

Imigomo ye-Google Drive yekufinyelela kudatha ye-restricted-scope

Lemigomo ichaza kufinyelela kwe-Google Drive lokucelwa yi-DynamicMail uma umsebentisi we-tenant noma umlawuli lonemvume axhuma i-Google Drive kumisebenti yemibhalo ye-tenant.

Ema-scope ekutatisisa nge-Google Sign-In lafana ne-openid, email, kanye ne-profile ahlukile kule mvume yekufinyelela kudatha ye-Google Drive. Kungena nge-Google akusho kutsi sewemukele kufinyelela ku-Google Drive.

Lombhalo awengeti seluleko semtsetfo lesitsite selive, awuguculi tinkhomba tekuphatsa idatha, futsi awufaki bufakazi bekugunyazwa ngumeluleki wemtsetfo.

Scope leceliwe

DynamicMail icela <https://www.googleapis.com/auth/drive> kuphela uma umsebentisi we-tenant noma umlawuli lonemvume axhuma i-Google Drive kumisebenti yemibhalo ye-tenant. Lena yi-restricted Drive scope lebanzi lengavumela DynamicMail kutsi ibuke futsi iphatse onkhe emafayela ku-akhawunti ye-Google Drive lekhunyiwe, kufaka ekhatsi emafayela umsebentisi lanawo, emafayela labelwane naye, emafolda, kanye nalokucuketfwe kwe-shared drive lokutfolakala kuleyo akhawunti.

DynamicMail kufanele isebentise le Drive scope kuphela kumaworkflow emibhalo ye-Drive lachaziwe nalabonakalako lakhethwe yi-tenant. DynamicMail akufanele icele, iphenye, ikopishe, ilandze, igucule, isuse, noma icubungule ngaleny indlela idatha ye-Drive lengahlobani neworkflow yembhalo we-Drive lebonakalako.

Idatha i-DynamicMail lengafinyelela kuyo

Uma i-Google Drive ixhunyiwe, DynamicMail ingafinyelela kudatha ye-Drive ledzingekako kuhlinzeka nge-workflow lekhetfwe yi-tenant, kufaka ekhatsi:

- ema-ID emafayela, emabito, tinhlobo te-MIME, checksums, bukhulu, timestamps, tinchazelo, emalebuli, tinkhomba tema-folda, emafolda langabatali, kanye naleminy imininingwane yemafayela;
- imininingwane yema-folda, imininingwane ye-shared drive, kanye nemiphumela yekusesha noma yekubala ledzingekako kutfola imibhalo ye-tenant;
- lokucuketfwe kwemafayela, previews, thumbnails, exports, downloads, uploads, kanye nema-payload emafayela lakhiwe noma lahleliwe;
- imininingwane yekwabelana netimvume lapho idzingeka kukhombisa noma kucedza sento sefayela le-Drive lesibonakalako;

- lwati lwelizinga le-akhawunti ye-Drive loludzingekako kucinisekisa i-akhawunti lekhuniwe nesimo sekuxhuma;
- emakhophi lagciniwe noma tikhishwe te-cache temafayela e-Drive langeniwe ku-DynamicMail;
- idatha lesuselwe kumafayela e-Drive, njenge-OCR text, tinkhundla tembhalo letiparsiwe, emalebuli ekuhlukanisa, imiphumela yekukhishwa, tifyeto, tehlakalo te-audit, kanye nemarekhodi emibhalo.

Kungani i-DynamicMail isebentisa idatha ye-Google Drive

DynamicMail isebentisa idatha ye-Google Drive kuhlinzeka ngemaworkflow emibhalo ye-Drive lakhethwe yi-tenant. Tihloso lethlosiwe ngileti:

- kuvumela basebentisi labavunyelwe kutsi baxhume i-Drive njengemtfombo wemibhalo noma indzawo yekuyigcina;
- kutfolo, kubala, kungenisa, kulandza, kukhipha, kulayisha, noma kuvuselela imibhalo yebhizinisi ye-tenant lekhetfwe ngekuhamba kwemkhicito;
- kukhipha, kuhlukanisa, nekurotha imibhalo ye-Drive kumaworkflow e-DynamicMail;
- kukhombisa simo sekuxhuma, sento sefayela, sync, nekucubungula kubasebentisi be-tenant labavunyelwe;
- kugcina emarekhodi e-audit nemalogi ekusebenta lakhombisa kutsi ngusiphi sento se-Drive lesacelwa futsi sacedvwa;
- kusekela troubleshooting, kuvikeleka, kuvimbela kuhlukunyetwa, kusingatsa tingxabano, kanye nemisebenti yekulandzela imitsetfo levunyelwe tinchubomgomo letisebentako nesivumelwano se-tenant.

