



Organization Resolution

For naming officers or other persons who are authorized to conduct transactions for an organization

Organizations covered by this form

- Corporations.
- Sole proprietorships.
- Partnerships.
- Limited liability companies and partnerships.
- Professional corporations and associations.
- Endowments.
- Business trusts.
- Foundations.
- Other entities and organizations.

You can use this form if the organization is the registered account owner, trustee, or guardian/conservator or acts as an agent for another account owner.

Who can sign

Authorized signatories may include officers, general partners, managing members, or other persons allowed to act on the organization's Vanguard mutual fund accounts and Vanguard Brokerage Services® accounts (Vanguard Brokerage Accounts and Vanguard Cash Plus Accounts).

Where noted in Section 3, each authorized signatory for a Vanguard Brokerage Account and/or Vanguard Cash Plus Account must check one or both boxes to indicate any associations or affiliations that apply. **If the second check box is selected, the authorized signatory must include with this form a letter of account approval from the associated organization's compliance officer.** Upon written request of the member firm, we'll automatically send them duplicate copies of confirmations, statements, or other information. Failure to include an approval letter may delay the processing of your form. An account approval letter isn't needed for FINRA, New York Stock Exchange, or Vanguard employees.

Important: Signatures are required to authorize this resolution. For specific instructions, refer to Section 4.

Once we've received your completed resolution, authorized persons can transact on your organization's behalf.

Organization Resolution Documentation Checklist

Use this checklist to ensure that all required supporting documents are included with the Organization Resolution form; your request cannot be processed until all documentation on this checklist is received.

Important: Supporting documents cannot be returned to sender once received by Vanguard.

Required documents

When making changes to the parties authorized to act on behalf of the organization, please provide **one** of the supporting documents below or a similar document identifying those authorized to act by name and/or title. (*original or copy*):

- Signed Board Minutes from an authorized individual from the organization
- Letter of intent (LOI)
- Partnership or Operating Agreement
- Corporate Resolution
- Secretary's Certificate

Note: LOIs must be on company letterhead, identify who's authorized to act on the Vanguard accounts (by name and/or title), and be signed by an individual authorized to appoint authorized parties.

2. Type of authorization *Check only one.*

Option A. Authorization to act on an organization's accounts or if the organization serves as a trustee or a guardian/conservator

Select this option if one of the following scenarios applies:

- You have an organization account, and you need to update the authorized signatories and/or designate an e-consenter
- Your organization is a trustee for a trust account, and you need to update or identify the authorized signatories
- Your organization is the guardian/conservator for a Vanguard client, and you need to update or identify the authorized signatories

When acting on an organization's account or if the organization serves as a trustee or a guardian/conservator, the individuals listed on the following pages can:

- Sign documents related to Vanguard mutual fund accounts, Vanguard Brokerage Accounts, and Vanguard Cash Plus Accounts owned by the organization.
- Invest the assets of the organization.
- Obtain account information and give instructions for the purchase, sale, exchange, or transfer of securities.
- Engage in margin and option trading on Vanguard Brokerage Accounts owned by the organization.
- Vanguard will use the most current Personal Identifiable Information provided.

Number of signatures required	Indicate how many signatures are required to take written action on documents other than checks. If you don't provide a number, Vanguard will assume only one authorized signatory must sign. You understand that Vanguard will accept instructions online (if applicable) or by phone from any one authorized signatory.
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Continue to Section 3 and 3a. Supporting documents must list the following individuals as authorized to act or sign on behalf of the organization.

Option B. Authorization to act as an agent or interested party for another account owner

Skip this option if you have selected Option A.

To qualify as an agent or interested party for another account owner, the organization must be appointed through our Limited or Full Agent Authorization, Agent Certification for Incapacitated Person, or Information-Only Access Form, which has been or is being completed and submitted.

Owner of the account for which the organization will be acting as agent or interested party:

Name of account owner <i>first, middle initial, last</i>
Last four digits of Social Security or employer taxpayer ID number

Continue to Section 3 (*Section 3a is not applicable*). Supporting documents must list the following individuals as authorized to act or sign on behalf of the organization.

Return ALL pages of this form, even if some sections are left blank.

3. Authorization to represent the organization

Name of authorized signatory

Note: If the authorized signatory is an organization, an additional Organization Resolution form is needed to identify the authorized signatories. If the authorized signatory is a trust, an additional Trustee Certification form is needed to identify the trustees. **Attach copies of this page if you have more than three authorized signatories.**

Name <i>first, middle initial, last</i> or Trust/Organization name	
U. S. Social Security number or employer ID	Birth date <i>mm dd yyyy</i>
Primary residence <i>P.O. box or rural route address is NOT acceptable</i>	
City, state, zip	
Daytime phone <i>area code, number, extension</i>	Evening phone <i>area code, number, extension</i>
Email address	

Note: This section will not update your address on any personal accounts with Vanguard. If you are an existing Vanguard client and would like to update your personal information, please visit vanguard.com.

