

Master Documentation: Oracle AP ERP Schema

This master document consolidates 10 core tables from the Oracle Accounts Payable (AP) ERP schema. The following key relationships and insights were identified:

Primary Table Relationships:

- AP_INVOICES_ALL is the central hub. It connects to:

- AP_CHECKS_ALL via CHECK_ID
- AP_INVOICE_DISTRIBUTIONS_ALL via INVOICE_ID
- AP_INVOICE_PAYMENTS_ALL via INVOICE_ID
- AP_PAYMENT_SCHEDULES_ALL via INVOICE_ID
- AP_HOLDS_ALL via INVOICE_ID
- AP_SUPPLIERS via VENDOR_ID
- AP_SUPPLIER_SITES_ALL via VENDOR_SITE_ID

- AP_SUPPLIER_SITES_ALL supports invoice routing and site-based payment setup, linked through VENDOR_ID and VENDOR_SITE_ID.

- AP_BANK_ACCOUNTS_ALL and AP_CHECK_FORMATS define how and where payments are executed, linked to payment method logic and GL code combinations.

- AP_BATCHES_ALL acts as a transactional envelope to group invoices, track control totals, and facilitate secure posting.

- AP_CHECKS_ALL ties to invoices via CHECK_ID, and to bank logic via BANK_ACCOUNT_ID.

- AP_INVOICE_DISTRIBUTIONS_ALL enables granular tracking of invoice lines across GL, PO, and project cost centers.

Design Observations:

- Oracle AP schema is highly normalized, separating invoice headers, lines, holds, payments, schedules, and distributions.

- The use of attribute fields (ATTRIBUTE1-15, GLOBAL_ATTRIBUTE1-20) across all tables allows flexibility and extensibility.

- Multi-Reporting Currency (MRC), VAT, withholding tax, and EFT setups are deeply integrated to support global operations.

- All tables include rich auditing metadata to ensure traceability (CREATED_BY, REQUEST_ID, etc.).

Oracle ERP View Documentation: AP.AP_CHECKS_ALL#

Overview

The AP.AP_CHECKS_ALL# view provides a comprehensive representation of check-related information in the Accounts Payable (AP) module. It includes details on payment status, amounts, associated bank accounts, vendors, document tracking, currency handling, and other customizable attributes. This view plays a critical role in auditing, financial reporting, reconciliation, and supplier payment tracking.

Column Descriptions - Basic Check Information

1. CHECK_ID: Unique identifier of the check.
2. CHECK_NUMBER: Number printed on the check.
3. CHECK_DATE: Date when the check was issued.
4. AMOUNT: Amount of the check.
5. CURRENCY_CODE: Currency of the check.
6. DESCRIPTION: Free-text description of the check or payment.

Bank Account Details

7. BANK_ACCOUNT_ID: Internal bank account ID (FK).
8. BANK_ACCOUNT_NAME: Name of the issuing bank account.
9. BANK_ACCOUNT_NUM: Bank account number.
10. BANK_ACCOUNT_TYPE: Type of bank account.
11. BANK_NUM: Bank identifier number.
12. EXTERNAL_BANK_ACCOUNT_ID: External bank account ID.
13. CE_BANK_ACCT_USE_ID: Bank account usage ID in Cash Management.

Vendor & Address Details

14. VENDOR_ID: ID of the vendor receiving the check.
15. VENDOR_NAME: Vendor's name.
16. VENDOR_SITE_ID: ID of vendor site.
17. VENDOR_SITE_CODE: Code for vendor site (branch/location).
18. ADDRESS_LINE1 ' ADDRESS_LINE4: Address lines.
19. CITY, STATE, PROVINCE, COUNTRY, COUNTY: Full vendor address.
20. ZIP: ZIP/postal code.

Payment Status & Lifecycle

21. STATUS_LOOKUP_CODE: Status of the check (e.g., CLEARED, RECONCILED).
22. STOPPED_AT, STOPPED_BY, STOPPED_DATE: Stop action info.
23. VOID_DATE, VOID_CHECK_ID, VOID_CHECK_NUMBER: Voided check data.
24. RELEASED_AT, RELEASED_BY, RELEASED_DATE: Release info.
25. ACKNOWLEDGED_FLAG: Indicates if payment was acknowledged.

Treasury & Payment Info

26. TREASURY_PAY_DATE: Treasury payment date.

Oracle ERP View Documentation: AP.AP_CHECKS_ALL#

- 27. TREASURY_PAY_NUMBER: Treasury payment number.
- 28. PAYMENT_METHOD_LOOKUP_CODE: Payment method code.
- 29. PAYMENT_METHOD_CODE: Payment method type (e.g., EFT, CHECK).
- 30. PAYMENT_TYPE_FLAG: Type of payment.
- 31. PAYMENT_ID: Payment identifier.
- 32. PAYMENT_PROFILE_ID: Profile used for payment processing.
- 33. SETTLEMENT_PRIORITY: Order in which this payment is settled.
- 34. TRANSFER_PRIORITY: Fund transfer urgency.
- 35. PAYMENT_DOCUMENT_ID: Related document ID.
- 36. PAYMENT_INSTRUCTION_ID: Payment instruction ID.
- 37. COMPLETED_PMTS_GROUP_ID: Group ID for completed payments.

Document Tracking

- 38. DOC_CATEGORY_CODE: Document category code.
- 39. DOC_SEQUENCE_ID: Document sequence ID.
- 40. DOC_SEQUENCE_VALUE: Document sequence number.
- 41. REQUEST_ID: Related request ID.

Clearing and Reconciliation

- 42. CLEARED_DATE: Date of clearance.
- 43. CLEARED_AMOUNT: Cleared amount.
- 44. CLEARED_BASE_AMOUNT: Base amount cleared.
- 45. CLEARED_ERROR_AMOUNT, CLEARED_ERROR_BASE_AMOUNT: Cleared error metrics.
- 46. CLEARED_CHARGES_AMOUNT, CLEARED_CHARGES_BASE_AMOUNT: Cleared charges.
- 47. RECONCILIATION_BATCH_ID: ID for reconciliation batch.
- 48. POSITIVE_PAY_STATUS_CODE: Status of Positive Pay file (e.g., UNSENT).

Exchange Rate Information

- 49. EXCHANGE_RATE, EXCHANGE_DATE, EXCHANGE_RATE_TYPE: Standard exchange fields.
- 50. CLEARED_EXCHANGE_RATE, CLEARED_EXCHANGE_DATE, CLEARED_EXCHANGE_RATE_TYPE: Cleared exchange details.
- 51. MATURITY_EXCHANGE_DATE, MATURITY_EXCHANGE_RATE, MATURITY_EXCHANGE_RATE_TYPE: Maturity FX rate info.

Multi-Currency (MRC) Fields

- 52. MRC_BASE_AMOUNT, MRC_CLEARED_BASE_AMOUNT
- 53. MRC_EXCHANGE_RATE, MRC_EXCHANGE_DATE, MRC_EXCHANGE_RATE_TYPE
- 54. MRC_CLEARED_EXCHANGE_RATE, MRC_CLEARED_EXCHANGE_DATE, MRC_CLEARED_EXCHANGE_RATE_TYPE
- 55. MRC_CLEARED_ERROR_BASE_AMOUNT, MRC_CLEARED_CHARGES_BASE_AMT
- 56. MRC_STAMP_DUTY_BASE_AMT, MRC_MATURITY_EXG_DATE, MRC_MATURITY_EXG_RATE, MRC_MATURITY_EXG_RATE_TYPE

Oracle ERP View Documentation: AP.AP_CHECKS_ALL#

Attribute Fields

- 57. ATTRIBUTE1 ' ATTRIBUTE15: Customizable columns for business-specific metadata.
- 58. ATTRIBUTE_CATEGORY: Category for attribute grouping.
- 59. GLOBAL_ATTRIBUTE1 ' GLOBAL_ATTRIBUTE20: Additional extensible fields.
- 60. GLOBAL_ATTRIBUTE_CATEGORY: Category for global attributes.

