Sage 300 Web API

Endpoint reference

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Contents

[1. Overview 4](#_Toc455394203)

[2. Web API request resource URL 5](#_Toc455394204)

[3. Master data endpoints 6](#_Toc455394205)

[4. Transaction endpoints 9](#_Toc455394206)

[5. Process endpoints 11](#_Toc455394207)

[6. GET only endpoints 13](#_Toc455394208)

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}/-/{company}/{app-module}/{resource}

Example:

http://localhost/Sage300WebApi/-/SAMLTD/AR/Customers

|  |  |  |
| --- | --- | --- |
| 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 |
| {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 | Customers, Accounts |

1. Master data endpoints

Master data endpoints are setup functions where you can mostly do a GET, POST, PUT and DELETE, except for the CompanyProfile endpoint.

| Endpoint | Accpac View | Supported verbs | | | |
| --- | --- | --- | --- | --- | --- |
| GET | POST | PUT | DELETE |
| AP64A AccountSets | AP0006 APRAS | x | x | x | x |
| AP64A DistributionCodes | AP0005 APRDC | x | x | x | x |
| AP64A DistributionSets | AP0009 APDSH | x | x | x | x |
| AP64A Num1099CPRSCodes | AP0007 APCLX | x | x | x | x |
| AP64A PaymentCodes | AP0010 APPTP | x | x | x | x |
| AP64A RecurringPayables | AP0064 APRPH | x | x | x | x |
| AP64A RemitToLocations | AP0018 APVNR | x | x | x | x |
| AP64A Terms | AP0012 APRTA | x | x | x | x |
| AP64A VendorGroups | AP0016 APVGR | x | x | x | x |
| AP64A Vendors | AP0015 APVEN | x | x | x | x |
| AR64A AccountSets | AR0013 ARRAS | x | x | x | x |
| AR64A BillingCycles | AR0014 ARRBC | x | x | x | x |
| AR64A CommentTypes | AR0094 ARCMMTP | x | x | x | x |
| AR64A CustomerGroups | AR0025 ARGRO | x | x | x | x |
| AR64A Customers | AR0024 ARCUS | x | x | x | x |
| AR64A DistributionCodes | AR0015 ARRDC | x | x | x | x |
| AR64A DunningMessages | AR0008 ARDUN | x | x | x | x |
| AR64A Items | AR0010 ARITH | x | x | x | x |
| AR64A NationalAccounts | AR0028 ARNAT | x | x | x | x |
| AR64A PaymentCodes | AR0012 ARPTP | x | x | x | x |
| AR64A RecurringCharges | AR0046 ARSIA | x | x | x | x |
| AR64A Salespersons | AR0018 ARSAP | x | x | x | x |
| AR64A ShipToLocations | AR0023 ARCSP | x | x | x | x |
| AR64A TermsCodes | AR0016 ARRTA | x | x | x | x |
| BK64A Banks | BK0001 BKACCT | x | x | x | x |
| BK64A CreditCardTypes | BK0240 BKCCTYP | x | x | x | x |
| BK64A BankDistributionCodes | BK0003 BKTT | x | x | x | x |
| CS64A CompanyProfile | CS0001 CSCOM | x |  | x |  |
| CS64A CurrencyCodes | CS0003 CSCCD | x | x | x | x |
| CS64A RateTypes | CS0004 CSCRT | x | x | x | x |
| CS64A CurrencyTables | CS0005 CSCRH | x | x | x | x |
| CS64A Schedules | CS0030 CSSKTB | x | x | x | x |
| GL64A AccountGroups | GL0055 GLACGRP | x | x | x | x |
| GL64A Accounts | GL0001 GLAMF | x | x | x | x |
| GL64A RevaluationCodes | GL0020 GLRVAL | x | x | x | x |
| GL64A SourceCodes | GL0002 GLSRCE | x | x | x | x |
| IC64A AccountSets | IC0100 ICACCT | x | x | x | x |
| IC64A BillsOfMaterial | IC0200 ICBOMH | x | x | x | x |
| IC64A Categories | IC0210 ICCATG | x | x | x | x |
| IC64A Items | IC0310 ICITEM | x | x | x | x |
| IC64A ItemStructures | IC0320 ICITMS | x | x | x | x |
| IC64A Locations | IC0370 ICLOC | x | x | x | x |
| IC64A PriceListCodes | IC0390 ICPCOD | x | x | x | x |
| IC64A UnitsOfMeasure | IC0746 ICUCOD | x | x | x | x |
| IC64A WeightUnitsOfMeasure | IC0758 ICWCOD | x | x | x | x |
| OE64A MiscellaneousCharges | OE0440 OEMISC | x | x | x | x |
| OE64A ShipViaCodes | OE0760 OEVIA | x | x | x | x |
| OE64A Templates | OE0540 OEPLAT | x | x | x | x |
| PO64A AccountSets | PO0100 POACCT | x | x | x | x |
| PO64A AdditionalCosts | PO0300 POACST | x | x | x | x |
| PO64A PurchaseOrderTemplates | PO0605 POPLAT | x | x | x | x |
| PO64A VendorContractCosts | PO0181 POVUPR | x | x | x | x |