Citizenship and tax residency

Check and complete only one.

U.S. citizen		
Resident alien	Country of citizenship	
Nonresident alien	Country of citizenship	Country of tax residence

Association *If the authorized signatory is authorized to transact on a Vanguard Brokerage Account and/or Vanguard Cash Plus Account, check all affiliations that apply, regardless of employment or retirement status.*

Check this box if you are, or your spouse is, a Vanguard employee.
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If you check this box, a letter of account approval from the compliance officer of the associated organization is required.

Check this box if you're associated with a member of a stock exchange, a FINRA member firm, or a municipal securities dealer. If this box is checked, you must provide the names of the companies for which you're associated with.
Name of company

Check this box if you are, or a household member is, a control person or an affiliate of a public company, as defined in SEC Rule 144 (this would include, but is not limited to, 10% shareholders, policymaking executives, and members of the board of directors). If this box is checked, you must provide the names and trading symbols of the companies for which such person serves as a control person or an affiliate.	
Name of company	Trading symbol

Name of authorized signatory

Name <i>first, middle initial, last</i> or Trust/Organization name	
U. S. Social Security number or employer ID	Birth date <i>mm dd yyyy</i>
Primary residence <i>P.O. box or rural route address is NOT acceptable</i>	
City, state, zip	
Daytime phone <i>area code, number, extension</i>	Evening phone <i>area code, number, extension</i>
Email address	

Note: This section will not update your address on any personal accounts with Vanguard. If you are an existing Vanguard client and would like to update your personal information, please visit vanguard.com.

Citizenship and tax residency

Check and complete only one.

U.S. citizen		
Resident alien	Country of citizenship	
Nonresident alien	Country of citizenship	Country of tax residence

Association *If the authorized signatory is authorized to transact on a Vanguard Brokerage Account and/or Vanguard Cash Plus Account, check all affiliations that apply, regardless of employment or retirement status.*

Check this box if you are, or your spouse is, a Vanguard employee.
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If you check this box, a letter of account approval from the compliance officer of the associated organization is required.

Check this box if you're associated with a member of a stock exchange, a FINRA member firm, or a municipal securities dealer. If this box is checked, you must provide the names of the companies for which you're associated with.
Name of company

Check this box if you are, or a household member is, a control person or an affiliate of a public company, as defined in SEC Rule 144 (this would include, but is not limited to, 10% shareholders, policymaking executives, and members of the board of directors). If this box is checked, you must provide the names and trading symbols of the companies for which such person serves as a control person or an affiliate.	
Name of company	Trading symbol

Return ALL pages of this form, even if some sections are left blank.

Name of authorized signatory

Name <i>first, middle initial, last</i> or Trust/Organization name	
U. S. Social Security number or employer ID	Birth date <i>mm dd yyyy</i>
Primary residence <i>P.O. box or rural route address is NOT acceptable</i>	
City, state, zip	
Daytime phone <i>area code, number, extension</i>	Evening phone <i>area code, number, extension</i>
Email address	

Note: This section will not update your address on any personal accounts with Vanguard. If you are an existing Vanguard client and would like to update your personal information, please visit vanguard.com.

Citizenship and tax residency

Check and complete only one.

U.S. citizen		
Resident alien	Country of citizenship	
Nonresident alien	Country of citizenship	Country of tax residence

Association *If the authorized signatory is authorized to transact on a Vanguard Brokerage Account and/or Vanguard Cash Plus Account, check all affiliations that apply, regardless of employment or retirement status.*

Check this box if you are, or your spouse is, a Vanguard employee.
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If you check this box, a letter of account approval from the compliance officer of the associated organization is required.

Check this box if you're associated with a member of a stock exchange, a FINRA member firm, or a municipal securities dealer. If this box is checked, you must provide the names of the companies for which you're associated with.
Name of company

Check this box if you are, or a household member is, a control person or an affiliate of a public company, as defined in SEC Rule 144 (this would include, but is not limited to, 10% shareholders, policymaking executives, and members of the board of directors). If this box is checked, you must provide the names and trading symbols of the companies for which such person serves as a control person or an affiliate.	
Name of company	Trading symbol

3a. Designation of e-consenter

This Section is only applicable if "Option A" was selected in Section 2.

