

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2023 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____ ☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan SAP AMERICA, INC. 401(K) PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 07/01/1988
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) SAP AMERICA, INC. 3999 WEST CHESTER PIKE NEWTOWN SQUARE, PA 19073
2b	Employer Identification Number (EIN) 36-3556041
2c	Plan Sponsor's telephone number 610-661-1000
2d	Business code (see instructions) 454390

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	06/21/2024	PENSRI PHIJITPAIWAL-TRAN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	06/21/2024	PENSRI PHIJITPAIWAL-TRAN
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 27411
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6a(1) 18856 6a(2) 18420 6b 201 6c 8125 6d 26746 6e 81 6f 26827 6g(1) 27316 6g(2) 26689 6h 221
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....	7

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2E 2F 2G 2J 2K 2R 2T

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
- (2) ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary
- (4) ☐ **DCG** (Individual Plan Information) – Number Attached _____
- (5) ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information – Small Plan)
- (3) ☐ **A** (Insurance Information) – Number Attached _____
- (4) ☒ **C** (Service Provider Information)
- (5) ☒ **D** (DFE/Participating Plan Information)
- (6) ☐ **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2023 Form M-1 annual report. If the plan was not required to file the 2023 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection.

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan SAP AMERICA, INC. 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 SAP AMERICA, INC.	D Employer Identification Number (EIN) 36-3556041	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
THE VANGUARD GROUP, INC.
23-1945930

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
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(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

VANGUARD ADVISERS INC.

23-2811930

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
26	NONE	3080759	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

THE VANGUARD GROUP, INC.

23-1945930

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 16 25 33 37 52 99	NONE	823706	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
THE VANGUARD GROUP, INC.	99	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
TD AMERITRADE, INC. 06-0988655	UP TO \$25 PER QUARTER, PER ACTIVE BROKERAGE PARTICIPANT; UP TO A \$50 ONE TIME PER PARTICIPANT BROKER AGE SET-UP FEE AS COMPENSATION FOR VANGUARD'S INITIAL/ONGOING ENHANCEMENTS TO INTEGRATE TD AMERITRADE'S BROKERAGE SERVICE FOR PLAN PARTICIPANTS	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
THE VANGUARD GROUP, INC.	99	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
CHARLES SCHWAB & CO., INC. 94-1737782	UP TO \$25 PER QUARTER, PER ACTIVE BROKERAGE PARTICIPANT; UP TO A \$50 ONE TIME PER PARTICIPANT BROKER AGE SET-UP FEE AS COMPENSATION FOR VANGUARD'S INITIAL/ONGOING ENHANCEMENTS TO INTEGRATE SCHWAB'S BROKERAGE SERVICE FOR PLAN PARTICIPANTS	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
THE VANGUARD GROUP, INC.	99	27441
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
HEALTH EQUITY, INC. 52-2383166	FOR PLAN SPONSORS THAT HAVE ENGAGED HEALTH EQUITY INC. AS THEIR HEALTH SAVINGS ACCOUNT PROVIDER, VANGUARD & HEALTHEQUITY HAVE CREATED A CROSS-PLATFORM USER EXPERIENCE THAT WILL INTEGRATE PARTICIPANTS HSA INFORMATION WITH OTHER RETIREMENT PLAN ACCOUNTS	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan <u>SAP AMERICA, INC. 401(K) PLAN</u>	B Three-digit plan number (PN) ▶	<u>001</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>SAP AMERICA, INC.</u>	D Employer Identification Number (EIN) <u>36-3556041</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC RETIREMENT SAVINGS TRUST III

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

c EIN-PN <u>38-7041744-024</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>307314841</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD INSTITUTIONAL 500 IDX TRST

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

c EIN-PN <u>81-6327546-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>1279758592</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD INST. TTL BND IDX TRST

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

c EIN-PN <u>81-6320144-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>386529608</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC INST TTL INT ST MRKT IND TRST

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

c EIN-PN <u>81-6317280-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>441030467</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC INST EXT MRKT INDEX TRUST

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

c EIN-PN <u>81-6324211-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>364800318</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RETIREMENT INCO TRST PL

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

c EIN-PN <u>90-0735883-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>38556669</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RETIREMENT 2020 TRST PL

