

IRA Electronic Transfer Services

Please use this form to add or update the banking information on your DWS Fund IRA account. Your bank must be a member of the Automated Clearing House (ACH) system if you select Purchase, Redeem, direct distributions or an Automatic Investment Plan (AIP). If you need assistance completing the form, please contact Shareholder Services.

Call: (800) 728-3337 or e-mail: service@dws.com

Information to consider before selecting your services:

- —If you take a distribution from your IRA prior to reaching 59½ years of age, you may be subject to a 10% IRS penalty on the amount withdrawn. In addition, you must be 59½ years of age or older to receive dividends or capital gains in cash.
- -For 2020 and later, there is no age limit on making regular contributions to traditional or Roth IRAs.
- Consult www.irs.gov or your tax advisor for contribution limits for your type of account.

Please contact your bank to verify ACH membership. Although we do not charge fees, your bank may charge for wire redemption or ACH transactions.

If you have DWS Fund Conversion Roth IRA account, and wish to make Roth contributions, you may combine Roth contributions with your conversion money to create a "commingled" Roth account. If you wish to establish a separate Contribution Roth IRA for your contributions, you must fill out a separate new account form. Please call us if you need assistance.

Step 1 Important account informa	tion			
Name of Account Owner		Social Security Number on Account		
()		()		
Daytime Phone Number	Extension	Evening Phone Number	Extension	
Fund Name, Number, or NASDAQ Symbol		Account Number		
Fund Name, Number, or NASDAQ Symbol		Account Number		
Fund Name, Number, or NASDAQ Symbol		Account Number		

If you want to update more than three funds, please attach a separate piece of paper.

Banking information

This information will be used for any banking services you select in this section. We cannot establish banking services from cash management, brokerage or mutual fund checks.

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Change my	banking	g information	(Anv	/ existing	banking	information	will b	e removed)	

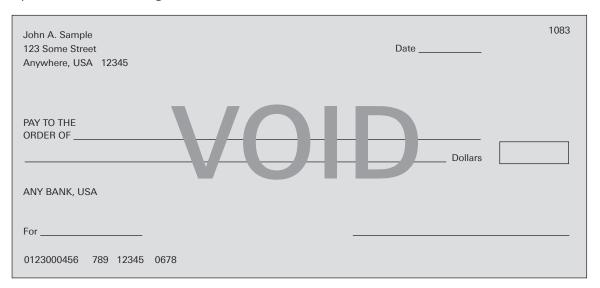
Add supplemental banking information (Any existing banking information will not be removed).

Note: If no selection is made, we will add this banking information to your account(s) and use it for any services selected in this section. This information will not be used for any existing electronic agreements.

Bank instructions

If you select any of the privileges in this section, please tape a voided check or deposit slip here to transfer money between your bank and your DWS Fund account.

The name and address on the bank account registration must be preprinted on the check or deposit slip. Please write "VOID" on your check before sending.



Please indicate the type of account at your financial institution: (Only one type should be selected. If no selection is made, checking will be the default).

☐ Checking OR ☐ Savings

If the bank account registration does not match your DWS fund account registration, a Medallion Signature Guarantee is required for the DWS fund account owner(s) and all additional bank account owners.

Telephone services

☐ Purchase: I want the ability to move a minimum of \$50 by telephone or online from my bank account to my DWS fund account. Please tape a voided check above where indicated.

□ Redeem: I want the ability to move a minimum of \$50 by telephone or online from my DWS fund account to my bank account. Please tape a voided check above where indicated.

☐ Wire Redemption: This option allows you to redeem (sell) a minimum of \$1,000 by telephone, and have the proceeds wired to the bank account appearing on your attached voided check or deposit slip. Your bank does not need to be ACH member for this service. Your bank may charge you a fee on a wire redemption.

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Direct distributions

When making a request, please consider: (1) You must be $59\frac{1}{2}$ years of age or older to receive dividends or capital gains in cash. (2) If you have an automatic withdrawal plan on your account, you must reinvest dividends/capital gains. The options below allow electronic bank transmission of either dividends/capital gains or automatic withdrawal plan payments. If your bank is not an ACH member, your distributions will be sent by mail to the address on your DWS fund account.

