

Milayo ya Google Drive ya u swikelela data ya restricted-scope

Hei milayo i tšalutshedza uri DynamicMail i hambela u swikelela hufhio ha Google Drive musu mushumisi wa tenant kana mulangi o tendelwaho a tshi tšanganyisa Google Drive kha workflows dza mañwalo a tenant.

Google Sign-In identity scopes sa openid, email, na profile dzo fhambana na thendelo iyi ya u swikelela data ya Google Drive. U dzhena nga Google a zwi ambi uri u swikelela ha Google Drive ho tšanganedzwa.

Scope

DynamicMail i hambela <https://www.googleapis.com/auth/drive> fhedzi musu mushumisi wa tenant kana mulangi o tendelwaho a tshi tšanganyisa Google Drive kha workflows dza mañwalo a tenant. Iyi ndi broad restricted Drive scope ine ya nga tendela DynamicMail u vhona na u langa faela dzo tše kha akhaunthu ya Google Drive yo tšanganyiswaho, hu tshi katelwa faela dzine mushumisi a dzi vha nadzo, faela dzo kovhelwaho mushumisi, folders, na shared-drive content ine ya wanala kha akhaunthu yeneyo.

DynamicMail i fanela u shumisa Drive scope fhedzi kha workflows dza mañwalo a Drive dzo bviselwaho khagala, dzi vhoneleho, nahone dzo nangiwo nga tenant.

Data ine DynamicMail ya nga i swikelela

Musi Google Drive yo tšanganyiswa, DynamicMail i nga swikelela data ya Drive ine ya tšodea u nea workflow yo nangiwo nga tenant, hu tshi katelwa:

- file IDs, madzina, MIME types, checksums, vhuhulu, timestamps, descriptions, labels, folder references, parent folders, na metadata inwe ya faela;
- folder metadata, shared-drive metadata, na search kana listing results dzine dza tšodea u wana mañwalo a tenant;
- zwi re kha faela, previews, thumbnails, exports, downloads, uploads, na file payloads dzo bveledzwaho kana dzo edit-iwaho;
- sharing na permission metadata musu zwi tshi tšodea u sumbedza kana u fhedzisa Drive file operation i vhoneleho;
- account-level Drive summary information ine ya tšodea u khwa tšisedza akhaunthu yo tšanganyiswaho na tshiimo tsha tšanganyo;
- copies dzo vhulungwaho kana cached extracts dza Drive files dzo import-iwaho kha DynamicMail;

- data yo bveledzwaho u bva kha Drive files, sa OCR text, fields dza luñwalo dzo parswa, classification labels, mvelelo dza extraction, summaries, audit events, na document records.

DynamicMail a i ngo fanela u humbela, u browse-a, u copy-a, u download-a, u shandukisa, u phumula, kana u shumisa nga inwe ndila data ya Drive ine ya si vhe na vhushaka na workflow i vhonekaho ya mañwalo a Drive.

Ndivho

DynamicMail i shumisa data ya Google Drive u nea workflows dza mañwalo a Drive dzo nangiwa nga tenant. Ndivho dzo lavhelelwaho ndi:

- u tendela vhashumisi vho tendelwaho u tlanganyisa Drive sa tshiko tsha mañwalo kana hune mañwalo a iswa hone;
- u wana, u list-a, u import-a, u download-a, u export-a, u upload-a, kana u update-a mañwalo a bindu a tenant o nangiwa nga product flow;
- u extract-a, u classify-a, na u ruta mañwalo a Drive kha workflows dza DynamicMail;
- u sumbedza tshiimo tsha tlanganyo, file-operation, sync, na processing kha vhashumisi vha tenant vho tendelwaho;
- u vhulunga audit records na operational logs dzine dza sumbedza uri ndi Drive operation ifhio yo humbelwaho na u fhedzwa;
- u ita troubleshooting, tsireledzo, abuse prevention, u tandulula khandzano, na mishumo ya legal-compliance ine ya tendelwa nga policies dzi shumaho na thendelano ya tenant.

DynamicMail a i ngo fanela u rengisa data ya Google Drive, u i shumisa kha advertising kana retargeting, u i fhisela kha data brokers, u i shumisa kha surveillance, kana u i shumisa u vhone creditworthiness kana u faneleka kha lending.

Broad Drive scope na narrowest scope

Scope ya <https://www.googleapis.com/auth/drive> ndi broad ngauri i nga tendela u swikelela kha faela dzothe dza Drive dzine dza wanala kha akhaunthu yo tlanganyiswaho. DynamicMail i fanela u fara scope iyi sa ya tshifhinganyana u swika product na compliance review zwi tshi nwala uri ndi ngani Drive scopes tshukhu dzi sa lingani kha workflow yo shumiswaho.

Phanda ha u shumisa kha production, DynamicMail i fanela u sedzulusa Drive scopes tshukhu sa `drive.file`, `drive.readonly`, `drive.metadata.readonly`, `drive.appdata`, kana `drive.appfolder`. Arali scope tshukhu i tshi nga tikedza tshivhumbeo tshi vhonekaho, scope yo humbelwaho, consent records, OAuth configuration, source asset, rendered asset, na tests zwi fanela u khwiniswa phanda ha release.