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

c EIN-PN <u>90-0735899-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>56962190</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RETIREMENT 2025 TRST PL		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 90-0735963-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 152775237
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RETIREMENT 2030 TRST PL		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 90-0735964-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 227730070
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RETIREMENT 2035 TRST PL		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 90-0735965-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 268400546
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RETIREMENT 2040 TRST PL		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 90-0735971-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 220930173
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RETIREMENT 2045 TRST PL		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 90-0735972-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 169356375
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RETIREMENT 2050 TRST PL		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 90-0735976-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 134113172
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RETIREMENT 2055 TRST PL		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 90-0735978-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 95000050
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RETIREMENT 2060 TRST PL		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 45-3799736-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 51569517
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RETIREMENT 2065 TRST PL		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 82-6204383-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 17191079
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RETIREMENT 2070 TRST PL		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 88-6095930-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3563116

a Name of MTIA, CCT, PSA, or 103-12 IE: T.R.PRICE BLUE CHIP GRWTH TRST C T4

b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY

c EIN-PN 80-0470272-004	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
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a Name of MTIA, CCT, PSA, or 103-12 IE: ALLSPRING SPECIAL SMALL CAP VALUE E

b Name of sponsor of entity listed in (a): ALLSPRING GLOBAL INVESTMENTS

c EIN-PN 83-6834374-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 19018208
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a Name of MTIA, CCT, PSA, or 103-12 IE: BLACKROCK MIDCAP GROWTH EQUITY T

b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST CO

c EIN-PN 86-1246908-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 37614340
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a Name of MTIA, CCT, PSA, or 103-12 IE: JPMCB LARGE CAP GROWTH FUND; CF-A C

b Name of sponsor of entity listed in (a): JPMORGAN ASSET MANAGEMENT

c EIN-PN 45-4173185-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 358074868
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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Part II Information on Participating Plans (to be completed by DFEs, other than DCGs)

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan SAP AMERICA, INC. 401(K) PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 SAP AMERICA, INC.	D Employer Identification Number (EIN) 36-3556041	

Part I	Asset and Liability Statement
---------------	--------------------------------------

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	21908478	23945776
(2) Participant contributions	1b(2)	6268900	7337012
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	37963814	39706279
(9) Value of interest in common/collective trusts	1c(9)	3842077454	4630289436
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	2311664805	2614223755
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)	95367660	138876841

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	58641511	80898518
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	6373892622	7535277617
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	6373892622	7535277617

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	123923308	
(B) Participants	2a(1)(B)	300525042	
(C) Others (including rollovers)	2a(1)(C)	26052705	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		450501055
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	2151642	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		2151642
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	1156129	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	121051213	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		122207342
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	14980885	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	12007973	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		2972912
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	24487144	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		757125560
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		233881745
c Other income	2c		32890306
d Total income. Add all income amounts in column (b) and enter total	2d		1626217706

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	459895364	
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other	2e(3)	1039317	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		460934681
f Corrective distributions (see instructions)	2f		40935
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees.....	2i(2)		
(3) Recordkeeping fees.....	2i(3)		
(4) IQPA audit fees.....	2i(4)		
(5) Investment advisory and investment management fees	2i(5)		
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)	3859265	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		3859265
j Total expenses. Add all expense amounts in column (b) and enter total	2j		464834881

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		1161382825
l Transfers of assets:			
(1) To this plan	2l(1)		2170
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☐ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☒ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: **KREISCHER MILLER**

(2) EIN: **23-1980475**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) ☐ This form is filed for a CCT, PSA, DCG or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		☒	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		☒	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		☒	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		☒	
e Was this plan covered by a fidelity bond?	☒		2000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		☒	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		☒	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)		☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		☒	
l Has the plan failed to provide any benefit when due under the plan?		☒	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		☒	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan SAP AMERICA, INC. 401(K) PLAN		B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 SAP AMERICA, INC.		D Employer Identification Number (EIN) 36-3556041
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 23-2186884		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year		3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A		
If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____		
If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)		6a
b Enter the amount contributed by the employer to the plan for this plan year		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock? ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2023 v. 230707		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:		
a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment)	14a	
b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b	
c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c	
15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
a The corresponding number for the plan year immediately preceding the current plan year	15a	
b The corresponding number for the second preceding plan year	15b	
16 Information with respect to any employers who withdrew from the plan during the preceding plan year:		
a Enter the number of employers who withdrew during the preceding plan year	16a	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	
17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐	
19 If the total number of participants is 1,000 or more, complete lines (a) and (b):	
a Enter the percentage of plan assets held as: Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____% High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____%	
b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets: ☐ 0-5 years ☐ 5-10 years ☐ 10-15 years ☐ 15 years or more	
20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.	
a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No	
b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:	
☐ Yes.	
☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.	
☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.	
☐ No. Other. Provide explanation. _____	