This Section designates an authorized signatory as the e-consenter. The e-consenter is the **ONLY** authorized signatory that will be able to establish secure access to the organization's accounts online (through the organization's separate login), provide consent for electronic delivery, and maintain the delivery settings. **Only one authorized signatory from Section 3 can be designated as the e-consenter.**

The e-consenter will need to set up these services separately once we've processed this form. Not all organization accounts are eligible for e-delivery; the e-consenter will be able to enroll in e-delivery for any eligible accounts after registering for online access and providing consent for electronic delivery. A group email address is **NOT** permitted (individual email addresses only). If the organization listed in Section 1 is not the account owner, you cannot designate an e-consenter or update delivery settings.

If by submitting this form the organization is removing or replacing the previously designated e-consenter, online access and mailing preferences will be reset. The new e-consenter will need to take additional steps to re-establish online access and select delivery preferences.

Note: All authorized signatories listed in Section 3 will have access to the organization account through their personal login on vanguard.com.

Please select one of the following:

Revoke existing e-consenter on file.

Designate an e-consenter for the first time.

Revoke and replace the e-consenter with name of authorized signatory below.

Name of authorized signatory

Provide the full legal name. >

Name <i>first, middle initial, last</i>
Email address of authorized signatory (<i>This CANNOT be a group email address</i>)

This will be the email address for the account; all email notifications will be sent here. If you need to change the email address, you'll need to first request a PIN, which will be sent to the email address before you can change it.

Return ALL pages of this form, even if some sections are left blank.

4. Certification and indemnification

For Option A

If authorizing persons to act on the organization's own Vanguard mutual fund accounts or Vanguard Brokerage Accounts or Vanguard Cash Plus Accounts or where the organization serves as a trustee or guardian/conservator, confirm the following by signing on page 8:

- Each of the authorized signatories identified in Section 3 is duly authorized by resolution of the board of directors or other governing body of the organization, or under the organization's charter or other organizing document, to act on behalf of the organization in connection with any Vanguard mutual fund accounts, Vanguard Brokerage Accounts and/or Vanguard Cash Plus Accounts owned by the organization. Each such signatory is authorized to invest the assets of the organization; obtain information and give instructions for the purchase, sale, exchange, or transfer of securities; engage in margin and option trading (for Vanguard Brokerage Accounts, if available); and execute any necessary documents in connection with those securities and/or the Vanguard mutual fund accounts, Vanguard Brokerage Accounts and Vanguard Cash Plus Accounts owned by the organization.
- The organization is solely responsible for informing Vanguard of any changes in the authority or identity of any of the authorized signatories identified in Section 3.
- Vanguard isn't responsible for any acts or omissions taken in regard to any instructions believed by Vanguard to have originated from any authorized person identified in Section 3 until Vanguard has received written notice of the revocation of such authorized person's authority and Vanguard has had a reasonable period of time to act upon such notice.

For Option B

If authorizing persons to act on behalf of the organization as agent or interested party for another account owner under a Full or Limited Agent Authorization, Agent Certification for Incapacitated Person, or Information-Only Access Form, certify and acknowledge the following by signing on page 8:

(Certification) The authorized signatories of the organization identified in Section 1 are each authorized to act on behalf of the organization to the extent of the authority granted to the organization in a Full or Limited Authorization, Agent Certification for Incapacitated Person, or Information-Only Access Form filed with Vanguard previously or at the same time as this form.

(Acknowledgements)

- The authorized persons identified in Section 3 are authorized to act only with respect to the Vanguard mutual fund accounts, Vanguard Brokerage Accounts and/or Vanguard Cash Plus Accounts owned by the account owner for which the organization has been authorized as an agent or interested party. The organization must file a separate Organization Resolution for each additional account owner for whom the organization serves as an agent or interested party.
- The organization is solely responsible for informing Vanguard of any changes in the authority or identity of the authorized persons identified in Section 3.
- Vanguard isn't responsible for any acts or omissions taken regarding any instructions believed by Vanguard to have originated from any authorized person identified in Section 3 until Vanguard has received written notice of the revocation of such authorized person's authority and Vanguard has had a reasonable period to act upon such notice.

Applies to brokerage option accounts only if Option B has been selected in Section 2.

> I/We understand the investment objectives and trading plan of the registered account owner(s) and will only use trading strategies that are consistent with these objectives and plans. I/We acknowledge that I/we have received from the registered account owner(s) (or I/we already possess) copies of the Vanguard Brokerage Option Application and Vanguard Brokerage Option Account Agreement (Option Agreement), and I/we have read and understand them. I/We also acknowledge that if the registered account owner(s) is/are approved for option trading, the owner(s) will be sent the booklet *Characteristics and Risks of Standardized Options*. I/We agree to read the booklet prior to conducting any trades in the registered account owner's(s') account. I/We also accept all the terms and conditions of the Option Agreement.

