Sage 300 Web API

Endpoint reference

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1. Overview

The Sage 300 Web API makes it easy to develop services that integrate with Sage 300 data and business logic. You can use the Web API to create integrated services for Sage 300 using many frameworks and tools—even just a web browser.

**Note:** This release of the Web API includes a limited set of initial features, with additional features planned for future product updates and releases.

This document lists endpoints for the Sage 300 Web API.

Additional documentation is available for members of the Sage Development Partner Program. For more information about partner programs, visit [sage.com/us/partners](http://sage.com/us/partners).

1. Web API request resource URL

Construct a URL for the Sage 300 Web API as follows:

{protocol}://{host-application-path}/{version}/-/{company}/{app-module}/{resource}

Example:

http://localhost/Sage300WebApi/v1.0/-/SAMLTD/AR/ARCustomers

|  |  |  |
| --- | --- | --- |
| Component | Description | Example |
| {protocol} | The application protocol enabled in IIS setup | http, https |
| {host-application-path} | The path to the Web API application | localhost/Sage300WebApi, yourdomain.com |
| {version} | The version of the Web API | v1.0 |
| {company} | The Org ID of the company being requested | SAMLTD, SAMINC |
| {app-module} | Sage 300 module where the requested resource resides | GL, AP, AR |
| {resource} | The data model being requested | ARCustomers, GLAccounts |

1. Master data endpoints

Master data endpoints are setup functions where you can mostly do a GET, POST, PUT, DELETE and PATCH.

| Endpoint | Accpac View | Supported verbs | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| GET | POST | PUT | DELETE | PATCH |
| AP1099CPRSCodes | AP0007 APCLX | x | x | x | x | x |
| APAccountSets | AP0006 APRAS | x | x | x | x | x |
| APDistributionCodes | AP0005 APRDC | x | x | x | x | x |
| APDistributionSets | AP0009 APDSH | x | x | x | x | x |
| APPaymentCodes | AP0010 APPTP | x | x | x | x | x |
| APRecurringPayables | AP0064 APRPH | x | x | x | x | x |
| APRemitToLocations | AP0018 APVNR | x | x | x | x | x |
| APTerms | AP0012 APRTA | x | x | x | x | x |
| APVendorGroups | AP0016 APVGR | x | x | x | x | x |
| APVendors | AP0015 APVEN | x | x | x | x | x |
| ARAccountSets | AR0013 ARRAS | x | x | x | x | x |
| ARBillingCycles | AR0014 ARRBC | x | x | x | x | x |
| ARCommentTypes | AR0094 ARCMMTP | x | x | x | x | x |
| ARCustomerGroups | AR0025 ARGRO | x | x | x | x | x |
| ARCustomers | AR0024 ARCUS | x | x | x | x | x |
| ARDistributionCodes | AR0015 ARRDC | x | x | x | x | x |
| ARDunningMessages | AR0008 ARDUN | x | x | x | x | x |
| ARItems | AR0010 ARITH | x | x | x | x | x |
| ARNationalAccounts | AR0028 ARNAT | x | x | x | x | x |
| ARPaymentCodes | AR0012 ARPTP | x | x | x | x | x |
| ARRecurringCharges | AR0046 ARSIA | x | x | x | x | x |
| ARSalespersons | AR0018 ARSAP | x | x | x | x | x |
| ARSalespersonStatistics | AR0030 ARSPS | x |  |  |  |  |
| ARShipToLocations | AR0023 ARCSP | x | x | x | x | x |
| ARTerms | AR0016 ARRTA | x | x | x | x | x |
| BKBankDistributionCodes | BK0003 BKTT | x | x | x | x | x |
| BKBanks | BK0001 BKACCT | x | x | x | x | x |
| BKCreditCardTypes | BK0240 BKCCTYP | x | x | x | x | x |
| CSCompanyProfile | CS0001 CSCOM | x |  | x | x | x |
| CSCurrencyCodes | CS0003 CSCCD | x | x | x | x | x |
| CSCurrencyRates | CS0005 CSCRH | x | x | x | x | x |
| CSCurrencyRateTypes | CS0004 CSCRT | x | x | x | x | x |
| CSFiscalCalendars | CS0002 CSFSC | x |  |  |  |  |
| CSSchedules | CS0030 CSSKTB | x | x | x | x | x |
| GLAccountGroups | GL0055 GLACGRP | x | x | x | x | x |
| GLAccounts | GL0001 GLAMF | x | x | x | x | x |
| GLRevaluationCodes | GL0020 GLRVAL | x | x | x | x | x |
| GLSegmentCodes | GL0021 GLASV | x | x | x | x | x |
| GLSourceCodes | GL0002 GLSRCE | x | x | x | x | x |
| ICAccountSets | IC0100 ICACCT | x | x | x | x | x |
| ICBillsOfMaterial | IC0200 ICBOMH | x |  |  |  |  |
| ICCategories | IC0210 ICCATG | x | x | x | x | x |
| ICItemPricing | IC0480 ICPRIC | x | x | x | x | x |
| ICItems | IC0310 ICITEM | x | x | x | x | x |
| ICItemStructures | IC0320 ICITMS | x | x | x | x | x |
| ICLocations | IC0370 ICLOC | x | x | x | x | x |
| ICPriceListCodes | IC0390 ICPCOD | x | x | x | x | x |
| ICUnitsOfMeasure | IC0746 ICUCOD | x | x | x | x | x |
| ICWeightUnitsOfMeasure | IC0758 ICWCOD | x | x | x | x | x |
| MTContactForms | MT0105 MTCONCF | x | x |  |  |  |
| MTContacts | MT0100 MTCONC | x | x | x | x | x |
| OEMiscellaneousCharges | OE0440 OEMISC | x | x | x | x | x |
| OEShipViaCodes | OE0760 OEVIA | x | x | x | x | x |
| OETemplates | OE0540 OEPLAT | x | x | x | x | x |
| POAccountSets | PO0100 POACCT | x | x | x | x | x |
| POAdditionalCosts | PO0300 POACST | x | x | x | x | x |
| POTemplates | PO0605 POPLAT | x | x | x | x | x |
| POVendorContractCosts | PO0181 POVUPR | x | x | x | x | x |
| TXTaxAuthorities | TX0002 TXAUTH | x |  |  |  |  |
| TXTaxGroups | TX0003 TXGRP | x |  |  |  |  |
| TXTaxRates | TX0004 TXRATE | x |  |  |  |  |