Part VII	IRS Compliance Questions
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21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☒ Yes ☐ No	
21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).	
☐ Design-based safe harbor method	
☒ "Prior year" ADP test	
☐ "Current year" ADP test	
☐ N/A	
22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter <u>01 / 01 / 2023</u> (MM/DD/YYYY) and the Opinion Letter serial number _____.	

Independent Auditors' Report

The Plan Participants and The Benefits Committee of SAP America, Inc.
SAP America, Inc. 401(k) Plan
Newtown Square, Pennsylvania

Opinion

We have audited the financial statements of SAP America, Inc. 401(k) Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of December 31, 2023 and 2022, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of SAP America, Inc. 401(k) Plan as of December 31, 2023 and 2022, and the changes in net assets available for benefits for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of SAP America, Inc. 401(k) Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about SAP America, Inc. 401(k) Plan's ability to continue as a going concern for one year after the date that the financial statements are issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the plan and determining that the plan's transactions that are presented and disclosed in the financial statements are in conformity with the plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, individually or in the aggregate, they would influence the judgement made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audits.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audits in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of SAP America, Inc. 401(k) Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about SAP America, Inc. 401(k) Plan's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Supplemental Schedule Required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental Schedule H, Line 4i – Schedule of Assets (Held at End of Year) as of December 31, 2023 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the accompanying schedule is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

A handwritten signature in cursive script, reading "Kreischer Miller".

Horsham, Pennsylvania
June 18, 2024

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 11-K

(Mark One)

☒ **ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the fiscal year ended December 31, 2023

OR

☐ **TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from _____ to _____

Commission file number 001-14251

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

**SAP America, Inc. 401(k) Plan
SAP America, Inc.
3999 West Chester Pike
Newtown Square, PA 19073**

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

**SAP SE
Dietmar-Hopp-Allee 16
69190 Walldorf
Federal Republic of Germany**

Exhibit Index appears on page II-2

**SAP AMERICA, INC.
401(k) PLAN**

Table of Contents

	Page
<u>Report of Independent Registered Public Accounting Firm</u>	1
<u>Statements of Net Assets Available for Benefits, December 31, 2023 and 2022</u>	3
<u>Statements of Changes in Net Assets Available for Benefits, Years Ended December 31, 2023 and 2022</u>	4
<u>Notes to Financial Statements</u>	5
Schedule	
<u>1 Schedule H, Line 4i – Schedule of Assets (Held at End of Year), December 31, 2023</u>	11
Exhibits	
<u>Exhibit 23.1</u>	

Note: All other schedules required by the Department of Labor's *Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974* (ERISA) have been omitted because there is no information to report.

Report of Independent Registered Public Accounting Firm

The Plan Participants and The Benefits Committee of SAP America, Inc.
SAP America, Inc. 401(k) Plan

Opinion on the Financial Statements

We have audited the accompanying statements of net assets available for benefits of SAP America, Inc. 401(k) Plan (the Plan) as of December 31, 2023 and 2022, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes and schedule (collectively referred to as the financial statements). In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits of the SAP America, Inc. 401(k) Plan as of December 31, 2023 and 2022, and the changes in net assets available for benefits for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Plan in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Supplemental Information

The supplemental information in the accompanying Schedule H, Line 4i – Schedule of Assets (Held at End of Year) as of December 31, 2023, has been subjected to audit procedures performed in conjunction with the audit of the SAP America, Inc. 401(k) Plan’s financial statements. The supplemental information is the responsibility of the Plan’s management. Our audit procedures included determining whether the supplemental information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information in the accompanying schedule, we evaluated whether the supplemental information, including its form and content, is presented in conformity with the Department of Labor’s Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the accompanying schedule is fairly stated, in all material respects, in relation to the financial statements as a whole.

/s/ Kreischer Miller

We have served as the Plan’s auditor since 2015.