Party & Legal Entity Info

- 61. PARTY_ID: Identifier of related party (vendor, customer).
- 62. PARTY_SITE_ID: Location of related party.
- 63. RELATIONSHIP_ID: Link between payer and payee entities.
- 64. LEGAL_ENTITY_ID: ID of legal entity making the payment.

Miscellaneous

- 65. CHECKRUN_ID: Identifier for check run batch.
- 66. CHECKRUN_NAME: Name of the check run.
- 67. CHECK_FORMAT_ID, CHECK_STOCK_ID: Check template and stock.
- 68. PAYCARD_AUTHORIZATION_NUMBER, PAYCARD_REFERENCE_ID: Paycard details.
- 69. STAMP_DUTY_AMT: Tax amount for document.
- 70. BASE_AMOUNT: Base transaction amount.
- 71. ACTUAL_VALUE_DATE, ANTICIPATED_VALUE_DATE: Realized and expected value dates.
- 72. IBAN_NUMBER: International Bank Account Number.

Inferred Relationships & Business Logic

- Primary Key: CHECK_ID uniquely identifies records.
- Foreign Keys: Fields like VENDOR_ID, BANK_ACCOUNT_ID, ORG_ID, PARTY_ID are likely FK references to master tables.
- Statuses: Fields like STATUS_LOOKUP_CODE, ACKNOWLEDGED_FLAG, POSITIVE_PAY_STATUS_CODE provide payment lifecycle tracking.
- Extensibility: ATTRIBUTE and GLOBAL_ATTRIBUTE fields provide flexible customization for business-specific needs.
- Multi-Currency Support: MRC-prefixed fields allow detailed financial tracking in international environments.

Oracle ERP View Documentation: AP.AP_INVOICES_ALL

Overview

The `AP.AP_INVOICES_ALL` table in Oracle ERP contains comprehensive invoice-related information used in the Accounts Payable (AP) module. It supports tracking invoice creation, payment status, approval workflows, tax calculations, discounts, currency handling, and project accounting linkage. This table is crucial for financial reporting, auditing, and ERP process automation.

Core Invoice Information

1. INVOICE_ID: Primary key; unique identifier for the invoice.
2. INVOICE_NUM: Invoice number from vendor.
3. INVOICE_DATE: Date invoice was issued.
4. INVOICE_AMOUNT: Total invoice amount in original currency.
5. INVOICE_CURRENCY_CODE / PAYMENT_CURRENCY_CODE: Currency used.
6. PAYMENT_CROSS_RATE / PAYMENT_CROSS_RATE_TYPE / DATE: Cross rate info.
7. BASE_AMOUNT: Base invoice amount (before tax/adjustments).
8. AMOUNT_PAID: Amount paid against the invoice.
9. TAX_AMOUNT / TOTAL_TAX_AMOUNT / VALIDATED_TAX_AMOUNT: Tax details.
10. DISCOUNT_AMOUNT_TAKEN / AMOUNT_APPLICABLE_TO_DISCOUNT: Discount tracking.

Vendor & Organizational Info

11. VENDOR_ID / VENDOR_SITE_ID / REMIT_TO_SUPPLIER_ID / NAME / SITE: Supplier details.
12. ORG_ID / EXPENDITURE_ORGANIZATION_ID: Organizational ownership.
13. PARTY_ID / PARTY_SITE_ID / RELATIONSHIP_ID: Legal entities and business relationships.
14. VENDOR_CONTACT_ID / INTERNAL_CONTACT_EMAIL: Contact metadata.

Document & Currency Control

15. DOC_SEQUENCE_ID / VALUE / CATEGORY_CODE: Document control data.
16. EXCHANGE_RATE / TYPE / DATE: Invoice exchange rate.
17. MRC_* FIELDS: Multi-reporting currency support (amounts, rate, date).

Approval & Workflow

18. APPROVAL_STATUS / APPROVAL_DESCRIPTION / APPROVAL_READY_FLAG / ITERATION: Invoice approval tracking.
19. WFAPPROVAL_STATUS: Workflow approval state.
20. CREATED_BY / CREATION_DATE / LAST_UPDATED_BY / LAST_UPDATE_DATE / LOGIN: Audit metadata.

Status & Lifecycle

21. POSTING_STATUS: Status in General Ledger.
22. PAYMENT_STATUS_FLAG: Paid, partially paid, or pending.
23. CANCELLED_DATE / BY / AMOUNT / TEMP_CANCELLED_AMOUNT: Cancellation lifecycle.
24. HISTORICAL_FLAG / FORCE_REVALIDATION_FLAG: Archiving and validation override flags.
25. STATUS_LOOKUP_CODE: General lifecycle status.

Oracle ERP View Documentation: AP.AP_INVOICES_ALL

- 26. PREPAY_FLAG / RECURRING_PAYMENT_ID / ORIGINAL_PREPAYMENT_AMOUNT: Prepayment and recurring data.
- 27. PO_MATCHED_FLAG / PO_HEADER_ID / QUICK_PO_HEADER_ID: PO matching flags and references.

Accounting & Project Linkage

- 28. ACCTS_PAY_CODE_COMBINATION_ID: Code combo for AP distribution.
- 29. TERMS_ID / TERMS_DATE: Payment terms setup.
- 30. PROJECT_ID / TASK_ID / EXPENDITURE_TYPE / ITEM_DATE / CONTEXT: Project accounting.
- 31. PA_QUANTITY / PA_DEFAULT_DIST_CCID / AWARD_ID: Quantity and project cost centers.
- 32. DISTRIBUTION_SET_ID: Distribution sets tied to the invoice.
- 33. USSGL_TRANSACTION_CODE / CONTEXT: US Standard General Ledger linkage.

Additional Functional Attributes

- 34. ATTRIBUTE1 ' ATTRIBUTE15 / CATEGORY: Custom invoice fields.
- 35. GLOBAL_ATTRIBUTE1 ' GLOBAL_ATTRIBUTE20 / CATEGORY: Cross-org attributes.
- 36. AUTO_TAX_CALC_FLAG: Tax calculated automatically?
- 37. QUICK_CREDIT / CREDITED_INVOICE_ID: Credit memo linkage.
- 38. REFERENCE_1 to REFERENCE_5 / KEY1'KEY5: Miscellaneous reference metadata.
- 39. DOCUMENT_SUB_TYPE / PRODUCT_TABLE: Type-specific document info.
- 40. EXCLUDE_FREIGHT_FROM_DISCOUNT / DISC_IS_INV_LESS_TAX_FLAG: Discount rules.
- 41. ORIGINAL_INVOICE_AMOUNT: Reference before discount/tax.
- 42. PAYMENT_REASON_CODE / COMMENTS / FUNCTION / METHOD_CODE: Payment metadata.
- 43. DELIVERY_CHANNEL_CODE / PAYMENT_METHOD_LOOKUP_CODE / PAY_GROUP_LOOKUP_CODE: Payment grouping and channel.
- 44. PAYMENT_AMOUNT_TOTAL / PAY_CURR_INVOICE_AMOUNT / CONTROL_AMOUNT: Payment metrics.
- 45. NET_OF_RETAINAGE_FLAG / RELEASE_AMOUNT_NET_OF_TAX: Construction-focused fields.

