982024/open?agent=postmessage&objectUrl=https%3A%2F%2Fdbpbw-my.sharepoint.com%2Fpersonal%2Fkmdsfa-testaccount-1_bw_schule%2FDocuments%2FDokument.docx&fileId=2744b82e-fa18-4228-85ad-93702b44f772&fileType=docx&userClickTime=1601582645070&ctx=recent&scenarioId=241&locale=de-de&theme=default&version=20200903044&setting=ring.id:general&setting=createdTime:1601582645150
Content-Type	text/plain;charset=UTF-8
Content-Length	22240
Origin	https://teams.microsoft.com
Connection	keep-alive

```
qsp: true
content-type: application/bond-compact-binary
client-id: NO_AUTH
sdk-version: ACT-Web-JS-2.5.0
content-encoding: base64
x-apikey: bc3902d8132f43e3ae086a009979fa88-632130b2-9455-44a6-80e2-d7457b6eb8ca-7193
```

Beispiel 14

Telemetriedaten im Bond-Binär-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-14.data* vor.

```
POST https://browser.pipe.aria.microsoft.com/Collector/3.0/?qsp=true&content-type=application%2Fbond-compact-binary&client-id=NO_AUTH&sdk-version=AWT-Web-JS-1.8.6&content-encoding=base64&x-apikey=21d9f63f7fbc4707beb42a3e1e4917be-40627a7f-071b-46d1-9227-3715668b8b52-7162&client-time-epoch-millis=1601578505589&time-delta-to-apply-millis=3548 HTTP/1.1
```

Host	browser.pipe.aria.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Content-Type	text/plain;charset=UTF-8
Content-Length	14344
Origin	https://www.office.com
Referer	https://www.office.com/
Connection	keep-alive

```
qsp: true
content-type: application/bond-compact-binary
client-id: NO_AUTH
sdk-version: AWT-Web-JS-1.8.6
content-encoding: base64
x-apikey: 21d9f63f7fbc4707beb42a3e1e4917be-40627a7f-071b-46d1-9227-3715668b8b52-7162
client-time-epoch-millis: 1601578505589
time-delta-to-apply-millis: 3548
```

Beispiel 15

Telemetriedaten im Bond-Binär-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-15.data* vor.

```
POST https://browser.pipe.aria.microsoft.com/Collector/3.0/?qsp=true&content-type=application%2Fbond-compact-binary&client-id=NO_AUTH&sdk-version=AWT-Web-JS-1.8.6&content-encoding=base64&x-apikey=3de4087d4de34817b1c376e3d1e6e293-983c4292-5ba9-485a-ab10-9797863c788b-6770&client-time-epoch-millis=1601580779528&time-delta-to-apply-millis=363 HTTP/1.1
```

Host	browser.pipe.aria.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://euc-powerpoint.officeapps.live.com/
Content-Type	text/plain;charset=UTF-8
Content-Length	21876
Origin	https://euc-powerpoint.officeapps.live.com
Connection	keep-alive

```
qsp: true
content-type: application/bond-compact-binary
client-id: NO_AUTH
sdk-version: AWT-Web-JS-1.8.6
content-encoding: base64
x-apikey: 3de4087d4de34817b1c376e3d1e6e293-983c4292-5ba9-485a-ab10-9797863c788b-6770
client-time-epoch-millis: 1601580779528
time-delta-to-apply-millis: 363
```

Beispiel 16

Telemetriedaten im Bond-Binär-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-16.data* vor.

```
POST https://browser.pipe.aria.microsoft.com/Collector/3.0/?qsp=true&content-type=application%2Fbond-compact-binary&client-id=NO_AUTH&sdk-version=AWT-Web-JS-1.8.6&content-encoding=base64&x-apikey=56468f6991c348029c6bba403b444607-7f5d6cd1-7fbe-4ab1-be03-3b2b6aeb3eb4-7696&client-time-epoch-millis=1601584351027&time-delta-to-apply-millis=973 HTTP/1.1
```

Host	browser.pipe.aria.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Content-Type	text/plain;charset=UTF-8
Content-Length	4540
Origin	https://outlook.office.com
Connection	keep-alive

```
qsp: true
content-type: application/bond-compact-binary
client-id: NO_AUTH
sdk-version: AWT-Web-JS-1.8.6
content-encoding: base64
x-apikey: 56468f6991c348029c6bba403b444607-7f5d6cd1-7fbe-4ab1-be03-3b2b6aeb3eb4-7696
client-time-epoch-millis: 1601584351027
time-delta-to-apply-millis: 973
```