1. Transaction endpoints

For transaction endpoints, only GET and POST verbs are 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 |
| AP64A InvoiceBatches | AP0020 APIBC | x | x |  |  |
| AP64A PaymentAndAdjustmentBatches | AP0030 APBTA | x | x |  |  |
| AR64A InvoiceBatches | AR0031 ARIBC | x | x |  |  |
| AR64A ReceiptAndAdjustmentBatches | AR0041 ARBTA | x | x |  |  |
| AR64A RefundBatches | AR0140 ARRFB | x | x |  |  |
| BK64A BankEntriesHeader | BK0450 BKENTH | x | x |  |  |
| GL64A JournalBatches | GL0008 GLBCTL | x | x |  |  |
| IC64A AdjustmentHeaders | IC0120 ICADEH | x | x |  |  |
| IC64A ReceiptHeaders | IC0590 ICREEH | x | x |  |  |
| IC64A ShipmentHeaders | IC0640 ICSHEH | x | x |  |  |
| IC64A TransferHeaders | IC0740 ICTREH | x | x |  |  |
| OE64A CreditDebitNotes | OE0240 OECRDH | x | x |  |  |
| OE64A Orders | OE0520 OEORDH | x | x |  |  |
| PO64A PurchaseOrders | PO0620 POPORH | x | x |  |  |
| PO64A Receipts | PO0700 PORCPH | x | x |  |  |
| PO64A Returns | 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/-/SAMLTD/AR/PostInvoices($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/-/SAMLTD/AR/PostInvoices($process)

| Endpoint | Accpac View | Supported verbs | | | |
| --- | --- | --- | --- | --- | --- |
| GET | POST | PUT | DELETE |
| AP64A CreateGLBatch | AP0042 APGLTR |  | x |  |  |
| AP64A CreateRecurringPayableBatch | AP0066 APRCUR |  | x |  |  |
| AP64A CreateRetainageDocumentBatch | AP0300 APIRTNG |  | x |  |  |
| AP64A DeleteInactiveRecords | AP0052 APPGIA |  | x |  |  |
| AP64A PostInvoices | AP0039 APIVPT |  | x |  |  |
| AP64A PostPaymentsAndAdjustments | AP0040 APPYPT |  | x |  |  |
| AR64A CreateGLBatch | AR0053 ARGLTR |  | x |  |  |
| AR64A CreateRecurringCharge | AR0059 ARRCUR |  | x |  |  |
| AR64A CreateRetainageDocumentBatch | AR0300 ARIRTNG |  | x |  |  |
| AR64A PostInvoices | AR0048 ARIVPT |  | x |  |  |
| AR64A PostReceiptsAndAdjustments | AR0049 ARPYPT |  | x |  |  |
| AR64A PostRefunds | AR0150 ARRFPT |  | x |  |  |
| GL64A PostJournal | GL0030 GLJPST |  | x |  |  |
| IC64A CreateGLBatch | IC0278 ICGLTR |  | x |  |  |
| IC64A DayEndProcessing | IC0275 ICDEND |  | x |  |  |
| PO64A CreateBatch | PO0353 POGLTR |  | x |  |  |
| PO64A DayEndProcessing | 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 |
| AP64A Num1099CPRSAmounts | AP0013 APCCS | x |  |  |  |
| AP64A PostedDocuments | AP0025 APOBL | x |  |  |  |
| AP64A PostedPayments | AP0029 APPYM | x |  |  |  |
| AP64A PostingErrorMessages | AP0038 APPTER | x |  |  |  |
| AP64A PostingJournalEntries | AP0511 APPJH | x |  |  |  |
| AP64A VendorStatistics | AP0019 APVSM | x |  |  |  |
| AR64A ItemStatistics | AR0027 ARITS | x |  |  |  |
| AR64A NationalAccountStatistics | AR0029 ARNSM | x |  |  |  |
| AR64A Payments | AR0139 ARPYM | x |  |  |  |
| AR64A PostedDocuments | AR0036 AROBL | x |  |  |  |
| AR64A PostedReceipts | AR0040 ARRRH | x |  |  |  |
| AR64A SalespersonStatistics | AR0030 ARSPS | x |  |  |  |
| BK64A BankCheckRegister | BK0009 BKREG | x |  |  |  |
| GL64A AccountFiscalSets | GL0103 GLAFS | x |  |  |  |
| GL64A PostedTransactions | GL0018 GLPOST | x |  |  |  |
| GL64A PostingJournalDetails | GL0016 GLPJD | x |  |  |  |
| GL64A ProvisionalPostingErrors | GL0013 GLPPER | x |  |  |  |
| GL64A RecurringJournalHeaders | GL0041 GLREH | x |  |  |  |
| IC64A AssemblyAuditListHeaders | IC0182 ICASSMH | x |  |  |  |
| IC64A AssemblyComponentCosts | IC0150 ICASCST | x |  |  |  |
| IC64A InventoryWorksheet | IC0770 ICWKL | x |  |  |  |
| IC64A InventoryWorksheetHeaders | IC0790 ICWKUH | x |  |  |  |
| OE64A Invoices | OE0420 OEINVH | x |  |  |  |
| OE64A PostingJournals | OE0120 OEAUDH | x |  |  |  |
| OE64A SalesHistory | OE0690 OESHHD | x |  |  |  |
| OE64A SalesHistoryDetails | OE0685 OESHDT | x |  |  |  |
| OE64A SalesStatistics | OE0700 OESTATS | x |  |  |  |
| PO64A CreditDebitNotes | PO0311 POCRNH | x |  |  |  |
| PO64A Invoices | PO0420 POINVH | x |  |  |  |
| TX64A TaxTracking | TX0011 TXAUDH | x |  |  |  |