Taxation & Remittance

- 46. SELF_ASSESSED_TAX_AMOUNT / SUPPLIER_TAX_INVOICE_*: Supplier tax fields.
- 47. TAX_INVOICE_RECORDING_DATE / INTERNAL_SEQ / TAX_RELATED_INVOICE_ID: Recorded tax info.
- 48. TAXATION_COUNTRY / USER_DEFINED_FISC_CLASS / TRX_BUSINESS_CATEGORY: Regional fiscal grouping.
- 49. REMITTANCE_MESSAGE1 ' 3 / UNIQUE_REMITTANCE_IDENTIFIER / URI_CHECK_DIGIT: Remittance metadata.
- 50. BANK_CHARGE_BEARER / EXTERNAL_BANK_ACCOUNT_ID: Bank payment handling.

Validation & Dispute

- 51. VALIDATION_REQUEST_ID / VALIDATION_WORKER_ID: Validation process.
- 52. DISPUTE_REASON: Reasons blocking invoice payment.
- 53. PAID_ON_BEHALF_EMPLOYEE_ID / REQUESTER_ID: Employee association.
- 54. CUST_REGISTRATION_CODE / NUMBER / PORT_OF_ENTRY_CODE: Regulatory info.

Inferred Relationships & Business Logic

Oracle ERP View Documentation: AP.AP_INVOICES_ALL

- The table links to Vendors, Purchase Orders, Employees, Projects, and General Ledger via keys like VENDOR_ID, PO_HEADER_ID, PROJECT_ID, TASK_ID, etc.
- Approval and validation go through defined workflow statuses and iterations.
- Supports international, multi-currency, tax compliance, and MRC reporting.
- Flexible attribute fields allow extension to support diverse enterprise requirements.
- Project-based cost tracking and US SGL compliance show support for government and grant-funded project management environments.

Additional Insight

Given the complete field set, `AP.AP_INVOICES_ALL` serves as the cornerstone of invoice lifecycle tracking within Oracle ERP. It is highly normalized, capable of handling global operations, and aligns with SOX-compliant audit principles. Its structure supports integration with procurement, treasury, projects, and tax modules, offering a holistic foundation for managing financial liabilities across complex enterprises.

Oracle ERP View Documentation: AP.AP_SUPPLIERS

Overview

The `AP.AP_SUPPLIERS` table in Oracle ERP holds essential information about suppliers engaged in business transactions. It serves as the foundation for managing vendor details in procurement, accounts payable, tax reporting, EDI integration, and compliance. It supports supplier master data, financial configurations, legal identifiers, receipt tolerances, and verification statuses. The table's extensibility and integration make it central to supplier lifecycle management.

Core Identification and Status

1. VENDOR_ID: Unique supplier ID (Primary Key).
2. VENDOR_NAME / VENDOR_NAME_ALT: Supplier's official and alternative names.
3. SEGMENT1'5: Business-defined segmentation codes for classification or legacy ID mapping.
4. SUMMARY_FLAG / ENABLED_FLAG / ONE_TIME_FLAG: Indicates type and active status.
5. EMPLOYEE_ID: Optionally links to an internal contact or account manager.
6. PARENT_VENDOR_ID: Supports hierarchical vendor groupings (e.g., holding & subsidiary).

Audit and User Info

7. LAST_UPDATE_DATE / LAST_UPDATED_BY / LAST_UPDATE_LOGIN: Audit trail fields.
8. CREATION_DATE / CREATED_BY: Record creation metadata.
9. REQUEST_ID / PROGRAM_ID / PROGRAM_APPLICATION_ID / PROGRAM_UPDATE_DATE: ERP program tracking data.

Organizational & Payment Info

10. ORG_ID / SET_OF_BOOKS_ID: Defines the accounting environment.
11. TERMS_ID / TERMS_DATE_BASIS / PAY_GROUP_LOOKUP_CODE / PAYMENT_PRIORITY: Payment conditions and priorities.
12. PAYMENT_METHOD_LOOKUP_CODE / EXCLUSIVE_PAYMENT_FLAG / PAYMENT_CURRENCY_CODE: Methods and constraints.
13. DISTRIBUTION_SET_ID: Defines AP distribution defaults.
14. ACCTS_PAY_CODE_COMBINATION_ID / PREPAY_CODE_COMBINATION_ID / EXPENSE_CODE_COMBINATION_ID: Accounting linkages for expenses and prepayments.
15. ALLOW_AWT_FLAG: Indicates if automatic withholding tax applies.

Tax & Regulatory Information

16. VAT_CODE / VAT_REGISTRATION_NUM / OFFSET_VAT_CODE / UNIQUE_TAX_REFERENCE_NUM: Key tax identifiers.
17. TAX_REPORTING_NAME / TYPE_1099 / NUM_1099 / INDIVIDUAL_1099: U.S. tax reporting references.
18. CIS_ENABLED_FLAG / VERIFICATION_NUMBER / VERIFICATION_REQUEST_ID / CIS_VERIFICATION_DATE: Fields for Construction Industry Scheme compliance.
19. FEDERAL_REPORTABLE_FLAG / STATE_REPORTABLE_FLAG: Flagging for U.S. tax filings.

Supplier Categorization & Certification

Oracle ERP View Documentation: AP.AP_SUPPLIERS

20. VENDOR_TYPE_LOOKUP_CODE / ORGANIZATION_TYPE_LOOKUP_CODE / STANDARD_INDUSTRY_CLASS: Defines business classification.
21. MINORITY_GROUP_LOOKUP_CODE / WOMEN_OWNED_FLAG / SMALL_BUSINESS_FLAG: Supplier diversity indicators.
22. BUS_CLASS_LAST_CERTIFIED_DATE / BY: Business classification verification metadata.
23. ATTRIBUTE_CATEGORY / ATTRIBUTE1'ATTRIBUTE15 / GLOBAL_ATTRIBUTE1'20 / GLOBAL_ATTRIBUTE_CATEGORY: Custom attributes for segmentation and localization.

Banking and EDI Information

24. BANK_ACCOUNT_NAME / BANK_ACCOUNT_NUM / BANK_NUM / BANK_BRANCH_TYPE: Supplier banking information.
25. EDI_PAYMENT_METHOD / FORMAT / REMITTANCE_METHOD / INSTRUCTION / TRANSACTION_HANDLING: Configurations for electronic data interchange (EDI).
26. IBAN, CHECK_DIGITS: Support for international bank validation.
27. BANK_CHARGE_BEARER: Who bears transaction fees.
28. FUTURE_DATED_PAYMENT_CCID: AP code for future payments.

Hold and Control Flags

29. HOLD_FLAG / HOLD_REASON / HOLD_BY / HOLD_DATE: Controls on supplier usage.
30. HOLD_ALL_PAYMENTS_FLAG / HOLD_FUTURE_PAYMENTS_FLAG / HOLD_UNMATCHED_INVOICES_FLAG: Payment restrictions.
31. PURCHASING_HOLD_REASON / CREATE_DEBIT_MEMO_FLAG: Procurement control.
32. MATCH_OPTION / MATCH_STATUS_FLAG: Invoice-to-PO matching behavior.

Invoice & Receipt Configuration

33. ALLOW_UNORDERED_RECEIPTS_FLAG / RECEIPT_REQUIRED_FLAG / INSPECTION_REQUIRED_FLAG: Receipt process controls.
34. PRICE_TOLERANCE / QTY_RCV_TOLERANCE / DAYS_EARLY/LATE_RECEIPT_ALLOWED: Tolerance levels.
35. RECEIVING_ROUTING_ID / QTY_RCV_EXCEPTION_CODE / RECEIPT_DAYS_EXCEPTION_CODE: Receipt validation workflow fields.
36. ENFORCE_SHIP_TO_LOCATION_CODE / SHIP_TO_LOCATION_ID / BILL_TO_LOCATION_ID: Logistics enforcement fields.

