

Melao ya Google Drive ya phitlhelelo ya data ya restricted scope

Melao eno e tlhalosa phitlhelelo ya Google Drive e DynamicMail e e kopang fa modirisi kgotsa molaodi wa tenant yo o filweng tetla a golaganya Google Drive bakeng sa document workflows tsa tenant.

Google Sign-In identity scopes tse di jaaka openid, email, le profile di farologane le tumello eno ya phitlhelelo ya data ya Google Drive. Go tsena ka Google ga go reye gore phitlhelelo ya Google Drive e amogetswe.

Scope e e kopiwang

DynamicMail e kopa <https://www.googleapis.com/auth/drive> fela fa modirisi kgotsa molaodi wa tenant yo o filweng tetla a golaganya Google Drive bakeng sa document workflows tsa tenant. Eno ke restricted Drive scope e kgolo e e ka letlang DynamicMail go leba le go laola difaele tsotlhe mo akhaontong ya Google Drive e e golagantsweng, go akaretsa difaele tse modirisi a nang le tsone, difaele tse di abelanweng le modirisi, folders, le shared-drive content e e fitlhelelwang ke akhaonto eo.

DynamicMail e tshwanetse go dirisa Drive scope fela bakeng sa Drive document workflows tse di tlhalositsweng, tse di bonalang, tse tenant e di tlhophileng.

DynamicMail ga e a tshwanela go kopa, go browse-a, go kopolola, go download-a, go fetola, go phimola, kgotsa go sebetse Drive data e e sa amaneng le Drive document workflow e e bonalang.

Data e DynamicMail e ka e fitlhelelang

Fa Google Drive e golagantswe, DynamicMail e ka fitlhelela Drive data e e tlhokegang go neela workflow e tenant e e tlhophileng, go akaretsa:

- file IDs, maina, MIME types, checksums, size, timestamps, ditlhaloso, labels, folder references, parent folders, le metadata e nngwe ya file;
- folder metadata, shared-drive metadata, le search/listing results tse di tlhokegang go bona ditokomane tsa tenant;
- diteng tsa file, previews, thumbnails, exports, downloads, uploads, le file payloads tse di generated kgotsa edited;
- sharing le permission metadata fa di tlhokega go bontsha kgotsa go wetsa Drive file operation e e bonalang;
- tshedimosetso ya account-level Drive summary e e tlhokegang go netefatsa akhaonto e e golagantsweng le connection status;

- dikopi tse di bolokilweng kgotsa extracts tse di cached tsa Drive files tse di tsentsweng mo DynamicMail;
- data e e tswang mo Drive files, jaaka OCR text, mafelo a tokomane a a parsitsweng, classification labels, extraction results, dikakaretso, audit events, le document records.

Boikaelelo

DynamicMail e dirisa data ya Google Drive go neela Drive document workflows tse tenant e di tlhophileng. Maikaelelo a a rerilweng ke:

- go letla badirisi ba ba filweng tetla go golaganya Drive jaaka document source kgotsa destination;
- go bona, go list-a, go tsenya, go download-a, go export-a, go upload-a, kgotsa go update-a ditokomane tsa kgwebo tsa tenant tse di tlhophilweng ka product flow;
- go ntsha data, go classify-a, le go route-a ditokomane tsa Drive mo DynamicMail workflows;
- go bontsha connection, file-operation, sync, le processing status go badirisi ba tenant ba ba filweng tetla;
- go boloka audit records le operational logs tse di supang gore ke Drive operation efe e kopilweng le go wediwa;
- troubleshooting, security, go thibela tiriso e e sa siamang, go rarabolola dikganetsano, le ditiro tsa legal compliance tse di letleletsweng ke dipholisi tse di tshwanetseng le tumelano ya tenant.

DynamicMail ga e a tshwanela go rekisa data ya Google Drive, go e dirisetsa dipapatso kgotsa retargeting, go e fetisetsa go data brokers, go e dirisetsa surveillance, kgotsa go e dirisetsa go lekola creditworthiness kgotsa tshwanelego ya go adimiwa madi.

Ela tlhoko scope e kgolo le scope e tshesane thata

Scope ya <https://www.googleapis.com/auth/drive> e kgolo ka gonne e ka letla phitlhelelo ya Drive files tsotlhe tse di fitlhelelwang ke akhaonto e e golagantsweng. DynamicMail e dirisa scope eno mo Data Rooms workflow e e diragaditsweng, moo badirisi ba tenant ba ba letleletsweng ba syncang Google Drive folders le files tse di leng teng tse di tlhophilweng, ba importang kgotsa ba downloadang Drive content, ba uploadang kgotsa ba updateang room files gape mo Drive, mme ba dira sharing kgotsa permission changes tse user a di kopileng mo Drive files tse di leng teng.

Drive scopes tse di lekanyeditsweng thata ga di lekane bakeng sa workflow ya gone jaanong: `drive.file` e ne e tla akaretse fela files tse di dirilweng kgotsa tse di butswa ke DynamicMail mme e ka se akaretse folders tse di leng teng tse di tlhophilweng kgotsa `all-files import`; `drive.readonly` e ka se akaretse upload, update, sharing kgotsa permission changes; metadata-only scopes jaaka `drive.metadata.readonly`, `appdata`

kgotsa appfolder ga di kgone go download kgotsa go process tenant document content kgotsa go manage selected existing files. Fa product e redesignniwa go ikaega ka Google Picker le files tse di dirilweng kgotsa tse di butswa ke app fela, DynamicMail e tshwanetse go downscope pele ga release ya workflow eo e redesignilweng.