Horsham, Pennsylvania
June 18, 2024

SAP AMERICA, INC.
401(k) PLAN

Statements of Net Assets Available for Benefits

December 31, 2023 and 2022

	<u>2023</u>	<u>2022</u>
Assets:		
Investments, at fair value	\$ 7,464,288,550	\$ 6,307,751,430
Receivables:		
Notes receivable from participants	39,706,279	37,963,814
Employer contributions	23,945,776	21,908,478
Participant contributions	7,337,012	6,268,900
Total receivables	<u>70,989,067</u>	<u>66,141,192</u>
Net assets available for benefits	<u>\$ 7,535,277,617</u>	<u>\$ 6,373,892,622</u>

See accompanying notes to financial statements.

SAP AMERICA, INC.
401(k) PLAN

Statements of Changes in Net Assets Available for Benefits
Years Ended December 31, 2023 and 2022

	2023	2022
Additions:		
Investment income/(loss):		
Net appreciation/(depreciation) in fair value of investments	\$1,042,609,706	\$(1,550,505,000)
Interest and dividend income	130,441,879	170,863,886
Total investment income/(loss)	1,173,051,585	(1,379,641,114)
Interest income from notes receivable from participants	2,151,642	1,685,259
Contributions:		
Employer	123,923,308	122,564,418
Participant	300,525,042	288,602,925
Rollovers and other	26,566,129	35,566,273
Total contributions	451,014,479	446,733,616
Total additions/(deductions)	1,626,217,706	(931,222,239)
Deductions:		
Deductions from net assets attributed to:		
Benefits paid to participants	460,910,154	313,653,549
Administrative expenses	3,859,265	3,643,374
Total deductions	464,769,419	317,296,923
Increase/(decrease) before transfers	1,161,448,287	(1,248,519,162)
Net transfer (out)/in of the Plan	(63,292)	1,760,884
Net Increase/(Decrease)	1,161,384,995	(1,246,758,278)
Net assets available for benefits:		
Beginning of year	6,373,892,622	7,620,650,900
End of year	<u>\$7,535,277,617</u>	<u>\$ 6,373,892,622</u>

See accompanying notes to financial statements.

SAP AMERICA, INC.
401(k) PLAN

Notes to Financial Statements

(1) Description of Plan

The following description of SAP America, Inc. 401(k) Plan (the Plan) provides only general information. Participants should refer to the Plan agreement for a complete description of the Plan's provisions.

(a) General

The Plan is a defined contribution plan covering all employees of SAP America, Inc., SAP International, Inc., SAP Labs, LLC, SAP Public Services, Inc., SAP Global Marketing, Inc., SAP National Security Services, Inc., SAP Industries, Inc., Callidus, Inc., Sybase, Inc., Ariba, Inc., SuccessFactors, Inc., Hipmunk, Inc., Concur Technologies, Inc., TRX, Inc., Signavio Inc., and Hybris (U.S.) Corporation (collectively, the Company or the Companies). There are no minimum age or service requirements for employees to become eligible to participate in the Plan. The Plan is subject to the provisions of the *Employee Retirement Income Security Act of 1974* (ERISA). The Plan is also subject to certain provisions of the *Internal Revenue Code of 1986* (the Code). The Companies were subsidiaries of SAP SE (the Parent Company or SAP) during the Plan years presented.

(b) Contributions

Participants may contribute, on a pre-tax basis, a portion of their eligible annual compensation, as defined by the Plan, not to exceed \$22,500 for 2023 and \$20,500 for 2022. The Plan limits eligible compensation to the amount prescribed by Section 401(a)(17) of the Code for purposes of compensation reduction contributions and limits the amount of annual additions to the amount prescribed by Section 415(c) of the Code. Participants direct the investment of their contributions into various investment options offered by the Plan. The Plan currently offers 12 registered investment companies, one money market fund, the Parent Company's ADR Stock Fund and 20 common collective trusts as investment options for participants. A self-directed brokerage account option is also available to allow participants to select investment options not specifically offered by the Plan. During 2023 and 2022, the Company matched 75% of the first 6% of eligible compensation that a participant contributes to the Plan. For purposes of employer matching and employer discretionary contributions, the Company's limit for eligible compensation for purposes of calculating the employer match in 2023 and 2022 is \$330,000 and \$305,000, respectively. Employees are permitted to make pre-tax and after-tax contributions of up to 25% of compensation. Participants are permitted to make different contribution elections for (a) compensation consisting of bonuses and commissions, and (b) all other wages. The matching employer contribution is invested as directed by the participant and paid on a quarterly basis. The Plan allows participants to elect Roth type tax treatment for a portion or all of their retirement plan contributions. Participants must be on active payroll with the Company as of the last day of the quarter to be eligible for the employer match.