Tax Calculation Settings

37. AP_TAX_ROUNDING_RULE / AUTO_TAX_CALC_FLAG / AUTO_TAX_CALC_OVERRIDE / AMOUNT_INCLUDES_TAX_FLAG: Auto-calculated tax setup.
38. OFFSET_TAX_FLAG / EXCLUDE_FREIGHT_FROM_DISCOUNT: Additional tax or discount rules.
39. AUTO_CALCULATE_INTEREST_FLAG: System-calculated interest based on invoice terms.

Legal & Personal Details

40. PARTY_ID / PARENT_PARTY_ID: Supplier party integration across ERP modules.
41. FIRST_NAME / SECOND_NAME / LAST_NAME / SALUTATION: Contact person's details.
42. TRADING_NAME / COMPANY_REGISTRATION_NUMBER / NATIONAL_INSURANCE_NUMBER / NI_NUMBER:

Oracle ERP View Documentation: AP.AP_SUPPLIERS

Company identifiers and tax references.

43. WORK_REFERENCE / NAME_CONTROL: Internal or external references.

Compliance, Verification, and Matching

44. TCA_SYNC_* Fields: Synchronization with Trading Community Architecture (TCA).

45. VERIFICATION_REQUEST_ID / VERIFICATION_NUMBER / MATCH_STATUS_FLAG: Invoice validation control.

46. PAY_AWT_GROUP_ID / AWT_GROUP_ID: Withholding tax groups.

47. EDI & PROGRAM flags support automation and compliance workflows.

Inferred Relationships & Business Logic

- `VENDOR_ID` links this table to AP invoices (AP_INVOICES_ALL), checks (AP_CHECKS_ALL), and PO modules.
- Tax fields connect to tax reporting tables and configurations.
- `PARTY_ID` and TCA fields align suppliers with CRM/contact management modules.
- Distribution sets and code combinations tie into GL for automatic journal generation.
- Supplier controls influence behavior in P2P cycle (holds, receipts, tax).
- This table acts as a central supplier master, and feeds into downstream systems including payments, tax filing, and supplier performance analytics.

Oracle ERP View Documentation: AP.AP_SUPPLIER_SITES_ALL

Overview

The `AP.AP_SUPPLIER_SITES_ALL` table stores detailed site-level information for suppliers within the Oracle ERP Accounts Payable module. It plays a crucial role in defining how suppliers are engaged for payments, shipments, taxation, and communications. Each site typically corresponds to a physical or functional location like billing, remit-to, or purchasing addresses. This table supports multi-org, tax compliance, and automated payment workflows.

Key Identifiers and Metadata

1. VENDOR_SITE_ID: Primary Key - unique identifier for supplier site.
2. VENDOR_ID: FK to AP.AP_SUPPLIERS.
3. VENDOR_SITE_CODE / ALT: Logical name for the site (e.g., HEAD_OFFICE).
4. ORG_ID: Operating unit reference.
5. CREATION_DATE, CREATED_BY, LAST_UPDATE_DATE, LAST_UPDATED_BY, LAST_UPDATE_LOGIN: Standard audit fields.
6. REQUEST_ID / PROGRAM_ID / PROGRAM_APPLICATION_ID / PROGRAM_UPDATE_DATE: Metadata for request tracking.

Address and Location

7. ADDRESS_LINE1'4, CITY, STATE, PROVINCE, COUNTY, ZIP, COUNTRY: Full address.
8. AREA_CODE, PHONE, FAX_AREA_CODE, FAX, EMAIL_ADDRESS, REMITTANCE_EMAIL: Contact details.
9. LOCATION_ID / PARTY_SITE_ID / DEFAULT_PAY_SITE_ID: TCA or location-based integration.
10. ADDRESS_STYLE / LANGUAGE: Address formatting preferences.

Site Usage Flags

11. PURCHASING_SITE_FLAG, PAY_SITE_FLAG, RFQ_ONLY_SITE_FLAG: Indicates how the site is used.
12. PRIMARY_PAY_SITE_FLAG: Indicates if this is the primary pay site.
13. PCARD_SITE_FLAG: Flags if a purchase card is used.
14. PAY_ON_CODE / PAY_ON_RECEIPT_SUMMARY_CODE: Pay-on-receipt policies.
15. SHIPPING_CONTROL: Shipment controls associated with site.

Payment and Banking

16. BANK_ACCOUNT_NAME, BANK_ACCOUNT_NUM, BANK_ACCOUNT_TYPE, BANK_NUM, BANK_NUMBER, BANK_BRANCH_TYPE: Supplier banking fields.
17. PAYMENT_METHOD_LOOKUP_CODE, EDI_PAYMENT_METHOD, EDI_PAYMENT_FORMAT, EDI_REMITTANCE_METHOD, EDI_REMITTANCE_INSTRUCTION: EDI and payment automation fields.
18. BANK_CHARGE_BEARER: Indicates charge ownership ('I' = Supplier).
19. FUTURE_DATED_PAYMENT_CCID: GL account for future-dated payments.
20. EXCLUSIVE_PAYMENT_FLAG: Supplier expects exclusive payments.
21. PAYMENT_CURRENCY_CODE, INVOICE_CURRENCY_CODE: Currency tracking per site.

Matching and Receipts

22. MATCH_OPTION: Controls PO-invoice matching (e.g., 2-way, 3-way).

Oracle ERP View Documentation: AP.AP_SUPPLIER_SITES_ALL

- 23. ALLOW_AWT_FLAG: Automatic Withholding Tax enabled?
- 24. PAY_AWT_GROUP_ID / AWT_GROUP_ID: Withholding tax group linkage.
- 25. TOLERANCE_ID / SERVICES_TOLERANCE_ID: Receipt/invoice tolerances.
- 26. RECEIPT_TOLERANCES and QTY_TOLERANCE controls (PRICE_TOLERANCE, GAPLESS_INV_NUM_FLAG).

Financial and Tax Configuration

- 27. TERMS_ID, TERMS_DATE_BASIS, PAY_GROUP_LOOKUP_CODE, PAYMENT_PRIORITY, PAY_DATE_BASIS_LOOKUP_CODE: Payment configuration.
- 28. ACCTS_PAY_CODE_COMBINATION_ID, PREPAY_CODE_COMBINATION_ID, DISTRIBUTION_SET_ID: Financial distributions and accounting.
- 29. AP_TAX_ROUNDING_RULE, AUTO_TAX_CALC_FLAG, AUTO_TAX_CALC_OVERRIDE, OFFSET_TAX_FLAG: Tax behavior.
- 30. AMOUNT_INCLUDES_TAX_FLAG: Indicates if tax is included in invoice total.
- 31. VAT_REGISTRATION_NUM / OFFSET_VAT_CODE / VAT_CODE: VAT and indirect tax support.

Flags and Holds

- 32. HOLD_ALL_PAYMENTS_FLAG / FUTURE / UNMATCHED: Various payment hold controls.
- 33. HOLD_REASON: Justification for the hold.
- 34. TAX_REPORTING_SITE_FLAG: Whether this site is used for tax reporting.
- 35. EXCLUDE_FREIGHT_FROM_DISCOUNT: Determines if freight costs are excluded from discounts.
- 36. CREATE_DEBIT_MEMO_FLAG: Allows creation of debit memos for the site.