Dividends and capital gains			
 I would like the dividends and sho bank noted on my attached voide 		ecount number(s) indicate	ed in Step 1 to be sent to the
I would like the long term capital my attached voided check or deposits.		s) indicated in Step 1 to b	be sent to the bank noted on
Automatic Withdrawal Plan (AWP)			
☐ I would like distributions from my be sent to the bank noted on my a			mber(s) indicated in Step 1 to
Please allow 30 days for this service may wish to verify that your bank do receive dividends or capital gains in	es not charge a fee for automate		
Automatic Investment Pla	an (AIP)		
This option allows you to invest automate	atically and regularly in your DWS	fund(s).	
1. Indicate the month and year you v	vant your first AIP deposit to be	made ¹	
2. Select the frequency of your inves	tment: (If no option is selected, i		on a monthly basis).
☐ Monthly (12 times a year)	Semi-monthly (2 times a mont	n) 🗌 Bi-monthly (6 tim	es a year)
Quarterly (4 times a year)	Semi-annually (2 times a year)	☐ Annually (1 time a	a year)
Complete the information below for must not exceed your maximum allo		Minimum amount per fund	d is \$50.00. Total for all funds
			\$
Fund Name, Number, or NASDAQ Symbol	Account Number	Day(s) of the Month ¹	Dollar Amount
			\$
Fund Name, Number, or NASDAQ Symbol	Account Number	Day(s) of the Month ¹	Dollar Amount
			\$
Fund Name, Number, or NASDAQ Symbol	Account Number	Dav(s) of the Month ¹	Dollar Amount

Step 3

Signature(s)

Terms

I authorize the funds, DWS Service Company, and their agents and affiliates to act on any instructions, including electronically transmitted or telephone instructions, reasonably believed to be genuine for any of the services described in this form. They employ procedures that are designed to give reasonable assurance that instructions communicated are genuine. If these procedures, which may include verifying the identity of each telephone caller, recording telephone calls and sending written confirmations of transactions, are followed, they shall not be liable for acting on instructions reasonably believed to be genuine. I also authorize my bank (listed on the attached voided check) to honor all debit or credit entries to my account arising in connection with any of these services described in this form and agree to indemnify and hold harmless my bank and DWS from acting on these instructions. This power will continue if I am disabled or incapacitated.

Opening a new account and adding a bank account:

- A Medallion Signature Guarantee is not required if your bank account matches the DWS account registration.
- If the bank account registration does not match your DWS account registration, a Medallion Signature Guarantee is required for the DWS account owner(s) and all additional bank account owners.

Adding or changing bank information on an existing DWS account:

- A Medallion Signature Guarantee is required for the DWS account owner(s) and all additional bank account owners.

I certify that I have the authority and legal capacity to elect the electronic account services chosen for my account(s). My signature also indicates I agree to the terms above.

Account Owner	Affix Medallion Signature Guarantee or Guarantee Stamp (a notary seal is not acceptable)
Print Name	
Signature of Account Owner (If acting on behalf of the account owner you must sign in capacity)	
Date—MM/DD/YYYY	

Bank account owner if different from DWS Fund account owner (if applicable)

Print Name	Affix Medallion Signature Guarantee or Guarantee Stamp (a notary seal is not acceptable)
Signature of Bank Account Owner	
Date—MM/DD/YYYY	

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¹ If you select automatic investment and do not specify the deposit date, your investment will automatically be processed on the 25th of the current month. If you select a date that falls on a weekend or a holiday, your investment will be made on the next business day. We must receive this form seven calendar days prior to the day you wish your investment to begin. Otherwise, it will be processed the following month.

Special note to Medallion Signature Guarantee guarantors: By affixing the Medallion Signature Guarantee, you are verifying the identity of the individuals and entities assigned to this account and are accepting liability for any misrepresentation as it applies to this registration and any accompanying documentation.

Medallion Signature Guarantee

A Medallion Signature Guarantee is issued by a bank, savings and loan, trust company, credit union, broker/dealer, or any member or participant of an approved signature guarantee program. Please note that a notary public is not an acceptable guarantor. An officer of the institution will ask for identification to be sure that you are, in fact, the person identified on this form and the person signing it. Once the guarantor has reviewed your request, verified your identity and your authority to act on the account presented to them, they will affix a Medallion Signature Guarantee stamp to your form.

DWS prefers Medallion Signature Guarantee stamps. We must receive an original stamp. If more than one signature is required on this form, we will need separate stamps for each signature. If you are obtaining a non-Medallion Signature Guarantee, please contact us. We may require additional documentation to complete your request.

[†] If acting on behalf of the account owner, or an entity such as a Trust, a Company, or an Estate, you must sign in capacity with your title next to your signature as it relates to this account, (i.e. Joe Smith, Attorney-in-Fact.) The institution providing the Medallion Signature Guarantee for these types of accounts will require additional documentation. You may wish to contact the institution to confirm the documentation they require to provide you with a Medallion Signature Guarantee.

Please mail completed form to:

DWS Service Company P.O. Box 219151 Kansas City, MO 64121-9151

Overnight Address:

DWS Service Company 430 W. 7th Street Suite 219151 Kansas City, MO 64105-1407

The brand DWS represents DWS Group GmbH & Co. KGaA and any of its subsidiaries such as DWS Distributors, Inc. which offers investment products or DWS Investment Management Americas, Inc. and RREEF America L.L.C. which offer advisory services.

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