DynamicMail akumele itsengise idatha ye-Google Drive, iyisebentisele kukhangisa noma retargeting, iyidlulisele kubatsengisi bedatha, iyisebentisele kugadza, noma iyisebentisele kunquma kutsembeka kwesikweleti noma kufaneleka kwekubolekwa.

Inothi nge-scope lebanzi nangema-scope lamancane kakhulu

I-scope <https://www.googleapis.com/auth/drive> ibanzi ngoba ingavumela kufinyelela kuwo onkhe emafayela e-Drive latfolakala ku-akhawunti lekhuniwe. DynamicMail kufanele iyiphatse le scope njengaleyesesikhashana kuze kube kubuyeketwa kwemkhicito nekuhambisana nemigomo kubhala kutsi kungani ema-scope e-Drive lamancane kakhulu engakwaneli ku-workflow lesetjentsiwe.

Ngaphambi kwekusetjentsiswa ku-production, DynamicMail kufanele ihlole ema-scope e-Drive lamancane njenge-drive.file, drive.readonly, drive.metadata.readonly, drive.appdata, noma drive.appfolder. Uma i-scope lencane ingasekela sici lesibonakalako, scope leceliwe, emarekhodi emvume, kulungiselelwa kwe-OAuth, source asset, asset lerenderiwe, kanye netivivinyo kufanele kuvuselelwe ngaphambi kwekukhululwa.

Kugcinwa

DynamicMail igcina idatha lesuselwe ku-Drive kuphela uma isadzingeka ku-workflow ye-Drive lebonakalako, etilungiselelweni tekugcinwa kwemibhalo ye-tenant, kumarekhodi e-audit, ekuvikelekeni, ekusingatseni tingxabano, noma ekulandzeleni imitsetfo. Ema-OAuth tokens kanye ne-Drive operation metadata kugcinwa kuphela uma kusadzingeka kusebentisa kuhlenganiswa kwe-Drive lokuxhunyiwe noma kugcina emarekhodi e-audit ladzingekako.

Lokucuketfwe kwemafayela e-Drive, emafayela e-cache, metadata, OCR text, tinkhundla letikhishiwe, kanye nedatha yembhalo lesuselwe khona kufanele kususwe noma kwentiwe kungasakhombi umuntfu uma kungasadzingeki ngenhloso lechaziwe, ngaphandle uma sibopho semtsetfo, kuvikeleka, audit, noma kugcinwa kwe-tenant sidinga kutsi kugcinwe.

Kususwa

Umsebentisi we-tenant noma umlawuli lonemvume angacela kususwa kwedatha ye-Google legcinwe ku-cache, emafayela e-Drive langeniswiwe, umbhalo lokhishiwe, kanye nemarekhodi emibhalo lasuselwe khona. DynamicMail kufanele isuse noma yente idatha leceliwe ingasakhombi umuntfu uma tilungiselelo tekugcinwa kwe-tenant kanye nemtsetfo losebentako tikuvumela.

Kususa emarekhodi langeniswiwe e-DynamicMail akusho kutsi lifayela lekucala liyasuswa ku-Google Drive. DynamicMail kufanele igucule, ihambise, ifake kudoti, noma isuse emafayela e-Drive ekucala kuphela uma umsebentisi lonemvume acele leso sento se-Drive ngalokucacile nge-workflow yemkchito lebonakalako, futsi leso sento sivunyelwe yinchubomgomo ye-tenant kanye nemtsetfo losebentako.

Kuhoxiswa nekuncunywa

I-tenant ingancamula i-Google Drive ku-DynamicMail. Ngemuva kwekuncunywa noma kuhoxiswa kwemvume yendzawo, DynamicMail kufanele iyekele kusebentisa ema-OAuth tokens lagciniwe e-Google Drive futsi iyekele kufundza, kubhala, kulandza, kulayisha, kugucula, noma kususa leminye imafayela e-Drive ku-akhawunti lexhunyiwe.