U vhulunga

DynamicMail i vhulunga data yo bveledzwaho kha Drive fhedzi musi i tshi tšodea kha workflow i vhonealaho ya Drive, settings dza tenant dza u vhulunga manwalo, audit records, tsireledzo, u tandulula khandezano, kana legal compliance. OAuth tokens na Drive operation metadata zwi vhoneungwa fhedzi musi zwi tshi tšodea u ita uri integration ya Drive yo tšanganyiswaho i shume kana u vhulunga audit records dzi tšodeaho.

Zwi re kha Drive files, cached files, metadata, OCR text, fields dzo extract-iwaho, na data ya lunwalo yo bveledzwaho zwi fanela u phumulwa kana u anonymise-iwa musi zwi si tsha tšodea kha ndivho yo bviselwaho khagala, nga nnda ha musi hu na vhudifhinduleli ha mulayo, tsireledzo, audit, kana u vhulunga ha tenant vhu tšodaho u vhoneungwa hu tshi bvela phanda.

U phumula

Mushumisi wa tenant kana mulangi o tendelwaho a nga humbela u phumulwa ha Google-derived cached data, Drive files dzo import-iwaho, text yo extract-iwaho, na document records dzo bveledzwaho. DynamicMail i fanela u phumula kana u anonymise-a data yo humbelwaho musi settings dza tenant dza u vhulunga na mulayo u shumaho zwi tshi zwi tendela.

U phumula records dzo import-iwaho kha DynamicMail a zwi phumuli nga zwingafhani faela ya u thoma kha Google Drive. DynamicMail i fanela u shandukisa, u sudzulusa, u isa kha trash, kana u phumula Drive files dza u thoma fhedzi musi mushumisi o tendelwaho o humbela Drive action yeneyo nga khagala kha workflow ya product i vhonealaho, nahone action yeneyo yo tendelwa nga policy ya tenant na mulayo u shumaho.

U fhelisa thendelo na u khaula tšhanganyo

Tenant a nga khaula Google Drive kha DynamicMail. Nga murahu ha u khaula tšhanganyo kana u fhelisa thendelo ya local consent, DynamicMail i fanela u litsha u shumisa OAuth tokens dzo vhoneungwaho dza Google Drive, nahone i fanela u litsha u vhalala, u ntwala, u download-a, u upload-a, u shandukisa, kana u phumula Drive files dzi nwe u bva kha akhaunthu yo tšanganyiswaho.

Muṅe wa akhaunthu ya Google a nga dovha a fhelisa app authorisation kha settings dza akhaunthu ya Google. Arali thendelo ya Google yo fheliswa, DynamicMail i fanela u imisa u swikelela ha Drive API musi token refresh kana API calls zwi tshi kundelwa, nahone tšhanganyo i fanela u sumbedzwa sa yo khauliwaho kana ine ya tšoda u tšanganyiswa hafhu.

U fhelisa thendelo ya local a zwi bvisi nga automatic manwalo a DynamicMail o no import-iwaho. Records idzo dzi shumiswa nga milayo ya u phumula na u vhulunga ire afho ntha.

U shumisa AI, OCR, na extraction

DynamicMail i nga shumisa OCR, parsing, classification, summarisation, na processing inwe ine ya thuswa nga AI kha zwi re kha Drive files na metadata fhedzi u itela u nea kana u khwinisa workflow i vhoneleho ya tenant ya manwalo a Drive. Data ya Drive na data yo bveledzwaho a zwi ngo fanela u shumiswa u sika, u gudisa, kana u khwinisa machine-learning kana AI model ya ndivho dzo angaredzeaho nnda ha tshivhumbeo tsho humbelwaho nga tenant.

Mvelelo dzine dza thuswa nga AI dzi nga vha na vhukhakhi. DynamicMail i fanela u sumbedza data yo extract-ihaho sa output ya workflow ine vhashumisi vho tendelwaho vha nga i sedzulusa, u i khakhulula, u i tendela, u i hana, kana u i phumula u ya nga product flow.

Thuso na u swikelela nga vhathu

Vhashumi vha DynamicMail, contractors, kana subprocessors a vho ngo fanela u vhalala Drive files dzo khetheaho, text yo extract-ihaho, file metadata, kana data ya Drive yo bveledzwaho, nga nnda ha musu hu tshi shuma tshinwe tsha zwi tevhelaho:

- mushumisi o humbela thuso nga khagala ine ya toda u swikelela data yo khetheaho;
- u swikelela hu todea kha security investigation, abuse prevention, kana incident response;
- u swikelela hu todea u tevhela mulayo, legal process, kana ndaela ya tenant i kombetshedzaho;
- data yo aggregat-iwa kana u anonymise-iwa kha mishumo ya nga ngomu, nahone a hu na zwi re kha Drive ya mushumisi o khetheaho zwine zwa vhaleka.

U swikelela ha thuso hu fanela u vha ha least-privilege, hu be na tshifhinga tsho limitiwaho hune zwa konadzea, nahone hu logiwe u itela auditability.

Tshiimo tsha u sedzulusa nga mulayo

Ndi zwishumiswa zwa u shumisa na u sedzulusa zwo lokaliziwaho, a si nyeletshedzo ya mulayo ya u fhedzisela.

Zwine zwa bva zwone

- 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>