Additional employer discretionary contributions may be contributed at the option of the Company and are invested as directed by the participant. Employer discretionary contributions were not made in 2023 or 2022. When made, the employer discretionary contributions are allocated to participants who, with respect to the plan year for which a contribution is made, are employed by the Company on the last day of the plan year, have worked 1,000 hours in that year, and have elected a deferral contribution. The employer discretionary contributions are allocated as an additional matching contribution.

The applicable dollar limits on pre-tax contributions allow individuals who have reached age 50 by the end of the Plan year, and who can no longer make additional pre-tax contributions because of limitations imposed by the Code or the Plan, to make additional “catch-up contributions” for that year. Eligible individuals were able to make “catch-up contributions” up to the lesser of (a) the individual’s compensation for the year less any other deferrals, or (b) \$7,500 for 2023 and \$6,500 for 2022.

(c) *Transfers*

The net assets transferred (out)/in of the Plan were \$(63,292) and \$1,760,884 for 2023 and 2022, respectively. In 2023, this amount consisted primarily of \$(65,462) related to the transfers out of the Plan. In 2022, this amount consisted of \$1,760,884 related to the transfers into the Plan.

(d) *Participant Accounts*

All employer and employee contributions made to the Plan on behalf of a participant are credited to the account established in that participant’s name. As of each valuation date, each participant’s account, after considering any contributions made on behalf of that participant and allocated to their account, is credited with earnings/losses attributable to the participant’s chosen investments. The benefit to which a participant is entitled is the benefit that can be provided from the participant’s vested account. All amounts credited to the participant’s account are invested as directed by the participant. All dividends, capital gain distributions, and other earnings received on investment options are specifically credited to a participant’s account and are immediately used to invest in additional shares of those investment options. Participant recordkeeping and administrative expenses are deducted directly from participant investment accounts.

(e) *Vesting*

Participants are vested immediately in their contributions plus actual earnings/losses thereon. Vesting in the employer contribution to their accounts is based on years of service as defined in the Plan. A participant is 50% vested after two years of service and 100% vested after three years of service.

(f) *Forfeitures*

Forfeitures are used to pay administrative expenses (in lieu of allocation to participant accounts) and/or to offset required employer contributions. For the years ended in December 31, 2023 and 2022, forfeitures of \$3,000,000 and \$0 (zero), respectively, were used to offset required employer contributions. At December 31, 2023 and 2022, forfeited non-vested accounts totaled \$3,687,623 and \$2,397,074, respectively.

(g) *Notes Receivable from Participants*

Participants may borrow up to a maximum of \$50,000 or 50% of their vested account balance, whichever is less. The majority of the Plan’s outstanding notes receivable from participants are secured by the vested balance in each participant’s account with original terms of up to 60 months; however, a longer term may be permitted in accordance with the Plan document. The notes receivable from participants bear interest at rates, which are based upon the prevailing commercial lending rates charged by professional lenders for similarly secured personal loans. The rate currently set by the Plan Administrator is the prime interest rate plus 1% and is adjusted for new loans weekly. During the term of the loan, the rate is fixed. A maximum of two notes receivable with outstanding balances is permitted at any time for each participant. Principal and interest are paid through payroll deductions. As of December 31, 2023, the interest rates on participant notes range from 4.25% to 9.50%.

(h) *Payment of Benefits*

Upon termination of employment, a participant may elect to receive a distribution equal to the value of the participant’s vested interest in their account in the form of a lump-sum amount, agreed upon installments, or a life annuity with or without a survivor option. Employees (other than 5% owners)

who attain the age of 70½ years (if born on or before June 30, 1949), the age of 72 years (if born on or after July 1, 1949 and before January 1, 1951) or the age of 73 years (if born on or after January 1, 1951) will not be required to commence minimum distributions until they terminate employment. Employees may elect withdrawals during employment subject to the terms described in the Plan document.

(2) Summary of Significant Accounting Policies

The following are the significant accounting policies followed by the Plan:

(a) *Basis of Accounting*

The accompanying financial statements are prepared on the accrual basis of accounting.