Beispiel 17

Telemetriedaten im JSON-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-17.data* vor.

```
POST https://browser.events.data.microsoft.com/OneCollector/1.0/?cors=true&content-type=application/x-json-stream&client-id=NO_AUTH&client-version=1DS-Web-JS-2.4.2&apikey=7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830,ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045&upload-time=1601583498557&w=2 HTTP/1.1
```

Host	browser.events.data.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://euc-word-edit.officeapps.live.com/
Content-Type	text/plain; charset=UTF-8
Content-Length	11176
Origin	https://euc-word-edit.officeapps.live.com
Connection	keep-alive
Cookie	MC1=GUID=9eb568e1cb3b46c291e1b805a1d478bf&HASH=9eb5&LV=202009&V=4&LU=1601392157496; MS0=744ecce66e4f419988dc3e5137e5a18b

```
cors: true
content-type: application/x-json-stream
client-id: NO_AUTH
client-version: 1DS-Web-JS-2.4.2
apikey: 7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830,ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045
upload-time: 1601583498557
w: 2
```

Beispiel 18

Telemetriedaten im JSON-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-18.data* vor.

```
POST https://browser.events.data.microsoft.com/OneCollector/1.0/?cors=true&content-type=application/x-json-stream&client-id=NO_AUTH&client-version=1DS-Web-JS-2.4.2&apikey=7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830,ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045&upload-time=1601583603091&w=2 HTTP/1.1
```

Host	browser.events.data.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://euc-word-edit.officeapps.live.com/
Content-Type	text/plain; charset=UTF-8
Content-Length	17882
Origin	https://euc-word-edit.officeapps.live.com
Connection	keep-alive
Cookie	MC1=GUID=9eb568e1cb3b46c291e1b805a1d478bf&HASH=9eb5&LV=202009&V=4&LU=1601392157496; MS0=744ecce66e4f419988dc3e5137e5a18b

```
cors: true
content-type: application/x-json-stream
client-id: NO_AUTH
client-version: 1DS-Web-JS-2.4.2
apikey: 7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830,ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045
upload-time: 1601583603091
w: 2
```

Beispiel 19

Telemetriedaten im JSON-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-19.data* vor.

```
POST https://browser.events.data.microsoft.com/OneCollector/1.0/?cors=true&content-type=application/x-json-stream&client-id=NO_AUTH&client-version=1DS-Web-JS-2.4.2&apikey=7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830,ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045&upload-time=1601583307155&w=2 HTTP/1.1
```

Host	browser.events.data.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://euc-word-edit.officeapps.live.com/
Content-Type	text/plain; charset=UTF-8
Content-Length	29592
Origin	https://euc-word-edit.officeapps.live.com
Connection	keep-alive
Cookie	MC1=GUID=9eb568e1cb3b46c291e1b805a1d478bf&HASH=9eb5&LV=202009&V=4&LU=1601392157496; MS0=744ecce66e4f419988dc3e5137e5a18b

```
cors: true
content-type: application/x-json-stream
client-id: NO_AUTH
client-version: 1DS-Web-JS-2.4.2
apikey: 7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830,ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045
upload-time: 1601583307155
w: 2
```


Beispiel 20

Telemetriedaten im JSON-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-20.data* vor.

```
POST https://browser.events.data.microsoft.com/OneCollector/1.0/?cors=true&content-type=application/x-json-stream&client-id=NO_AUTH&client-version=1DS-Web-JS-2.4.2&apikey=7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830,ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045&upload-time=1601582775755&w=2 HTTP/1.1
```

Host	browser.events.data.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://euc-word-edit.officeapps.live.com/
Content-Type	text/plain;charset=UTF-8
Content-Length	11060
Origin	https://euc-word-edit.officeapps.live.com
Connection	keep-alive
Cookie	MC1=GUID=9eb568e1cb3b46c291e1b805a1d478bf&HASH=9eb5&LV=202009&V=4&LU=1601392157496; MS0=744ecce66e4f419988dc3e5137e5a18b

```
cors: true
content-type: application/x-json-stream
client-id: NO_AUTH
client-version: 1DS-Web-JS-2.4.2
apikey: 7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830,ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045
upload-time: 1601582775755
w: 2
```