Poloko

DynamicMail e boloka data e e tswang mo Drive fela ka nako e e tlhokegang bakeng sa Drive workflow e e bonalang, disetting tsa tenant tsa document retention, audit records, security, go rarabolola dikganetsano, kgotsa legal compliance. OAuth tokens le metadata ya Drive operation di bolokwa fela fa di tlhokega go tsamaisa Drive integration e e golagantsweng kgotsa go boloka audit records tse di tlhokegang.

Diteng tsa Drive files, difaele tse di cached, metadata, OCR text, mafelo a a ntshitsweng, le data ya ditokomane e e tswang mo go tsone di tshwanetse go phimolwa kgotsa go anonymize-wa fa di sa tlhole di tlhokega bakeng sa boikaelelo jo bo tlhalositsweng, ntle le fa kgolagano ya semolao, security, audit, kgotsa tenant-retention e tlhoka gore di bolokwe go ya pele.

Go phimola

Modirisi kgotsa molaodi wa tenant yo o filweng tetla a ka kopa gore go phimolwe data e e cached e e tswang mo Google, Drive files tse di tsentsweng, text e e ntshitsweng, le document records tse di tswang mo go tsone. DynamicMail e tshwanetse go phimola kgotsa go anonymize-a data e e kopilweng fa disetting tsa tenant tsa retention le molao o o tshwanetseng di letla jalo.

Go phimola direkoto tse di tsentsweng mo DynamicMail ga go reye gore file ya ntlha e phimolwa mo Google Drive. DynamicMail e tshwanetse go fetola, go sutisa, go romela kwa trash, kgotsa go phimola Drive files tsa ntlha fela fa modirisi yo o filweng tetla a kopa Drive action eo ka tlhamalalo ka product workflow e e bonalang, mme action eo e letleletswe ke tenant policy le molao o o tshwanetseng.

Go gogela morago le go kgaoganya

Tenant e ka kgaoganya Google Drive mo DynamicMail. Morago ga go kgaoganya kgotsa go gogela morago tumello ya selegae, DynamicMail e tshwanetse go emisa go dirisa OAuth tokens tse di bolokilweng bakeng sa Google Drive mme e tshwanetse go emisa go bala, go kwala, go download-a, go upload-a, go fetola, kgotsa go phimola Drive files tse dingwe mo akhaontong e e golagantsweng.

Mong wa akhaonto ya Google le ene a ka gogela morago authorization ya app mo disetting tsa akhaonto ya Google. Fa authorization ya Google e gogetswe morago, DynamicMail e tshwanetse go emisa phitlhelelo ya Drive API fa token refresh kgotsa API calls di palelwa, mme connection e tshwanetse go bontshiwa e le disconnected kgotsa e tlhoka reconnection.

Go gogela morago ga selegae ga go tlose ka boitiriso ditokomane tsa DynamicMail tse di setseng di tsentswe. Direkoto tseo di laolwa ke melawana ya go phimola le ya poloko e e fa godimo.

Tiriso ya AI, OCR, le go ntsha data

DynamicMail e ka dirisa OCR, parsing, classification, summarization, le processing e nngwe e e thuswang ke AI mo diteng tsa Drive files le metadata fela go neela kgotsa go tokafatsa Drive document workflow e e bonalang ya tenant. Drive data le data e e tswang mo go yone ga di a tshwanela go dirisiwa go bopa, go katisa, kgotsa go tokafatsa machine-learning kgotsa AI model ya kakaretso kwa ntle ga karolo e tenant e e kopileng.

Dipholo tse di thuswang ke AI di ka nna phoso. DynamicMail e tshwanetse go bontsha data e e ntshitsweng jaaka workflow output e badirisi ba ba filweng tetla ba ka e sekasekang, ba e baakanyang, ba e amogelang, ba e ganang, kgotsa ba e phimolang go ya ka product flow.

Tshegetso le phitlhelelo ya batho

Badiri ba DynamicMail, contractors, kgotsa subprocessors ga ba a tshwanela go bala Drive files tse di rileng, text e e ntshitsweng, file metadata, kgotsa data e e tswang mo Drive ntle le fa nngwe ya maemo ano e le teng:

- modirisi o kopile tshegetso ka tlamalalo e e tlhokang phitlhelelo ya data e e rileng;
- phitlhelelo e tlhokega bakeng sa security investigation, go thibela tiriso e e sa siamang, kgotsa incident response;
- phitlhelelo e tlhokega go ikobela molao, legal process, kgotsa taelo e e tlamang ya tenant;
- data e aggregated kgotsa e anonymized bakeng sa ditiro tsa ka fa gare, mme ga go diteng tsa Drive tsa modirisi yo o rileng tse di ka balwang.

Phitlhelelo ya tshegetso e tshwanetse go nna ya least privilege, e lekanyeditswe ka nako fa go kgonega, mme e logiwe gore e kgone go audit-wa.

Ke sediriswa sa tiragatso le localization, e seng kgakololo ya bofelo ya semolao.

Ditshupiso

- 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>