Umnikati we-akhawunti ye-Google angaphindze ahoxise kugunyazwa kwe-app etilungiselelweni te-akhawunti ye-Google. Uma kugunyazwa kwe-Google kuhoxisiwe, DynamicMail kufanele iyekele kufinyelela ku-Drive API lapho kuvuselelwa kwe-token noma ema-API calls kwehluleka, futsi kuxhumana kufanele kukhonjiswe njengalokuncunywe noma lokudzinga kuxhunywa kabusha.

Kuhoxiswa kwendzawo akususi ngokuzenzakalela imibhalo ye-DynamicMail leyangeniswa ngaphambilini. Lawo marekhodi aphaftwa ngemigomo yekususwa nekugcinwa lengenhla.

Kusetjentiswa kwe-AI, OCR, nekukhishwa

DynamicMail ingasebentisa OCR, parsing, kuhlukanisa, kufinyeta, kanye nalokunye kucubungula lokusitwa yi-AI kulokucuketfwe kwemafayela e-Drive nemetadata kuphela kuhlinzeka noma kutfutukisa i-workflow yembhalo we-Drive lebonakalako ye-tenant. Idatha ye-Drive nedatha lesuselwe kuyo akumele isetjentiswe kwakha, kucecesha, noma kutfutukisa imodeli ye-machine-learning noma ye-AI lejwayelekile ngaphandle kwesici lesicelwe yi-tenant.

Imiphumela lesitwa yi-AI ingaba nemaphutsa. DynamicMail kufanele ikhombise idatha lekhishiwe njengemphumela we-workflow labavunyelwe bangawubuyeketa, bawulungise, bawuvume, bawengabe, noma bawususe ngekuya kwekuhamba kwemkhicito.

Kusekelwa nekufinyelela kwebantfu

Basebenti be-DynamicMail, tisebenti letingaphansi kwenkontileka, noma subprocessors akufanele bafundze emafayela latsite e-Drive, umbhalo lokhishiwe, metadata yefayela, noma idatha ye-Drive lesuselwe khona ngaphandle uma linye lalemibandzela lisebenta:

- umsebentisi ucele kusekelwa ngalokucacile lokudzinga kufinyelela kudatha letsite;
- kufinyelela kuyadzingeka kuphenyo lwekuvikeleka, kuvimbela kuhlukunyetwa, noma kuphendvula sigameko;
- kufinyelela kuyadzingeka kulandzela umtsetfo, inchubo yemtsetfo, noma sicondziso se-tenant lesibophelelako;
- idatha ihlanganisiwe noma yentiwe yangasakhombi umuntfu ngemisebenti yangekhatsi, futsi kute lokucuketfwe kwe-Drive kwemsebentisi lotsite lokufundzekako.

Kufinyelela kwekusekelwa kufanele kube ngekwelungelo lelincane kakhulu, kube nesikhatsi lesilinganiselwe lapho kunengcondvo khona, futsi kulogwe kuze kube lula ku-audit.

Ingumtfombo wekusebentisa nekuhumusha, ayisiyo seluleko semtsetfo sekugcina. Akumele yetfulwe njengalenesekelo le-Google, kusayinwa ngumeluleki wemtsetfo wangaphandle, noma kuvunyelwa kwe-production restricted-scope ngaphandle kwebufakazi lobuhlukile bekubuyeketwa.

Tinkhomba

- DynamicMail restricted-scope contract:
Documentation/DynamicMail/LocalizedIntegrations/google-restricted-scope-compliance-contract-2026-06-02.md
- Google API Services User Data Policy: <https://developers.google.com/terms/api-services-user-data-policy>

- Google Workspace API user data and developer policy:
<https://developers.google.com/workspace/workspace-api-user-data-developer-policy>
- Google Drive API scopes:
<https://developers.google.com/workspace/drive/api/guides/api-specific-auth>
- Google restricted-scope verification guidance:
<https://developers.google.com/identity/protocols/oauth2/production-readiness/restricted-scope-verification>