Extended Attributes and Compliance

- 37. ATTRIBUTE1'15 / ATTRIBUTE_CATEGORY / GLOBAL_ATTRIBUTE1'20 / GLOBAL_ATTRIBUTE_CATEGORY: Business-extensible fields.
- 38. CAGE_CODE / CCR_COMMENTS: U.S. government supplier classifications.
- 39. DEBARMENT_START_DATE / END_DATE: Track supplier debarment status.
- 40. SMALL_BUSINESS_CODE: Federal small business classification.
- 41. LEGAL_BUSINESS_NAME, DOING_BUS_AS_NAME, DIVISION_NAME: Legal/trade identifiers.
- 42. DUNS_NUMBER: Global business ID.
- 43. SELLING_COMPANY_IDENTIFIER / TP_HEADER_ID / ECE_TP_LOCATION_CODE: Trading Partner metadata.

Inferred Relationships & Business Logic

- VENDOR_ID links this table to AP_SUPPLIERS.
- LOCATION_ID, PARTY_SITE_ID, ORG_ID integrate with TCA and operating units.
- ACCTS_PAY_CODE_COMBINATION_ID and PREPAY_CODE_COMBINATION_ID map to GL accounts.
- Program and request IDs support concurrent processing auditing.
- MATCH_OPTION, TAX_FLAGS, HOLD_FLAGS, and EDI_FIELDS define how the site behaves in procurement-to-payment workflows.
- Commonly used in conjunction with AP_INVOICES_ALL for invoice routing and payment application.

Business Impact Summary

The AP.AP_SUPPLIER_SITES_ALL table is foundational for site-level financial governance in Oracle ERP. It allows the

Oracle ERP View Documentation: AP.AP_SUPPLIER_SITES_ALL

business to distinguish operational behavior across branches of a single vendor's supporting purchasing, payment, tax reporting, remittances, and automation workflows. Proper configuration is essential for ensuring compliant transactions, timely payment execution, and accurate tax treatment.

Oracle ERP View Documentation: AP.AP_INVOICE_PAYMENTS_ALL

Overview

The `AP.AP_INVOICE_PAYMENTS_ALL` table stores detailed records of all invoice payments within the Oracle ERP Accounts Payable (AP) module. This includes accounting, bank, exchange rate, discount, and payment tracking. It is essential for financial management, audit trails, multi-currency reporting, and integration with suppliers, journals, and payment systems.

Core Payment Tracking

1. INVOICE_PAYMENT_ID: Primary key.
2. INVOICE_ID: FK to AP invoices.
3. PAYMENT_NUM: Reference number for the payment.
4. AMOUNT / PAYMENT_BASE_AMOUNT / INVOICE_BASE_AMOUNT: Financial amounts in original and base currencies.
5. DISCOUNT_TAKEN / DISCOUNT_LOST: Discount metrics.
6. ACCOUNTING_DATE / PERIOD_NAME: Date context for the transaction.
7. SET_OF_BOOKS_ID: Book where this payment is recorded.
8. CASH_POSTED_FLAG / ACCRUAL_POSTED_FLAG / POSTED_FLAG: Indicates various posting states.
9. REVERSAL_FLAG / REVERSAL_INV_PMT_ID: Tracks reversed payments.

Bank and Check Info

10. CHECK_ID: FK to AP.AP_CHECKS_ALL.
11. BANK_ACCOUNT_NUM / TYPE / IBAN_NUMBER / BANK_NUM: Payment account data.
12. EXTERNAL_BANK_ACCOUNT_ID: Linked external bank account.
13. ELECTRONIC_TRANSFER_ID: Tracks EFT transactions.

Accounting and Code Combinations

14. ACCTS_PAY_CODE_COMBINATION_ID / ASSET_CODE_COMBINATION_ID: Expense/asset account combinations.
15. GAIN_CODE_COMBINATION_ID / LOSS_CODE_COMBINATION_ID: Exchange-related gain/loss tracking.
16. FUTURE_PAY_CODE_COMBINATION_ID: Account combination for future payments.
17. CASH_JE_BATCH_ID / JE_BATCH_ID: Journal entry linkage.

Audit and Org Info

18. CREATED_BY / CREATION_DATE / LAST_UPDATED_BY / LAST_UPDATE_DATE / LAST_UPDATE_LOGIN: Audit trail.
19. ORG_ID: Organizational context.
20. INVOICING_PARTY_ID / INVOICING_PARTY_SITE_ID / INVOICING_VENDOR_SITE_ID: Related supplier party linkage.
21. REMIT_TO_SUPPLIER_ID / NAME / SITE / SITE_ID: Where the payment was sent.

Currency and Exchange Details

22. EXCHANGE_DATE / RATE / RATE_TYPE: Applied exchange rate info.

Oracle ERP View Documentation: AP.AP_INVOICE_PAYMENTS_ALL

- 23. MRC_EXCHANGE_DATE / MRC_EXCHANGE_RATE / MRC_EXCHANGE_RATE_TYPE: Multi-currency exchange.
- 24. MRC_PAYMENT_BASE_AMOUNT / MRC_INVOICE_BASE_AMOUNT: Base currency values.
- 25. MRC_GAIN_CODE_COMBINATION_ID / MRC_LOSS_CODE_COMBINATION_ID: Exchange gain/loss tracking.

Flexible Attributes

- 26. ATTRIBUTE1'ATTRIBUTE15 / ATTRIBUTE_CATEGORY: Customizable fields.
- 27. GLOBAL_ATTRIBUTE1'GLOBAL_ATTRIBUTE20 / GLOBAL_ATTRIBUTE_CATEGORY: Organization-wide fields.

Asset and Payment Classification

- 28. INVOICE_PAYMENT_TYPE: Type of payment (e.g., standard, prepayment).
- 29. ASSETS_ADDITION_FLAG: Indicates if payment was used to create an asset.

Inferred Relationships and Business Logic

- INVOICE_ID links to AP_INVOICES_ALL for invoice details.
- CHECK_ID connects to AP_CHECKS_ALL for payment instruments.
- External and internal bank account IDs map to supplier financial profiles.
- Journal and cash batch IDs link this table to GL entries.
- Flags like POSTED and REVERSAL ensure accurate financial state tracking.
- Exchange rate fields support multi-currency ERP operations and financial reporting.
- Supplier and site fields link to AP_SUPPLIERS and AP_SUPPLIER_SITES_ALL respectively.

Business Impact Summary

The AP.AP_INVOICE_PAYMENTS_ALL table is essential for tracking payment execution, reconciliation, and compliance within Oracle ERP. It integrates financial, banking, and supplier modules while supporting advanced features like multi-currency accounting, EFT, reversals, and gain/loss capture. Accurate population of this table is vital for payment integrity and financial accuracy in ERP workflows.

Oracle ERP View Documentation: AP.AP_PAYMENT_SCHEDULES_ALL

Overview

The `AP.AP_PAYMENT_SCHEDULES_ALL` table is part of Oracle ERP's Accounts Payable (AP) module. It is used to manage and track the payment status and schedules of invoices. It includes key data points like due dates, discount terms, gross and remaining amounts, payment methods, supplier remittance information, and various accounting flags. It is central to scheduling payments, identifying due liabilities, and supporting both automation and compliance in payment processing workflows.

Core Payment Fields

1. INVOICE_ID: Foreign key to AP invoices.
2. PAYMENT_NUM: The installment/payment sequence number for split payments.
3. AMOUNT_REMAINING / GROSS_AMOUNT: Balance and full payment value.
4. DUE_DATE / DISCOUNT_DATE / SECOND_DISCOUNT_DATE / THIRD_DISCOUNT_DATE: Critical payment deadlines.
5. DISCOUNT_AMOUNT_AVAILABLE / DISCOUNT_AMOUNT_REMAINING: Discount tracking.
6. PAYMENT_STATUS_FLAG: Y/N for whether this payment line is active.
7. PAYMENT_PRIORITY: Determines order or urgency of payment (e.g., 99 = default).
8. FUTURE_PAY_DUE_DATE: Future scheduled due date for deferred payments.