(b) *Use of Estimates*

The preparation of financial statements in conformity with U.S. generally accepted accounting principles (GAAP) requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

(c) *Investment Valuation and Income Recognition*

Plan investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Benefit Committee determines the Plan's valuation policies utilizing information provided by the investment advisers and trustee. See note 3 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation/(depreciation) includes the Plan's gains and losses on investments bought and sold as well as held during the year.

(d) *Notes Receivable from Participants*

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Delinquent notes receivable from a participant are reclassified as distributions based upon the terms of the Plan document. No allowance for credit losses has been recorded as of December 31, 2023 and 2022.

(e) *Payment of Benefits*

Benefits are recorded when paid.

(f) *Subsequent Events*

The Plan has evaluated subsequent events through June 18, 2024, the date the financial statements were available to be issued. During this period, benefits paid to participants were approximately \$220 million higher than the same period during 2023, in part due to participants impacted by a restructuring program affecting some positions at SAP.

(3) Fair Value Measurements

Fair value (as described in FASB ASC Topic 820) is the price that would be received to sell an asset, or paid to transfer a liability, in an orderly transaction between market participants at the measurement date. FASB ASC Topic 820 establishes a framework for measuring fair value. It establishes a three-level hierarchy for fair value measurements based upon the transparency of inputs to the valuation of an asset or liability as of the measurement date.

Valuation Hierarchy

A financial instrument's categorization within the valuation hierarchy is based upon the lowest level of input that is significant to the fair value measurement. The three levels of the fair value hierarchy under FASB ASC Topic 820 are described as follows:

- Level 1 Inputs to the valuation methodology are quoted prices (unadjusted) for identical assets or liabilities in active markets. Level 1 assets and liabilities include registered investment companies (mutual funds), money market funds, common stocks and brokerage option.
- Level 2 Observable inputs other than Level 1 prices, for example, quoted prices for similar assets and liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active, and inputs that are observable or can be corroborated, either directly or indirectly, for substantially the full term of the financial instrument. Level 2 assets and liabilities include items that are traded less frequently than exchange traded securities and whose model inputs are observable in the markets or can be corroborated by market observable data. Examples in this category are common collective trust funds.
- Level 3 Inputs to the valuation methodology are unobservable and significant to the fair value measurement. These unobservable inputs reflect the Plan's own assumptions about the market that participants would use to price an asset based on the best information available in the circumstances. The Plan has no Level 3 investments.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

Valuation Methodologies

Following is a description of the valuation methodologies used for instruments measured at fair value. There have been no changes in the methodologies used at December 31, 2023 and 2022.

Registered Investment Companies: Mutual funds and Money Market funds are valued at the net asset value (NAV) on a market exchange. Each fund's NAV is calculated as of the close of business of the New York Stock Exchange and National Association of Securities Dealers Automated Quotations. The funds are open-ended and trade in accordance with Securities and Exchange requirements at a quoted market price.

SAP ADR Stock Fund: The stock fund includes the Parent Company's common stock and is valued at the closing price reported in the active market in which the individual securities are traded.

Vanguard Brokerage Option: Equities are valued at last quoted sales price as of the close of business.

Common Collective Trust Funds: These investments are public investment securities valued using the NAV provided by the Trustee. The NAV is quoted on a private market that is not active; however, the unit price is based on underlying investments, which are traded on an active market.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies and assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following table summarizes, by level within the fair value hierarchy, the Plan's investment assets at fair value as of December 31:

	Assets at Fair Value as of December 31, 2023			
	Level 1	Level 2	Level 3	Total
Mutual Funds	\$2,614,223,755	\$ —	\$ —	\$2,614,223,755
Vanguard Brokerage Option	138,876,841	—	—	138,876,841
SAP ADR Stock Fund	80,898,518	—	—	80,898,518
Common Collective Trust Funds	—	4,322,974,595	—	4,322,974,595
Total investments measured at fair value	<u>\$2,833,999,114</u>	<u>\$4,322,974,595</u>	<u>\$ —</u>	<u>7,156,973,709</u>
Common Collective Trust Funds measured at net asset value*				307,314,841
Total investments				<u>\$7,464,288,550</u>

