



# 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](https://sage.com/us/partners).

## 2. 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
<code>{protocol}</code>	The application protocol enabled in IIS setup	http, https
<code>{host-application-path}</code>	The path to the Web API application	localhost/Sage300WebApi, yourdomain.com
<code>{company}</code>	The Org ID of the company being requested	SAMLTD, SAMINC
<code>{app-module}</code>	Sage 300 module where the requested resource resides	GL, AP, AR
<code>{resource}</code>	The data model being requested	Customers, Accounts

### 3. Master data endpoints

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

Endpoint	Accpac View	Supported verbs			
		GET	POST	PUT	DELETE
AP1099CPRSCodes	AP0007 APCLX	X	X	X	X
APAccountSets	AP0006 APRAS	X	X	X	X
APDistributionCodes	AP0005 APRDC	X	X	X	X
APDistributionSets	AP0009 APDSH	X	X	X	X
APPaymentCodes	AP0010 APPTP	X	X	X	X
APRecurringPayables	AP0064 APRPH	X	X	X	X
APRemitToLocations	AP0018 APVNR	X	X	X	X
APTerms	AP0012 APRTA	X	X	X	X
APVendorGroups	AP0016 APVGR	X	X	X	X
APVendors	AP0015 APVEN	X	X	X	X
ARAccountSets	AR0013 ARRAS	X	X	X	X
ARBillingCycles	AR0014 ARRBC	X	X	X	X
ARCommentTypes	AR0094 ARCMMP	X	X	X	X
ARCustomerGroups	AR0025 ARGRO	X	X	X	X
ARCustomers	AR0024 ARCUS	X	X	X	X
ARDistributionCodes	AR0015 ARRDC	X	X	X	X
ARDunningMessages	AR0008 ARDUN	X	X	X	X
ARItems	AR0010 ARITH	X	X	X	X
ARNationalAccounts	AR0028 ARNAT	X	X	X	X

Endpoint	Accpac View	Supported verbs			
		GET	POST	PUT	DELETE
ARPaymentCodes	AR0012 ARPTP	x	x	x	x
ARRecurringCharges	AR0046 ARSIA	x	x	x	x
ARSalespersons	AR0018 ARSAP	x	x	x	x
ARSalespersonStatistics	AR0030 ARSPS	x			
ARShipToLocations	AR0023 ARCSP	x	x	x	x
ARTerms	AR0016 ARRTA	x	x	x	x
BKBankDistributionCodes	BK0003 BKTT	x	x	x	x
BKBanks	BK0001 BKACCT	x	x	x	x
BKCreditCardTypes	BK0240 BKCCTYP	x	x	x	x
CSCCompanyProfile	CS0001 CSCOM	x		x	x
CSCurrencyCodes	CS0003 CSCCD	x	x	x	x
CSCurrencyRates	CS0005 CSCRH	x	x	x	x
CSCurrencyRateTypes	CS0004 CSCRT	x	x	x	x
CSFiscalCalendars	CS0002 CSFSC	x			
CSSchedules	CS0030 CSSKTB	x	x	x	x
GLAccountGroups	GL0055 GLACGRP	x	x	x	x
GLAccounts	GL0001 GLAMF	x	x	x	x
GLRevaluationCodes	GL0020 GLRVAL	x	x	x	x
GLSegmentCodes	GL0021 GLASV	x	x	x	x
GLSourceCodes	GL0002 GLSRCE	x	x	x	x
ICAccountSets	IC0100 ICACCT	x	x	x	x
ICBillsOfMaterial	IC0200 ICBOMH	x			
ICCategories	IC0210 ICCATG	x	x	x	x
ICItems	IC0310 ICITEM	x	x	x	x
ICItemStructures	IC0320 ICITMS	x	x	x	x
ICLocations	IC0370 ICLOC	x	x	x	x

Endpoint	Accpac View	Supported verbs			
		GET	POST	PUT	DELETE
ICPriceListCodes	IC0390 ICPCOD	x	x	x	x
ICUnitsOfMeasure	IC0746 ICUCOD	x	x	x	x
ICWeightUnitsOfMeasure	IC0758 ICWCOD	x	x	x	x
MTContactForms	MT0105 MTCONCF	x	x		
MTContacts	MT0100 MTCONC	x	x	x	x
OEMiscellaneousCharges	OE0440 OEMISC	x	x	x	x
OEShipViaCodes	OE0760 OEVIA	x	x	x	x
OETemplates	OE0540 OEPLAT	x	x	x	x
POAccountSets	PO0100 POACCT	x	x	x	x
POAdditionalCosts	PO0300 POACST	x	x	x	x
POTemplates	PO0605 POPLAT	x	x	x	x
POVendorContractCosts	PO0181 POVUPR	x	x	x	x
TXTaxAuthorities	TX0002 TXAUTH	x			
TXTaxGroups	TX0003 TXGRP	x			
TXTaxRates	TX0004 TXRATE	x			



## 4. Transaction endpoints

For transaction endpoints, only GET and/or 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
APInvoiceBatches	AP0020 APIBC	x	x		
APPaymentAndAdjustmentBatches	AP0030 APBTA	x	x		
ARInvoiceBatches	AR0031 ARIBC	x	x		
ARReceiptAndAdjustmentBatches	AR0041 ARBTA	x	x		
ARRefundBatches	AR0140 ARRFB	x	x		
BKBankEntries	BK0450 BKENTH	x	x		
GLJournalBatches	GL0008 GLBCTL	x	x		
ICAdjustments	IC0120 ICADEH	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			

Endpoint	Accpac View	Supported verbs			
		GET	POST	PUT	DELETE
POInvoices	PO0420 POINVH	x			
POPurchaseOrders	PO0620 POPORH	x	x		
POReceipts	PO0700 PORCPH	x	x		
PORequisitions	PO0760 PORQNH	x	x		
POReturns	PO0731 PORETH	x	x		

# 5. 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
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		

Endpoint	Accpac View	Supported verbs			
		GET	POST	PUT	DELETE
ICDayEndProcessing	IC0275 ICDEND		x		
POCreateBatch	PO0353 POGLTR		x		
PODayEndProcessing	PO0110 PODEND		x		

## 6. 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			
APPostingErrorMessage	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			