Beispiel 21

Telemetriedaten im JSON-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-21.data* vor.

```
POST https://browser.events.data.microsoft.com/OneCollector/1.0/?cors=true&content-type=application/x-json-stream&client-id=NO_AUTH&client-version=1DS-Web-JS-2.4.2&apikey=ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045,7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830&upload-time=1602352215973&w=2 HTTP/1.1
```

Host	browser.events.data.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://euc-word-edit.officeapps.live.com/
Content-Type	text/plain; charset=UTF-8
Content-Length	19778
Origin	https://euc-word-edit.officeapps.live.com
Connection	keep-alive
Cookie	MC1=GUID=9eb568e1cb3b46c291e1b805a1d478bf&HASH=9eb5&LV=202009&V=4&LU=1601392157496; MUID=1A878EB8A0FB618823AB81EFA1296082; MS-CV=zb+gL4yHFUKGFB7C.1

```
cors: true
content-type: application/x-json-stream
client-id: NO_AUTH
client-version: 1DS-Web-JS-2.4.2
apikey: ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045,7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830
upload-time: 1602352215973
w: 2
```

Beispiel 22

Telemetriedaten im JSON-Format.

Der POST-Content liegt in der Datei *Content-Beispiel-22.data* vor.

```
POST https://browser.events.data.microsoft.com/OneCollector/1.0/?cors=true&content-type=application/x-json-stream&client-id=NO_AUTH&client-version=1DS-Web-JS-2.4.2&apikey=ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045,9783945ebc2b468fbb8a2890cdab903b-787355a5-74c8-4a89-b06a-9c82635d75fa-7162,7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830&upload-time=1602353982453&w=2 HTTP/1.1
```

Host	browser.events.data.microsoft.com
User-Agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
Accept	*/*
Accept-Language	de,en-US;q=0.7,en;q=0.3
Accept-Encoding	gzip, deflate, br
Referer	https://euc-word-edit.officeapps.live.com/
Content-Type	text/plain; charset=UTF-8
Content-Length	30156
Origin	https://euc-word-edit.officeapps.live.com
Connection	keep-alive
Cookie	MC1=GUID=9eb568e1cb3b46c291e1b805a1d478bf&HASH=9eb5&LV=202009&V=4&LU=1601392157496; MUID=1A878EB8A0FB618823AB81EFA1296082; MS-CV=zb+gL4yHFUKGFB7C.1

```
cors: true
content-type: application/x-json-stream
client-id: NO_AUTH
client-version: 1DS-Web-JS-2.4.2
apikey: ff7e2f12a4be407096fc01eeb760eda3-eeeb63cf-35d9-4734-ab45-66a873412359-7045,9783945ebc2b468fbb8a2890cdab903b-787355a5-74c8-4a89-b06a-9c82635d75fa-7162,7e7959aac92e41d6892c69a87259ed58-de5c63ef-10f5-45e1-bef2-d23e9cac2fab-6830
upload-time: 1602353982453
w: 2
```

Beispiel 23

GET-Request zu upload.fp.measure.office.com, keine POST-Daten, aber diverse Parameter via URL.

Da keine POST-Daten vorhanden sind, liegt zu diesem Beispiel auch keine Content-Datei vor.

```
GET https://upload.fp.measure.office.com/r.gif?MonitorID=0365se&rid=121f16787bf2a197a16ef02a7f83e3c1&w3c=true&prot=https:&v=20190214&tag=[{"TenantId":"148f187d-13c9-4f92-b7bc-70dc9bb3ec85","AppId":"Documents"}]&DATA=[{"RequestID":"5e53c469ee4d60aaea3ba5c86078d0c0","Object":"trans.gif","Conn":"cold","Result":1780,"T":128,"Rip":"222003:ce:8709:","Ep":"220SL","Fe":"22cafe"},{"RequestID":"5e53c469ee4d60aaea3ba5c86078d0c0","Object":"trans.gif","Conn":"warm","Result":364,"T":128,"Rip":"222003:ce:8709:","Ep":"220SL","Fe":"22cafe"},{"RequestID":"outlook.office365.com","Object":"trans.gif","Conn":"cold","Result":1079,"T":128,"Rip":"222003:ce:8709:","Ep":"22AMS","Fe":"22cafe"},{"RequestID":"outlook.office365.com","Object":"trans.gif","Conn":"warm","Result":720,"T":128,"Rip":"222003:ce:8709:","Ep":"22AMS","Fe":"22cafe"},{"RequestID":"atm-fp-direct.office.com","Object":"trans.gif","Conn":"cold","Result":2274,"T":128,"Rip":"222003:ce:8709:","Ep":"22FRA","Fe":"22cafe"},{"RequestID":"atm-fp-direct.office.com","Object":"trans.gif","Conn":"warm","Result":961,"T":128,"Rip":"222003:ce:8709:","Ep":"22FRA","Fe":"22cafe"}] HTTP/2.0
```