	Assets at Fair Value as of December 31, 2022			
	Level 1	Level 2	Level 3	Total
Mutual Funds	\$2,311,664,804	\$ —	\$ —	\$2,311,664,804
Vanguard Brokerage Option	95,367,660	—	—	95,367,660
SAP ADR Stock Fund	58,641,511	—	—	58,641,511
Common Collective Trust Funds	—	3,487,838,823	—	3,487,838,823
Total investments measured at fair value	<u>\$2,465,673,975</u>	<u>\$3,487,838,823</u>	<u>\$ —</u>	<u>5,953,512,798</u>
Common Collective Trust Funds measured at net asset value*				354,238,632
Total investments				<u>\$6,307,751,430</u>

* Certain investments that are measured at fair value using the NAV per share (or its equivalent) practical expedient have not been categorized in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the Statements of Net Assets Available for Benefits.

(4) Investments in Vanguard Retirement Savings Trust (VRST)

The Plan holds an investment in a collective trust, specifically the VRST that invests in a combination of synthetic contracts (backed primarily by Vanguard bond trust funds), traditional insurance, bank contracts and contracts that are backed by bond funds and trusts. The issuers' ability to meet these obligations may be affected by economic developments in their respective companies and industries. The VRST seeks stable returns comparable to those of short-term fixed income securities. The average maturity range of investments in the trust is 2 to 4 years.

Distributions of net investment income to unit holders are declared and accrued daily. Withdrawals may be made for the primary purposes of funding an authorized distribution, withdrawal, or loan disbursement. Certain withdrawals may be subject to market value adjustments calculated in accordance with the provisions of the investment contracts. There are no unfunded commitments.

(5) Related-Party Transactions

Certain Plan investments are shares of mutual funds, stocks or common collective trust funds managed by an affiliate of Vanguard Fiduciary Trust Company. Vanguard Fiduciary Trust Company is the Trustee as defined by the Plan (Plan Trustee) and, therefore, these transactions qualify as party-in-interest transactions. All fees for the investment management services are paid by the Company. The Company may be reimbursed for reasonable Plan expenses paid by the Company on behalf of the Plan, provided the Company advises the Plan Trustee of the liability owed to the Company. Additionally, participants can invest in the Parent Company's ADR Stock Fund. The Parent Company is a related party.

(6) Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to amend, modify, or terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants would become 100% vested in their employer contributions and earnings thereon.

(7) Tax Status

On March 13, 2018, the IRS issued a determination letter to the Company indicating that the Plan, as amended and restated as of January 1, 2006 including amendments adopted through January 30, 2017 was in compliance with the applicable provisions of the Code and the regulations thereunder. The Plan has been further amended since January 30, 2017; however, the Plan Administrator believes that the Plan is designed, and is currently being operated, in compliance with applicable provisions of the Code and therefore, believes that the Plan is qualified and the related trust is tax-exempt.

U.S. GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

(8) Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the Statements of Net Assets Available for Benefits.

SAP AMERICA, INC.
401(k) PLAN

Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
December 31, 2023

Identity of issue, borrower, lessor, or similar party	Description of investment and notes receivable	Current value
(*) Vanguard Funds:		
Wellington	Registered investment company	\$1,547,582,767
Windsor II	Registered investment company	225,131,156
International Growth	Registered investment company	189,325,579
Explorer	Registered investment company	154,524,854
Global Equity	Registered investment company	149,610,820
Small-Cap Index	Registered investment company	115,179,924
Emerging Markets Stock Index	Registered investment company	51,293,513
PIMCO Income Fund	Registered investment company	56,332,149
Allspring Special Mid Cap Value Fund; Class R6	Registered investment company	44,273,208
Metropolitan West Total Return Bond Fund: Class I Shares	Registered investment company	32,872,078
Federated Inst. High Yield Bond Fund	Registered investment company	31,870,200
PGIM Global Total Return; Class R6	Registered investment company	10,619,743
(*) Vanguard Trusts:		
Target Retirement 2035	Common collective trust	268,400,546
Target Retirement 2030	Common collective trust	227,730,070
Target Retirement 2040	Common collective trust	220,930,173
Target Retirement 2025	Common collective trust	152,775,237
Target Retirement 2045	Common collective trust	169,356,375
Target Retirement 2050	Common collective trust	134,113,172
Target Retirement 2055	Common collective trust	95,000,050
Target Retirement 2020	Common collective trust	56,962,190
Target Retirement Income	Common collective trust	38,556,669
Target Retirement 2060	Common collective trust	51,569,517
Target Retirement 2065	Common collective trust	17,191,079
Target Retirement 2070	Common collective trust	3,563,116
(*) Vanguard Institutional 500 Index Trust	Common collective trust	1,279,758,592
(*) Vanguard Institutional Total International Stock Market Index Trust	Common collective trust	441,030,467
(*) Vanguard Institutional Total Bond Market Index Trust	Common collective trust	386,529,608
(*) Vanguard Institutional Extended Market Index Trust	Common collective trust	364,800,318
(*) JPMCB Large Cap Growth Fund; CF-A Class	Common collective trust	358,074,867
(*) Vanguard Retirement Savings Trust III	Common collective trust	307,314,841
(*) BR MidCap Growth Equity T	Common collective trust	37,614,340
(*) Allspring SP Small Cap ValueE	Common collective trust	19,018,209
(*) Vanguard Brokerage Option	Vanguard brokerage option	138,876,841
(*) SAP ADR Stock Fund	American depository receipts	80,898,518
(*) Vanguard Cash Reserves Federal MM Fund Admiral Shares	Interest-bearing cash account	5,607,764
Total Investments at fair value		7,464,288,550
(*)(**) Notes receivable from participants	Notes receivable bearing interest at rates ranging from 4.25% to 9.50% due through the year 2042	39,706,279
		<u>\$7,503,994,829</u>