Audit & Control Fields

9. CREATED_BY / CREATION_DATE / LAST_UPDATED_BY / LAST_UPDATE_DATE / LAST_UPDATE_LOGIN: Standard audit trail.
10. HOLD_FLAG: Whether payment is placed on hold.
11. BATCH_ID: ID for batch processing of payments.
12. ORG_ID: Organization context for the payment schedule.
13. DBI_EVENTS_COMPLETE_FLAG: Y/N flag for internal ERP workflow triggers.
14. CHECKRUN_ID: ID of the associated check run if any.

Supplier & Remittance Info

15. REMIT_TO_SUPPLIER_ID / NAME / SITE / SITE_ID: Target supplier for payment.
16. RELATIONSHIP_ID: Link between buyer and supplier in shared service setups.
17. EXTERNAL_BANK_ACCOUNT_ID: Target bank account for payment.
18. IBY_HOLD_REASON: Reason for hold if from Oracle Payments module.
19. REMITTANCE_MESSAGE1'3: Notes to be sent to supplier with payment.

Payment Method & Currency

20. PAYMENT_METHOD_LOOKUP_CODE / PAYMENT_METHOD_CODE: Payment execution type (e.g., EFT, Check).
21. PAYMENT_CROSS_RATE: Exchange rate used for currency conversion.
22. INV_CURR_GROSS_AMOUNT: Invoice gross amount in invoice currency.

Attributes and Custom Fields

Oracle ERP View Documentation: AP.AP_PAYMENT_SCHEDULES_ALL

- 23. ATTRIBUTE1'ATTRIBUTE15 / ATTRIBUTE_CATEGORY: Business-defined fields.
- 24. GLOBAL_ATTRIBUTE1'GLOBAL_ATTRIBUTE20 / GLOBAL_ATTRIBUTE_CATEGORY: Global extensibility.
- 25. GLOBAL_ATTRIBUTE19 & 20: Additional fields for extensions.
- 26. Tightly integrated with flexible tax and payment extensions.

Inferred Relationships & Business Logic

- INVOICE_ID links to AP_INVOICES_ALL.
- REMIT_TO_SUPPLIER_ID and *_SITE_ID reference AP_SUPPLIERS and AP_SUPPLIER_SITES_ALL.
- PAYMENT_NUM distinguishes multiple schedules per invoice.
- ORG_ID ties into operating units and financial ledgers.
- Fields like PAYMENT_PRIORITY, STATUS_FLAG, and DUE_DATE govern invoice payment execution logic.
- DISCOUNT_* and HOLD_FLAG influence cash flow management and compliance.
- The table is designed to feed into AP_INVOICE_PAYMENTS_ALL and AP_CHECKS_ALL downstream.

Business Impact Summary

The AP.AP_PAYMENT_SCHEDULES_ALL table enables precise control of payment timing, prioritization, and vendor settlement. It supports discount management and split invoice payments while feeding downstream processes like check runs and accounting. Proper usage of this table enables accurate cash forecasts, timely vendor payments, and full traceability for audits.

Oracle ERP View Documentation: AP.AP_HOLDS_ALL

Overview

The `AP.AP_HOLDS_ALL` table in Oracle ERP stores information related to holds placed on transactions, particularly invoices, within the Accounts Payable (AP) module. Holds prevent further processing of a transaction until a discrepancy or requirement is resolved. The table supports auditing, workflow tracking, and resolution automation.

Core Hold Fields

1. HOLD_ID: Unique primary key identifier for the hold record.
2. INVOICE_ID: FK to AP_INVOICES_ALL; associates the hold with a specific invoice.
3. LINE_LOCATION_ID: FK to invoice line location (nullable).
4. LINE_NUMBER: Specific invoice line involved, if applicable.
5. HOLD_LOOKUP_CODE: Type of hold (e.g., PRICE, QUALITY, DIST VARIANCE).
6. HOLD_REASON: Textual reason for the hold.
7. HOLD_DETAILS: Additional details explaining the hold.

Hold Status & Workflow

8. HOLD_DATE: Date the hold was placed.
9. STATUS_FLAG: 'S' (still held) or 'R' (released).
10. WF_STATUS: Workflow status for release/approval steps.
11. RELEASE_LOOKUP_CODE: Code indicating how the hold was resolved (e.g., FUNDS AVAILABLE).
12. RELEASE_REASON: Free text reason explaining the release.
13. VALIDATION_REQUEST_ID: ID for automated validations used in hold release.

User and Audit Information

14. HELD_BY: User ID of the person who placed the hold.
15. CREATED_BY / CREATION_DATE: Metadata on hold creation.
16. LAST_UPDATED_BY / LAST_UPDATE_DATE / LAST_UPDATE_LOGIN: Standard audit fields.
17. RESPONSIBILITY_ID: Role under which the hold action was performed.

Organizational and Receiving Info

18. ORG_ID: Organization that owns the transaction.
19. RCV_TRANSACTION_ID: FK to receiving transaction if related to material or service receipt.

Attributes and Extension Fields

20. ATTRIBUTE_CATEGORY: Classification label.
21. ATTRIBUTE1'ATTRIBUTE15: Generic extensible fields for custom data.

Inferred Relationships & Business Logic

- INVOICE_ID connects to AP_INVOICES_ALL for invoice status tracking.
- LINE_LOCATION_ID may reference invoice distributions or PO distributions.
- STATUS_FLAG and HOLD_LOOKUP_CODE are critical for reporting unresolved exceptions.

Oracle ERP View Documentation: AP.AP_HOLDS_ALL

- WF_STATUS, VALIDATION_REQUEST_ID, and HELD_BY integrate with workflow automation and exception handling.
- RCV_TRANSACTION_ID links the hold to receiving transactions, ensuring traceability across procure-to-pay processes.

Business Impact Summary

The AP.AP_HOLDS_ALL table enables compliance and control across AP processing. It identifies transactional discrepancies requiring resolution before payment or posting. The table integrates with user roles, validations, and workflows, ensuring auditability and operational integrity.

Oracle ERP View Documentation: AP.AP_INVOICE_DISTRIBUTIONS_ALL

Overview

The `AP.AP_INVOICE_DISTRIBUTIONS_ALL` table in Oracle ERP stores detailed invoice distribution data for the Accounts Payable (AP) module. It includes financial, taxation, matching, encumbrance, MRC (Multi-Reporting Currency), project accounting, and audit tracking details. This table is critical in ensuring the traceability of invoice expenditures and ensuring regulatory compliance.

Core Distribution Fields

1. INVOICE_DISTRIBUTION_ID: Primary key for each distribution entry.
2. INVOICE_ID: Links to the parent invoice.
3. DISTRIBUTION_LINE_NUMBER: Line number in the invoice.
4. AMOUNT / BASE_AMOUNT: Distribution financial value.
5. ACCOUNTING_DATE / PERIOD_NAME: When and where the distribution is recognized.
6. LINE_TYPE_LOOKUP_CODE: Type of line (ITEM, ACCRUAL, TAX, etc.).
7. DIST_CODE_COMBINATION_ID / ACCTS_PAY_CODE_COMBINATION_ID: GL account linkage.

Project & Asset Tracking

8. PROJECT_ID / TASK_ID / EXPENDITURE_TYPE / EXPENDITURE_ORGANIZATION_ID: Link to project costing.
9. ASSET_BOOK_TYPE_CODE / ASSET_CATEGORY_ID: Asset management categorization.
10. PA_ADDITION_FLAG / PA_CMT_XFACE_FLAG: Project accounting integration.
11. MERCHANT_NAME / DOCUMENT / TAX_ID: For supplier and merchant references.
12. PARENT_INVOICE_ID: Supports invoice hierarchies.

