

Sage 300 Web API

Endpoint reference

December 2016

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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.

2. Web API request resource URL

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

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

Example:

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

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>v{version}</code>	The version of Sage 300 Web API	v1.0, v2.0 (v1.0 is Sage 300 2017 PU1)
<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	ARCustomers, GLAccounts

3. Master data endpoints

Master data endpoints are setup functions where you can do the following supported verbs.

Endpoint	Accpac View	Supported verbs				
		GET	POST	PUT	PATCH	DELETE
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, AP0008 APDSD	X	X	X	X	X
APPaymentCodes	AP0010 APPTP	X	X	X	X	X
APRecurringPayables	AP0064 APRPH, AP0065 APRPD, AP0405 APRPHO, AP0404 APRPDO	X	X	X	X	X
APRemitToLocations	AP0018 APVNR, AP0409 APVNRO	X	X	X	X	X
APTerms	AP0012 APRTA, AP0011 APRTB	X	X	X	X	X
APVendorGroups	AP0016 APVGR, AP0408 APVGRO	X	X	X	X	X
APVendors	AP0015 APVEN, AP0407 APVENO	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, AR0410 ARGROO	X	X	X	X	X
ARCustomers	AR0024 ARCUS, AR0400 ARCUSO	X	X	X	X	X
ARDistributionCodes	AR0015 ARRDC	X	X	X	X	X
ARDunningMessages	AR0008 ARDUN	X	X	X	X	X

Endpoint	Accpac View	Supported verbs				
		GET	POST	PUT	PATCH	DELETE
ARItems	AR0010 ARITH, AR0009 ARITD, AR0011 ARITT	X	X	X	X	X
ARNationalAccounts	AR0028 ARNAT, AR0411 ARNATO	X	X	X	X	X
ARPaymentCodes	AR0012 ARPTP	X	X	X	X	X
ARRecurringCharges	AR0046 ARSIA, AR0047 ARSID, AR0405 ARSIAO, AR0404 ARSIDO	X	X	X	X	X
ARSalespersons	AR0018 ARSAP	X	X	X	X	X
ARShipToLocations	AR0023 ARCSP, AR0412 ARCSPO	X	X	X	X	X
ARTerms	AR0016 ARRTA, AR0017 ARRTB	X	X	X	X	X
BKBankDistributionCodes	BK0003 BKTT, BK0860 BKTTX	X	X	X	X	X
BKBanks	BK0001 BKACCT, BK0002 BKCUR, BK0845 BKTRANH, BK0008 BKFORM, BK0870 BKUNMAT, BK0840 BKTRAND	X	X	X	X	X
BKCreditCardTypes	BK0240 BKCCTYP	X	X	X	X	X
CSCompanyProfile	CS0001 CSCOM	X		X	X	
CSCurrencyCodes	CS0003 CSCCD	X	X	X	X	X
CSCurrencyRates	CS0005 CSCRH, CS0006 CSCRD	X	X	X	X	X
CSCurrencyRateTypes	CS0004 CSCRT	X	X	X	X	X
CSFiscalCalendars	CS0002 CSFSC, CS0060 CSFSCST	X				
CSSchedules	CS0030 CSSKTB, CS0032 CSSKAP	X	X	X	X	X
GLAccountGroups	GL0055 GLACGRP	X	X	X	X	X
GLAccounts	GL0001 GLAMF, GL0004 GLAIS, GL0012 GLAVC, GL0107 GLCAS,	X	X	X	X	X

Endpoint	Accpac View	Supported verbs				
		GET	POST	PUT	PATCH	DELETE
	GL0400 GLAMFO, GL0401 GLAMFTO, GL0057 GLACHD, GL0063 GLPACHD					
GLRevaluationCodes	GL0020 GLRVAL	X	X	X	X	X
GLSourceCodes	GL0002 GLSRCE	X	X	X	X	X
ICAccountSets	IC0100 ICACCT	X	X	X	X	X
ICBillsOfMaterial	IC0200 ICBOMH, IC0190 ICBOMD	X				
ICCategories	IC0210 ICCATG, IC0220 ICCATTX	X	X	X	X	X
ICItems	IC0310 ICITEM, IC0750 ICUNIT, IC0330 ICITMTX, IC0340 ICITMV, IC0313 ICITEMO, IC0319 ICITMC, IC0314 ICITEMSO, IC0312 ICITEMLO	X	X	X	X	X
ICItemStructures	IC0320 ICITMS	X	X	X	X	X
ICLocations	IC0370 ICLOC	X	X	X	X	X
ICPriceListCodes	IC0390 ICPCOD, IC0395 ICPCCTX, IC0392 ICPCODC	X	X	X	X	X
ICUnitsOfMeasure	IC0746 ICUCOD	X	X	X	X	X
ICWeightUnitsOfMeasure	IC0758 ICWCOD	X	X	X	X	X
OEMiscellaneousCharges	OE0440 OEMISC, OE0460 OEMISCT, OE0450 OEMISCO	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, PO0290 POACD, PO0299 POACSTO	X	X	X	X	X
POTemplates	PO0605 POPLAT	X	X	X	X	X