1. Transaction endpoints

For transaction endpoints, PATCH verb for GL, AP and AR are now supported for this release.

The following endpoints require a special protocol:

* AP PaymentAndAdjustmentBatches. BatchSelector must be specified for POST requests: PY for Payment batches and AD for Adjustment batches.
* AR ReceiptAndAdjustmentBatches. BatchRecordType must be specified for POST requests: CA for Receipt batches and AD for Adjustment batches.

| Endpoint | Accpac View | Supported verbs | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| GET | POST | PUT | DELETE | PATCH |
| APInvoiceBatches | AP0020 APIBC | x | x |  |  | x |
| APPaymentAndAdjustmentBatches | AP0030 APBTA | x | x |  |  | x |
| ARInvoiceBatches | AR0031 ARIBC | x | x |  |  | x |
| ARReceiptAndAdjustmentBatches | AR0041 ARBTA | x | x |  |  | x |
| ARRefundBatches | AR0140 ARRFB | x | x |  |  | x |
| BKBankEntries | BK0450 BKENTH | x | x |  |  |  |
| GLJournalBatches | GL0008 GLBCTL | x | x |  |  | x |
| ICAdjustments | IC0120 ICADEH | x | x |  |  |  |
| ICInternalUsages | IC0288 ICICEH | x | x |  |  |  |
| ICReceipts | IC0590 ICREEH | x | x |  |  |  |
| ICShipments | IC0640 ICSHEH | x | x |  |  |  |
| ICTransfers | IC0740 ICTREH | x | x |  |  |  |
| OECreditDebitNotes | OE0240 OECRDH | x | x |  |  |  |
| OEInvoices | OE0420 OEINVH | x |  |  |  |  |
| OEOrders | OE0520 OEORDH | x | x |  |  |  |
| POCreditDebitNotes | PO0311 POCRNH | x |  |  |  |  |
| POInvoices | PO0420 POINVH | x |  |  |  |  |
| POPurchaseOrders | PO0620 POPORH | x | x |  |  |  |
| POReceipts | PO0700 PORCPH |  | x |  |  |  |
| POGetReceipts | PO0700 PORCPH | x |  |  |  |  |
| PORequisitions | PO0760 PORQNH | x | x |  |  |  |
| POReturns | PO0731 PORETH | x | x |  |  |  |

1. Process endpoints

Process endpoints support only the POST verb.