Matching & Reconciliation

13. MATCH_STATUS_FLAG / FINAL_MATCH_FLAG / PO_DISTRIBUTION_ID: 3-way/2-way match status.
14. PRICE_CORRECT_INV_ID / PRICE_CORRECT_QTY / PRICE_ADJUSTMENT_FLAG: Tracks corrections.
15. QUANTITY_INVOICED / UNIT_PRICE / QUANTITY_VARIANCE: Validation of what was invoiced vs. expected.
16. OLD_DISTRIBUTION_ID / CORRECTED_INVOICE_DIST_ID: Historical linkage and reversals.

Multi-Reporting Currency (MRC) & Tax Info

17. MRC_* fields: Complete set of MRC tracking (amounts, rates, journal batches, etc.).
18. VAT_CODE / TAX_CODE_ID / TAXABLE_AMOUNT / RECOVERY_RATE_*: Tax recovery tracking.
19. AWT_* fields: Automatic Withholding Tax support.
20. AMOUNT_VARIANCE / TAX_RECOVERY_OVERRIDE_FLAG: Tax reconciliation support.

Encumbrance & Receipt Verification

21. ENCUMBERED_FLAG / AMOUNT_ENCUMBERED: Funds reservation.
22. RECEIPT_REQUIRED_FLAG / RECEIPT_VERIFIED_FLAG / RECEIPT_MISSING_FLAG: Goods received checks.
23. RCV_TRANSACTION_ID / RCV_CHARGE_ADDITION_FLAG: Receipt alignment.
24. EXPENSE_GROUP / DAILY_AMOUNT / JUSTIFICATION: Categorized expense control.

Oracle ERP View Documentation: AP.AP_INVOICE_DISTRIBUTIONS_ALL

Custom, Web, and Misc Fields

- 25. ATTRIBUTE1'ATTRIBUTE15 / ATTRIBUTE_CATEGORY: Org-specific fields.
- 26. GLOBAL_ATTRIBUTE1'GLOBAL_ATTRIBUTE20: Extended metadata fields.
- 27. WEB_PARAMETER_ID / PROGRAM_ID / REQUEST_ID: Technical and UI integration.
- 28. AWARD_ID / BC_EVENT_ID: Ties to grants and business events.

Flags, Hierarchies, and Special Features

- 29. CANCELLATION_FLAG / CANCELLED_FLAG / REVERSAL_FLAG: Track invoice reversals.
- 30. LINE_GROUP_NUMBER / ROOT_DISTRIBUTION_ID / RELATED_ID: Line hierarchy.
- 31. FINAL_RELEASE_ROUNDING / ROUNDING_AMT: Rounding adjustments.
- 32. FULLY_PAID_ACCTD_FLAG: Payment completeness.

Inferred Relationships & Business Logic

- Strong relationships with AP_INVOICES_ALL via INVOICE_ID.
- Related to PO distributions, receipts, and project modules via TASK_ID, PROJECT_ID, RCV_TRANSACTION_ID.
- Tax integration supports VAT and withholding scenarios.
- Global extensibility and MRC features make it critical for global implementations.
- Merges AP and FA module functionality in complex invoice lifecycle scenarios.

Business Use Summary

The AP.AP_INVOICE_DISTRIBUTIONS_ALL table is a pivotal record keeper in the Oracle ERP AP module. It ensures every invoice line is correctly categorized, posted, and matched to business rules. Through tax tracking, asset/project links, and currency handling, it provides deep support for global, multi-entity financial operations.

Oracle ERP View Documentation: AP.AP_CHECK_FORMATS

Overview

The `AP.AP_CHECK_FORMATS` table stores configuration data for check layouts used by Oracle ERP's Accounts Payable module. It helps define how checks appear, how stubs are formatted, and how many invoices per stub are allowed. This is crucial to ensure payments are printed correctly and comply with internal or country-specific standards.

Core Format Configuration

1. CHECK_FORMAT_ID: Unique ID of the check format (Primary Key).
2. NAME: Human-readable name of the check format (e.g., 'Short Format').
3. STUB_FIRST_FLAG: Y/N ' indicates whether stub is printed before check.
4. INVOICES_PER_STUB: Max number of invoices shown per stub.
5. OVERFLOW_RULE: Optional rule to handle overflow invoices.
6. PRE_NUMBERED_FLAG: Indicates if checks are pre-printed with numbers.
7. CHECK_LENGTH / STUB_LENGTH: Physical dimensions of check & stub (unused).
8. STUB_VENDOR_NUM_ROW_LINE, STUB_FIRST_INVOICE_ROW_LINE: Layout positions for vendor info.
9. Various *_ROW_LINE fields: Indicate vertical positions of elements like amount, vendor name, address on the check.

Payment Program & Currency Setup

10. PAYMENT_METHOD_LOOKUP_CODE: Method (e.g., CHECK, EFT, WIRE).
11. CURRENCY_CODE: Currency used for the payment (e.g., USD, EUR).
12. MULTI_CURRENCY_FLAG: Y/N ' supports multi-currency printing.
13. BUILD_PAYMENTS_PROGRAM_ID / FORMAT_PAYMENTS_PROGRAM_ID /
CREATE_PAYMENTS_PROGRAM_ID / CONFIRM_PAYMENTS_PROGRAM_ID: IDs of programs responsible for building, formatting, creating, and confirming payments.
14. REMITTANCE_ADVICE_PROGRAM_ID: Program used to generate remittance advice.
15. SEPARATE_REMITTANCE_ADVICE: Y/N ' whether remittance advice is separate.

Layout Control & Flags

16. PRINT_CHECK_STUB: Y/N ' controls whether to print stub.
17. GROUP_BY_DUE_DATE: Y/N ' whether to group payments by due date.
18. ZERO_AMOUNTS_ONLY: Y/N ' restricts format to zero-amount checks.
19. BANK_FILE_CHARACTER_SET: Encoding used in file output (for bank compatibility).
20. TRANSMISSIONS_FLAG: Indicates transmission to another system.
21. EFT_TYPE: Type of electronic transfer format (if used).

Audit and Metadata

22. CREATED_BY / CREATION_DATE / LAST_UPDATED_BY / LAST_UPDATE_DATE / LAST_UPDATE_LOGIN: Standard audit fields.
23. ZD_EDITION_NAME / ZD_SYNC: Used for edition-based redefinition and sync status.

Extensibility

24. ATTRIBUTE_CATEGORY / ATTRIBUTE1'15: Business-defined extensibility fields.

Oracle ERP View Documentation: AP.AP_CHECK_FORMATS

25. GLOBAL_ATTRIBUTE_CATEGORY / GLOBAL_ATTRIBUTE1'20: Global-level configuration fields.

Inferred Relationships & Business Logic

- Often linked indirectly to AP_CHECKS_ALL or AP_INVOICE_PAYMENTS_ALL when a payment requires formatting.
- PAYMENT_METHOD_LOOKUP_CODE may map to payment configuration tables for method-specific validation.
- PRINT_CHECK_STUB, GROUP_BY_DUE_DATE, and REMITTANCE flags influence the formatting logic in Oracle Payments or AP Payments workflows.
- Programs (FORMAT, CREATE, REMIT) should align with system setup for formatting and validating check output.
- This table allows customization per country, currency, or legal requirements (e.g., Europe vs. US EFT layout).

Business Use Summary

The AP.AP_CHECK_FORMATS table is key for defining how checks and payment stubs appear in Oracle ERP. It enhances control over payment presentation, simplifies localization, and ensures that automation processes like remittance generation or EFT formatting are standardized and accurate. While often overlooked, its setup has direct operational impact on vendor satisfaction and payment compliance.