Endpoint	Accpac View	Supported verbs				
		GET	POST	PUT	PATCH	DELETE
POVendorContractCosts	PO0181 POVUPR, PO0191 POVUMB, PO0192 POVUMS, PO0183 POVUTX	X	X	X	X	X

4. Transaction endpoints

The following transaction 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	PATCH	DELETE
APInvoiceBatches	AP0020 APIBC, AP0021 APIBH, AP0022 APIBD, AP0401 APIBDO, AP0023 APIBS, AP0402 APIBHO	X	X			
APPaymentAndAdjustmentBatches	AP0030 APBTA, AP0031 APTCR, AP0032 APTCN, AP0033 APTCP, AP0034 APTCU, AP0406 APTCRO, AP0170 APTCC	X	X			
ARInvoiceBatches	AR0031 ARIBC, AR0032 ARIBH, AR0033 ARIBD, AR0401 ARIBDO, AR0034 ARIBS, AR0402 ARIBHO	X	X			
ARReceiptAndAdjustmentBatches	AR0041 ARBTA, AR0042 ARTCR, AR0043 ARTCN, AR0044 ARTCP, AR0045 ARTCU, AR0406 ARTCRO, AR0170 ARTCC	X	X			
ARRefundBatches	AR0140 ARRFB,	X	X			

Endpoint	Accpac View	Supported verbs				
		GET	POST	PUT	PATCH	DELETE
	AR0141 ARRFH, AR0142 ARRFD, AR0145 ARRFDJ, AR0143 ARRFHO					
BKBankEntries	BK0450 BKENTH, BK0460 BKENTD	X	X			
GLJournalBatches	GL0008 GLBCTL, GL0006 GLJEH, GL0010 GLJED, GL0402 GLJEDO	X	X			
ICAdjustments	IC0120 ICADEH, IC0110 ICADED, IC0125 ICADEHO, IC0115 ICADED0, IC0117 ICADEDS, IC0113 ICADEDL	X	X			
ICReceipts	IC0590 ICREEH, IC0580 ICREED, IC0595 ICREEHO, IC0585 ICREEDO, IC0587 ICREEDS, IC0582 ICREEDL	X	X			
ICShipments	IC0640 ICSHEH, IC0630 ICSHED, IC0645 ICSHEHO, IC0635 ICSHEDO, IC0632 ICSHEDL, IC0636 ICSHEDS	X	X			
ICTransfers	IC0740 ICTREH, IC0730 ICTRED, IC0741 ICTREHO, IC0735 ICTREDO, IC0738 ICTREDS, IC0733 ICTREDL	X	X			
OECreditDebitNotes	OE0240 OECRDH, OE0220 OECRDD, OE0140 OECOINC, OE0242 OECRDHO, OE0221 OECRDD0, OE0223 OECRDDB, OE0222 OECRDDD, OE0224 OECRDDDS, OE0225 OECRDDDL	X	X			

