

This document only outlines the differences between v3.0 and v4.0.

For more thorough information on each of the versions, please refer to API Docs [V3.0](#) & [V4.0](#)

3.0 VS 4.0

In 4.0, **TrustedForm Consent + Insights** is now two separate products called **Retain** and **Insights**. [Lead matching](#) must be performed as part of the Retain API request to ensure the certificate is unlocked. This helps confirm that the lead and certificate are correctly paired, protecting you from lead fraud and potential legal issues.

In the **Consent + Insights** request, this feature was called fingerprints, and was optional.

In 4.0, the TrustedForm Certificate API is able to perform multiple operations based on the parameters sent in the request.

| Changes | v3.0 | v4.0 |
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| Endpoint path | Retrieving certificate insights <ul style="list-style-type: none"> • POST /{cert_id} | Can retrieve data by using POST/{cert_id} endpoint & running insights. |
| | Claim <ul style="list-style-type: none"> • POST /{cert_id} | Run certificate operations (Retain) <ul style="list-style-type: none"> • POST /{cert_id} |
| | Using a POST, will retrieve the insights AND claim/retain the certificate. Using PING, will only retrieve the insights. | Header parameters: <ul style="list-style-type: none"> • API Version |
| | When migrating from an older version to version 4.0, please use Api-Version: 4.0 header to guarantee your call uses the 4.0 request and response structure. | |
| | <hr/> Viewing certificates <ul style="list-style-type: none"> • GET /{cert_id} | No longer supported in v4.0 |
| <hr/> TrustedForm Certificate Check-in <ul style="list-style-type: none"> • POST /{cert_id}/check_in | No longer support certificate check-in in v4.0 | |
| <hr/> Ping Retrieving Ping Data <ul style="list-style-type: none"> • POST /{cert_id}/ping Generate Ping URL <ul style="list-style-type: none"> • GET /{cert_id}/ping_url | No longer support ping in v4.0 | |
| | | Can use Insights to retrieve ping data. |
| | | TrustedForm Ping URLs are no longer needed. |

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| | | Vendors can confidently pass the TrustedForm Certificate URL, as our Enhanced PII Protection ensures that lead data on the ping remains secure from unauthorized access. As certificates are now locked, unlocking them is necessary to access the PII. For further information, please refer to our post here . |
| REQUEST | | |
| Request parameter name | <p>page_scan is part of Consent and Insights</p> <p>Retrieving certificate insights</p> <ul style="list-style-type: none"> ● email ● phone ● fingerprint - each fingerprint value is an SHA1 hash of an email or phone value ● forbidden_scan_terms ● required_scan_terms ● scan_delimiter <hr/> <p>Claiming Certificates (Consent + Insights)</p> <ul style="list-style-type: none"> ● email ● phone ● fingerprints ● forbidden_scan_terms ● required_scan_terms ● scan_delimiter ● reference ● vendor | <p>Fingerprints are now called match_lead. The match_lead operation is required when running the retain operation. Consent is now known as Retain. page_scan only included in Insights. Verify is a new TrustedForm product offering available in 4.0.</p> <ul style="list-style-type: none"> ● match_lead.email ● match_lead.phone ● You can use SHA1 hash of an email or phone value in match_lead ● insights.scans.forbidden ● insights.scans.required ● insights.scans.delimiter <hr/> <ul style="list-style-type: none"> ● match_lead.email ● match_lead.phone ● - ● insights.scans.forbidden ● insights.scans.required ● insights.scans.delimiter ● retain.reference ● retain.vendor |
| Request parameter data type | | <p>Insights</p> <ul style="list-style-type: none"> ● properties: Array of strings |
| New request parameters | / | <p>Insights</p> <ul style="list-style-type: none"> ● insights.bot_detected <p>Verify (new 4.0 product)</p> <ul style="list-style-type: none"> ● verify.advertiser_name |