Oracle ERP View Documentation: AP.AP_BANK_ACCOUNTS_ALL

Overview

The `AP.AP_BANK_ACCOUNTS_ALL` table in Oracle ERP holds comprehensive details about bank accounts used in the Accounts Payable (AP) module. It supports critical payment functionalities including vendor payments, payroll disbursements, EFT setups, reconciliation processes, and multi-currency handling. This table is tightly linked with General Ledger (GL) accounting via various CCIDs and is essential for managing compliant, trackable financial flows.

Core Identification and Metadata

1. BANK_ACCOUNT_ID: Primary key.
2. BANK_ACCOUNT_NAME / BANK_ACCOUNT_NAME_ALT: Display and alternate names.
3. BANK_ACCOUNT_NUM / IBAN_NUMBER / CHECK_DIGITS: Core account identifiers.
4. BANK_ACCOUNT_TYPE / ACCOUNT_TYPE: Descriptive account classification (e.g., checking, savings).
5. ACCOUNT_HOLDER_NAME / ACCOUNT_HOLDER_NAME_ALT: Name of account owner.
6. AGENCY_LOCATION_CODE: Branch or agency code.
7. ORG_ID: Owning organization.
8. INACTIVE_DATE: Deactivation timestamp.
9. SET_OF_BOOKS_ID: Associated ledger context.

Audit and Program Tracking

10. CREATED_BY / CREATION_DATE / LAST_UPDATED_BY / LAST_UPDATE_DATE / LAST_UPDATE_LOGIN: Change tracking fields.
11. REQUEST_ID / PROGRAM_ID / PROGRAM_APPLICATION_ID / PROGRAM_UPDATE_DATE: Background process tracking.

Currency & Amount Restrictions

12. CURRENCY_CODE / MULTI_CURRENCY_FLAG / RECEIPT_MULTI_CURRENCY_FLAG: Currency setup and compatibility.
13. MAX_CHECK_AMOUNT / MIN_CHECK_AMOUNT / MAX_OUTLAY: Financial thresholds per account.
14. ZERO_AMOUNTS_ALLOWED: Whether zero-amount transactions are permitted.

EFT, Payroll, and E-Discounting Support

15. EFT_REQUESTER_ID / EFT_USER_NUMBER: EFT authorization fields.
16. PAYROLL_BANK_ACCOUNT_ID: Dedicated payroll account.
17. EDISC_RECEIVABLES_TRX_ID / UNEDISC_RECEIVABLES_TRX_ID: E-Discounting linkage fields.

General Ledger Integration (CCIDs)

18. ASSET_CODE_COMBINATION_ID / GAIN_CODE_COMBINATION_ID / LOSS_CODE_COMBINATION_ID: Profit/loss distribution.
19. CASH_CLEARING_CCID / BANK_CHARGES_CCID / BANK_ERRORS_CCID: Clearing and reconciliation.
20. FACTOR_CCID / RECEIPT_CLEARING_CCID / REMITTANCE_CCID: Transaction-specific CCIDs.
21. SHORT_TERM_DEPOSIT_CCID / EARNED_CCID / UNEARNED_CCID / ON_ACCOUNT_CCID / UNAPPLIED_CCID / UNIDENTIFIED_CCID / BR_REMITTANCE_CCID / BR_FACTOR_CCID: Specialized clearing and

Oracle ERP View Documentation: AP.AP_BANK_ACCOUNTS_ALL

reconciliation tracking.

Extensibility

- 22. ATTRIBUTE_CATEGORY / ATTRIBUTE1'15: Business-custom fields.
- 23. GLOBAL_ATTRIBUTE_CATEGORY / GLOBAL_ATTRIBUTE1'20: Global extensible fields.
- 24. VALIDATION_NUMBER: Custom logic flag or numeric validator.

Behavioral Flags

- 25. ONE_SIGNATURE_MAX_FLAG: Whether a single signatory is sufficient.
- 26. ALLOW_MULTI_ASSIGNMENTS_FLAG: Permits multiple uses of the account.
- 27. POOLED_FLAG: Indicates account pooling for consolidated funds.

Inferred Relationships & Business Logic

- Linked to GL via all CCID columns.
- Related to supplier payments, EFT, payroll, and EDISC logic.
- Supports auto-posting, reconciliation, and receivables alignment via transaction ID fields.
- IBAN and check digit fields support international validations.
- Attribute fields enhance flexibility for multi-organization use cases.

Business Impact Summary

`AP.AP_BANK_ACCOUNTS_ALL` is a master reference for bank accounts across Oracle ERP's AP module. It centralizes payment behavior, financial validation, reconciliation links, and banking compliance. Proper configuration of this table enables audit-ready tracking, seamless global transactions, and risk-mitigated disbursement processes.

Oracle ERP View Documentation: AP.AP_BATCHES_ALL

Overview

The `AP.AP_BATCHES_ALL` table is part of the Oracle ERP Accounts Payable module. It stores information about transaction batches, each representing a collection of invoices or payments grouped together for processing. This enables efficient control, auditing, and financial reporting. Batches help validate consistency between expected and actual invoice data, and facilitate secure and organized financial workflows.

Core Batch Fields

1. BATCH_ID: Primary key; unique identifier of the batch.
2. BATCH_NAME: Human-readable name of the batch (e.g., VENDOR_FEB_2024).
3. BATCH_DATE: Creation or processing date.
4. INVOICE_CURRENCY_CODE / PAYMENT_CURRENCY_CODE: Currency context of the batch.
5. CONTROL_INVOICE_COUNT / TOTAL / ACTUAL_INVOICE_COUNT / TOTAL: Expected vs actual invoice metrics for reconciliation.
6. PAY_GROUP_LOOKUP_CODE: Grouping logic for payments within the batch.
7. TERMS_ID: Linked payment terms configuration.
8. GL_DATE: Posting date for the batch in the General Ledger.

Hold and Document Status

9. HOLD_LOOKUP_CODE / HOLD_REASON: Indicates if the batch is on hold and why.
10. INVOICE_TYPE_LOOKUP_CODE: Classifies invoices (e.g., STANDARD, CREDIT).
11. DOC_CATEGORY_CODE: Associated document classification.
12. PAYMENT_PRIORITY: Payment urgency within the batch.

Audit and Organization Info

13. ORG_ID: Operating unit or business group owning the batch.
14. CREATED_BY / CREATION_DATE / LAST_UPDATED_BY / LAST_UPDATE_DATE / LAST_UPDATE_LOGIN: Standard audit trail.
15. REQUEST_ID / PROGRAM_ID / PROGRAM_APPLICATION_ID / PROGRAM_UPDATE_DATE: Tracks background processing metadata.

Extensibility

16. ATTRIBUTE_CATEGORY / ATTRIBUTE1'ATTRIBUTE15: Customizable business-defined fields for batch-level extensions.
17. BATCH_CODE_COMBINATION_ID: GL account combination for the batch.

Inferred Relationships & Business Logic

- BATCH_ID is central for grouping multiple invoice and payment transactions.
- CONTROL and ACTUAL counts/totals enable error handling and validation.
- TERMS_ID and PAY_GROUP_LOOKUP_CODE connect the batch to payment policy definitions.
- May relate to invoice headers, payment schedules, and GL journals downstream.
- GL_DATE ties the batch directly to accounting periods and ledgers.

Oracle ERP View Documentation: AP.AP_BATCHES_ALL

Business Use Summary

`AP.AP_BATCHES_ALL` is essential for operational control and audit readiness. By grouping transactions into reconciled sets, organizations can validate financial correctness before payment execution or posting. It supports reconciliation, approval workflows, and structured processing in high-volume environments.