(*) Denotes party-in-interest.

(**) Current value represents unpaid principal balance plus any accrued but unpaid interest.

Signature

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Plan Administrator has duly caused this Annual Report to be signed on the SAP America, Inc. 401(k) Plan's behalf by the undersigned hereunto duly authorized.

SAP America, Inc. 401(k) Plan

By: /s/ Jessica Rosales

Jessica Rosales
Plan Administrator

Date: June 18, 2024

Exhibit Index

<u>Exhibit No.</u>	<u>Description</u>
23.1	Consent of Independent Registered Public Accounting Firm

Consent of Independent Registered Public Accounting Firm

The Plan Administrator

SAP America, Inc. 401(k) Plan

We consent to the incorporation by reference in Registration Statement No. 333-41762 and 333-63496 on Form S-8 of our report dated June 18, 2024, with respect to the statements of net assets available for benefits of SAP America, Inc. 401(k) Plan as of December 31, 2023 and 2022, the related statements of changes in net assets available for benefits for the years then ended, and the related supplemental schedule as of December 31, 2023, which report appears in the December 31, 2023 Annual Report on Form 11-K of the SAP America, Inc. 401(k) Plan.

/s/ Kreischer Miller

Horsham, Pennsylvania

June 18, 2024

SAP AMERICA, INC.
401(k) PLAN

Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
December 31, 2023

Identity of issue, borrower, lessor, or similar party	Description of investment and notes receivable	Current value
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Target Retirement 2060	Common collective trust	51,569,517
Target Retirement 2065	Common collective trust	17,191,079
Target Retirement 2070	Common collective trust	3,563,116
(*) Vanguard Institutional 500 Index Trust	Common collective trust	1,279,758,592
(*) Vanguard Institutional Total International Stock Market Index Trust	Common collective trust	441,030,467
(*) Vanguard Institutional Total Bond Market Index Trust	Common collective trust	386,529,608
(*) Vanguard Institutional Extended Market Index Trust	Common collective trust	364,800,318
(*) JPMCB Large Cap Growth Fund; CF-A Class	Common collective trust	358,074,867
(*) Vanguard Retirement Savings Trust III	Common collective trust	307,314,841
(*) BR MidCap Growth Equity T	Common collective trust	37,614,340
(*) Allspring SP Small Cap ValueE	Common collective trust	19,018,209
(*) Vanguard Brokerage Option	Vanguard brokerage option	138,876,841
(*) SAP ADR Stock Fund	American depository receipts	80,898,518
(*) Vanguard Cash Reserves Federal MM Fund Admiral Shares	Interest-bearing cash account	5,607,764
Total Investments at fair value		7,464,288,550
(*)(**) Notes receivable from participants	Notes receivable bearing interest at rates ranging from 4.25% to 9.50% due through the year 2042	39,706,279
		<u>\$7,503,994,829</u>

(*) Denotes party-in-interest.

(**) Current value represents unpaid principal balance plus any accrued but unpaid interest.