RESPONSE

| RESPONSE | | |
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| Response parameter name | <p>Retrieving certificate insights & Retrieving Ping Data</p> <ul style="list-style-type: none"> • cert • cert.age_seconds • cert.approx_ip_geo • cert.approx_ip_geo.city • cert.approx_ip_geo.country_code • cert.approx_ip_geo.lat • cert.approx_ip_geo.lon • cert.approx_ip_geo.postal_code • cert.approx_ip_geo.state • cert.approx_ip_geo.time_zone • cert.browser • cert.browser.full • cert.browser.name • cert.browser.version • cert.browser.version.full • cert.browser.version.major • cert.browser.version.minor • cert.browser.version.patch • cert.created_at • cert.domain • cert.event_duration_ms • cert.expires_at • cert.form_input_method • cert.kpm • cert.wpm • cert.ip • cert.is_framed • is_masked • cert.is_mobile • cert.operating.system • cert.operating.system.full • cert.operating.system.name • cert.operating.system.version • cert.operating.system.version.full • cert.operating.system.version.major • cert.operating.system.version.minor • cert.operating.system.version.patch • cert.page_id • cert.page_url • cert.parent_page_url | <p>Can retrieve data by using POST/{cert_id} endpoint & running insights.</p> <ul style="list-style-type: none"> - page_id -> no longer exist in 4.0 - warnings -> no longer exist in 4.0 <ul style="list-style-type: none"> • insights.properties • insights.properties.age_seconds • insights.properties.approx_ip_geo • insights.properties.approx_ip_geo.city • insights.properties.approx_ip_geo.country_code • insights.properties.approx_ip_geo.lat • insights.properties.approx_ip_geo.lon • insights.properties.approx_ip_geo.postal_code • insights.properties.approx_ip_geo.state • insights.properties.approx_ip_geo.time_zone • insights.properties.browser • insights.properties.browser.full • insights.properties.browser.name • insights.properties.browser.version • insights.properties.browser.version.full • insights.properties.browser.version.major • insights.properties.browser.version.minor • insights.properties.browser.version.patch • insights.properties.created_at • insights.properties.domain • insights.properties.seconds_on_page • insights.properties.expires_at • insights.properties.form_input_method • insights.properties.form_input_kpm • insights.properties.form_input_wpm • insights.properties.ip • insights.properties.is_framed • insights.properties.is_masked • insights.properties.os.is_mobile • insights.properties.os • insights.properties.os.full • insights.properties.os.name • insights.properties.os.version • insights.properties.os.version.full • insights.properties.os.version.major • insights.properties.os.version.minor • insights.properties.os.version.patch • not available • insights.properties.page_url • insights.properties.parent_page_url |

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| | <ul style="list-style-type: none"> • cert.user_agent • fingerprints • fingerprints.matching • fingerprints.not_matching • scans • scans.forbidden_found • scans.forbidden_not_found • scans.required_found • scans.required_not_found • warnings <hr/> <p>Viewing Certificates & Claiming Certificates</p> <ul style="list-style-type: none"> • fingerprints • fingerprints.matching • fingerprints.non_matching • is_masked • masked_cert_url • scans • scans.forbidden_found • scans.forbidden_not_found • scans.required_found • scans.required_not_found • warnings | <ul style="list-style-type: none"> • insights.properties.browser.user_agent • match_lead.result • match_lead.result.email_match • match_lead.result.phone_match • insights.scans • insights.scans.result.forbidden_found • insights.scans.result.forbidden_not_found • insights.scans.result.required_found • insights.scans.result.required_not_found • not available <hr/> <ul style="list-style-type: none"> • match_lead.result • match_lead.result.email_match • match_lead.result.phone_match • insights.properties.is_masked • retain.result.masked_cert_url • insights.scans • insights.scans.result.forbidden_found • insights.scans.result.forbidden_not_found • insights.scans.result.required_found • insights.scans.result.required_not_found • not available |
| Response parameter data type | <ul style="list-style-type: none"> • cert.approx_ip_geo.lat: number or null • cert.approx_ip_geo.lon: number or null • fingerprints.matching: Array of strings • fingerprints.not_matching: Array of strings | <ul style="list-style-type: none"> • insights.properties.approx_ip_geo.lat: string • insights.properties.approx_ip_geo.lon: string • match_lead.result.email_match: boolean • match_lead.result.phone_match: boolean |
| New response parameters | | <p>Retain</p> <ul style="list-style-type: none"> • result.previously_retained <p>Insights</p> <ul style="list-style-type: none"> • properties.bot_detected • properties.num_sensitive_content_elements • properties.num_sensitive_form_elements <p>Verify</p> <ul style="list-style-type: none"> • verify.languages • verify.languages.text |

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| | | <ul style="list-style-type: none">• verify.result• verify.result.form_submitted• verify.result.language_approved• verify.result.one_to_one• verify.result.success |
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