I/We acknowledge receiving a copy of the Option Agreement, which contains a predispute arbitration clause highlighted in paragraphs 14 and 15 on page 3. By signing this application, I/we agree to be bound by the terms of the Option Agreement.

You must sign on page 8.

Notification for Vanguard Brokerage Accounts and Vanguard Cash Plus Accounts Vanguard Brokerage Accounts and Vanguard Cash Plus Accounts are governed by the Vanguard Brokerage Account Agreement (Agreement) and Vanguard Bank Sweep Products Terms of Use, as applicable. The Agreement incorporates by reference the Vanguard Brokerage Services® Commission and Fee Schedules and other service or feature-specific documents and policies. These important documents are provided at account opening and when updated. Additional copies of these documents are available by contacting us.

Note for Vanguard Cash Plus Accounts only: Individuals with access to account and routing numbers may make transactions on third-party websites using this information. Monitor accounts to ensure accounts are being used appropriately.

For all organizations submitting this resolution

The organization agrees to indemnify and hold The Vanguard Group, Inc., Vanguard Marketing Corporation, their affiliates, each of the investment company members of The Vanguard Group, and their respective officers, employees, and agents (collectively, Vanguard) harmless from and against all losses, claims, and expenses (including attorney’s fees) of any kind incurred by Vanguard for relying in good faith upon information provided in this resolution and for acting on instructions believed by Vanguard to have originated from any authorized signatory or any authorized person identified in Section 3. This resolution remains in full force and effect until revoked by an authorized signatory of the organization. Each Organization Resolution filed with Vanguard revokes a corporate/organization resolution previously filed with Vanguard in its entirety. Any revocation will not affect any liability resulting from transactions initiated before Vanguard has had a reasonable amount of time to act upon the revocation. The undersigned are authorized to certify this information on behalf of the organization and confirm that the provisions of Sections 3 conform to the charter or other organizing document of our organization.

Important: At least one authorized signatory authorized to certify information listed in Section 3 must sign below. Supporting documents must list the individuals in Section 3 as authorized to act or sign on behalf of the organization.

Authorized signatory

Name <i>first, middle initial, last</i>	
Title	
Signature X	Today's date <i>mm dd yyyy</i> M M - D D - Y Y Y Y

Name <i>first, middle initial, last</i>	
Title	
Signature X	Today's date <i>mm dd yyyy</i> M M - D D - Y Y Y Y

Name <i>first, middle initial, last</i>	
Title	
Signature X	Today's date <i>mm dd yyyy</i> M M - D D - Y Y Y Y

If you need more space for additional signatures, copy page 8.

Return ALL pages of this form, even if some sections are left blank.

Mailing information

Make a copy of your completed form for your records.

Please return all pages of this form, even if some sections are left blank.

Mail to: > Vanguard
P.O. Box 982901
El Paso, TX 79998-2901

For registered or certified mail, or overnight delivery, mail to: > Vanguard
5951 Lockett Court, Suite A1
El Paso, TX 79932-1882

Reminders

Review all of these requirements before returning this resolution to Vanguard. > You **MUST** include the following items. If any are missing upon receipt of this form, Vanguard won't be able to process your request.

- The correct taxpayer ID number in Section 1.
- Names of all authorized signatories and/or persons in Section 3.
- All appropriate signatures in Section 4.
- **You MUST include a current copy of your organization's document confirming that each of the individuals listed in Sections 3 and 4 is authorized to act or sign on the accounts. For example, this could be your corporate secretary's certificate, operating agreement, board minutes, or a similar document with language stating that the individual is an authorized signatory for the organization.**

For Vanguard Brokerage Accounts and Vanguard Cash Plus Accounts only

- **If any authorized signatory/person is 1) an employee of FINRA or 2) associated with a member of a stock exchange, a FINRA member firm, or a municipal securities dealer, you must attach a letter of account approval from the associated organization's compliance officer.** Upon written request of the member firm, we'll automatically send them duplicate copies of confirmations, statements, or other information. Failure to include an approval letter may delay the processing of your form. An account approval letter isn't needed for FINRA, New York Stock Exchange, or Vanguard employees.

Vanguard Brokerage Services is a division of Vanguard Marketing Corporation, member FINRA and SIPC.

Return ALL pages of this form, even if some sections are left blank.

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