Endpoint	Accpac View	Supported verbs				
		GET	POST	PUT	PATCH	DELETE
	OE0227 OECRDDSD, OE0226 OECRDDDL					
OEInvoices	OE0420 OEINVH, OE0400 OEINVVD, OE0160 OECOINI, OE0720 OETERMI, OE0427 OEINVR, OE0422 OEINVHO, OE0401 OEINVDO, OE0403 OEINVDB, OE0402 OEINVDD, OE0404 OEINVDDS, OE0405 OEINVDDL, OE0407 OEINVDS, OE0406 OEINVDL	X				
OEOrders	OE0520 OEORDH, OE0500 OEORDD, OE0180 OECOINO, OE0740 OETERMO, OE0526 OEORDQ, OE0522 OEORDHO, OE0501 OEORDDO, OE0503 OEORDDB, OE0502 OEORDDD, OE0504 OEORDDDS, OE0506 OEORDDDL, OE0508 OEORDDS, OE0507 OEORDDL	X	X			
POCreditDebitNotes	PO0311 POCRNH, PO0309 POCRNC, PO0315 POCRNL, PO0320 POCRNS, PO0310 POCRNG, PO0325 POCRNW, PO0314 POCRNHO, PO0318 POCRNLO, PO0829 POCRNLL, PO0820 POCRNLS, PO0323 POCRNSO, PO0326 POCRND	X				
POInvoices	PO0420 POINVH, PO0416 POINVC, PO0430 POINVL,	X				

Endpoint	Accpac View	Supported verbs				
		GET	POST	PUT	PATCH	DELETE
	PO0440 POINVS, PO0436 POINVP, PO0419 POINVG, PO0438 POINVR, PO0444 POINVW, PO0423 POINVHO, PO0433 POINVLO, PO0819 POINVLL, PO0810 POINVLS, PO0443 POINVSO, PO0415 POINVD					
POPurchaseOrders	PO0620 POPORH, PO0610 POPORC, PO0630 POPORL, PO0632 POPORR, PO0619 POPORG, PO0623 POPORHO, PO0633 POPORLO	X	X			
POReceipts	PO0700 PORCPH, PO0695 PORCPC, PO0710 PORCPL, PO0718 PORCPV, PO0699 PORCPG, PO0705 PORCPR, PO0703 PORCPHO, PO0717 PORCPLO, PO0789 PORCPLL, PO0780 PORCPLS, PO0714 PORCPS, PO0719 PORCPSO, PO0696 PORCPD, PO0721 PORCPVO	X	X			
PORequisitions	PO0760 PORQNH, PO0750 PORQNC, PO0770 PORQNL, PO0759 PORQNG, PO0763 PORQNHO, PO0777 PORQNLV, PO0773 PORQNLO	X	X			
POReturns	PO0731 PORETH, PO0729 PORETC, PO0735 PORETL, PO0730 PORETG,	X	X			

Endpoint	Accpac View	Supported verbs				
		GET	POST	PUT	PATCH	DELETE
	PO0738 PORETHO, PO0739 PORETLO, PO0799 PORETLL, PO0790 PORETLS					

5. Process endpoints

Process endpoints invoke special service process resources to perform such tasks as posting invoices and generating GL batches.

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	PATCH	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	PATCH	DELETE
ICDayEndProcessing	IC0275 ICDEND		X			
POCreateBatch	PO0353 POGLTR		X			
PODayEndProcessing	PO0110 PODEND		X			

6. Document endpoints

Document endpoints are for reporting and inquiry purposes.

Endpoint	Accpac View	Supported verbs				
		GET	POST	PUT	PATCH	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				
ARSalespersonStatistics	AR0030 ARSPS	X				
GLAccountFiscalSets	GL0103 GLAFS	X				
GLPostedTransactions	GL0018 GLPOST	X				
GLPostingJournalDetails	GL0016 GLPJD	X				
GLProvisionalPostingErrors	GL0013 GLPPER	X				
OEPostingJournals	OE0120 OEAUDH, OE0100 OEAUDD, OE0123 OEAUDHP, OE0110 OEAUDDP, OE0105 OEAUDDD	X				
OESalesHistory	OE0690 OESHHD	X				

Endpoint	Accpac View	Supported verbs				
		GET	POST	PUT	PATCH	DELETE
OESalesHistoryDetails	OE0685 OESHDT	X				
OESalesStatistics	OE0700 OESTATS	X				
TXTaxTracking	TX0011 TXAUDH, TX0012 TXAUDD	X				

The following endpoints are specifically for Sage Intelligence Reporting Cloud.

Endpoint	Accpac View	Supported verbs				
		GET	POST	PUT	PATCH	DELETE
FRAccountGroups		X				
FRAccounts		X				
FRAccountStructures		X				
FRActuals		X				
FRBudgets		X				
FRCurrencies		X				
FRFiscalYearDetails		X				
FROpeningBalances		X				
FRQuantities		X				
FRSegmentCodes		X				
FRSegments		X				
FRSettings		X				