To get a sample payload, enter the appropriate URL with (‘$template’) at the end.

Example:

POST http://localhost/Sage300WebApi/v1.0/-/SAMLTD/AR/ARPostInvoices(‘$template’)

When you are ready to invoke a Sage 300 superview process, add (‘$process’) at the end of the URL.

Example:

POST http://localhost/Sage300WebApi/v1.0/-/SAMLTD/AR/ARPostInvoices(‘$process’)

| Endpoint | Accpac View | Supported verbs | | | |
| --- | --- | --- | --- | --- | --- |
| GET | POST | PUT | DELETE |
| APCreateGLBatch | AP0042 APGLTR |  | x |  |  |
| APCreateRecurringPayableBatch | AP0066 APRCUR |  | x |  |  |
| APCreateRetainageDocumentBatch | AP0300 APIRTNG |  | x |  |  |
| APDeleteInactiveRecords | AP0052 APPGIA |  | x |  |  |
| APPostInvoices | AP0039 APIVPT |  | x |  |  |
| APPostPaymentsAndAdjustments | AP0040 APPYPT |  | x |  |  |
| ARCreateGLBatch | AR0053 ARGLTR |  | x |  |  |
| ARCreateRecurringCharge | AR0059 ARRCUR |  | x |  |  |
| ARCreateRetainageDocumentBatch | AR0300 ARIRTNG |  | x |  |  |
| ARPostInvoices | AR0048 ARIVPT |  | x |  |  |
| ARPostReceiptsAndAdjustments | AR0049 ARPYPT |  | x |  |  |
| ARPostRefunds | AR0150 ARRFPT |  | x |  |  |
| GLPostJournal | GL0030 GLJPST |  | x |  |  |
| ICCreateGLBatch | IC0278 ICGLTR |  | x |  |  |
| ICDayEndProcessing | IC0275 ICDEND |  | x |  |  |
| POCreateBatch | PO0353 POGLTR |  | x |  |  |
| PODayEndProcessing | PO0110 PODEND |  | x |  |  |

1. GET only endpoints

GET only endpoints support only the GET verb for reporting and inquiry purposes. No other verbs are allowed.

| Endpoint | Accpac View | Supported verbs | | | |
| --- | --- | --- | --- | --- | --- |
| GET | POST | PUT | DELETE |
| AP1099CPRSAmounts | AP0013 APCCS | x |  |  |  |
| APPostedDocuments | AP0025 APOBL | x |  |  |  |
| APPostedPayments | AP0029 APPYM | x |  |  |  |
| APPostingErrorMessages | AP0038 APPTER | x |  |  |  |
| APVendorStatistics | AP0019 APVSM | x |  |  |  |
| ARItemStatistics | AR0027 ARITS | x |  |  |  |
| ARNationalAccountStatistics | AR0029 ARNSM | x |  |  |  |
| ARPayments | AR0139 ARPYM | x |  |  |  |
| ARPostedDocuments | AR0036 AROBL | x |  |  |  |
| ARPostedReceipts | AR0040 ARRRH | x |  |  |  |
| GLAccountFiscalSets | GL0103 GLAFS | x |  |  |  |
| GLPostedTransactions | GL0018 GLPOST | x |  |  |  |
| GLPostingJournalDetails | GL0016 GLPJD | x |  |  |  |
| GLProvisionalPostingErrors | GL0013 GLPPER | x |  |  |  |
| OEPostingJournals | OE0120 OEAUDH | x |  |  |  |
| OESalesHistory | OE0690 OESHHD | x |  |  |  |
| OESalesHistoryDetails | OE0685 OESHDT | x |  |  |  |
| OESalesStatistics | OE0700 OESTATS | x |  |  |  |
| TXTaxTracking | TX0011 TXAUDH | x |  |  |  |