:authority	upload.fp.measure.office.com
user-agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:81.0) Gecko/20100101 Firefox/81.0
accept	*/*
accept-language	de,en-US;q=0.7,en;q=0.3
accept-encoding	gzip, deflate, br
origin	https://dbpbw-my.sharepoint.com
referer	https://dbpbw-my.sharepoint.com/
te	trailers

```
MonitorID = 0365se
rid       = 121f16787bf2a197a16ef02a7f83e3c1
w3c      = true
prot     = https:
v        = 20190214
tag      = [{"TenantId":"148f187d-13c9-4f92-b7bc-70dc9bb3ec85","AppId":"Documents"}]
DATA     = [{"RequestID":"5e53c469ee4d60aaea3ba5c86078d0c0","Object":"trans.gif","Conn":
```

Beispielhafte Datenflüsse

```
"cold", "Result":1780, "T":128, "Rip":"2003:ce:8709::", "Ep":"OSL", "Fe":"cafe"}, {
"RequestID":"5e53c469ee4d60aaea3ba5c86078d0c0", "Object":"trans.gif", "Conn":"w
arm", "Result":364, "T":128, "Rip":"2003:ce:8709::", "Ep":"OSL", "Fe":"cafe"}, {"Re
questID":"outlook.office365.com", "Object":"trans.gif", "Conn":"cold", "Result":
1079, "T":128, "Rip":"2003:ce:8709::", "Ep":"AMS", "Fe":"cafe"}, {"RequestID":"out
look.office365.com", "Object":"trans.gif", "Conn":"warm", "Result":720, "T":128, "
Rip":"2003:ce:8709::", "Ep":"AMS", "Fe":"cafe"}, {"RequestID":"atm-fp-
direct.office.com", "Object":"trans.gif", "Conn":"cold", "Result":2274, "T":128, "
Rip":"2003:ce:8709::", "Ep":"FRA", "Fe":"cafe"}, {"RequestID":"atm-fp-
direct.office.com", "Object":"trans.gif", "Conn":"warm", "Result":961, "T":128, "R
ip":"2003:ce:8709::", "Ep":"FRA", "Fe":"cafe"}]
```

Beispiel 24

Request auf gate.hockeyapp.net.

Der POST-Content liegt in der Datei *Content-Beispiel-24.data* vor.

POST https://gate.hockeyapp.net/v2/track HTTP/1.1	
Content-Type	application/x-json-stream
User-Agent	Dalvik/2.1.0 (Linux; U; Android 9; moto g(7) power Build/PC029.114-39)
Host	gate.hockeyapp.net
Connection	close
Accept-Encoding	gzip, deflate
Content-Length	5069

Beispiel 25

Request auf app.adjust.com.

Der POST-Content liegt in der Datei *Content-Beispiel-25.data* vor.

POST https://app.adjust.com/session HTTP/1.1	
Client-SDK	android4.20.0
Content-Type	application/x-www-form-urlencoded
User-Agent	Dalvik/2.1.0 (Linux; U; Android 9; moto g(7) power Build/PC029.114-39)
Host	app.adjust.com
Connection	close
Accept-Encoding	gzip, deflate
Content-Length	863

Beispiel 26

Request auf app.adjust.com.

Der POST-Content liegt in der Datei *Content-Beispiel-26.data* vor.

POST https://app.adjust.com/sdk_click HTTP/1.1	
Client-SDK	android4.20.0
Content-Type	application/x-www-form-urlencoded
User-Agent	Dalvik/2.1.0 (Linux; U; Android 9; moto g(7) power Build/PC029.114-39)
Host	app.adjust.com
Connection	close
Accept-Encoding	gzip, deflate
Content-Length	1048