

# Manage permissions

To call a restricted RPC method, your dapp must request permission from the user using the [wallet\\_requestPermissions](#) RPC method. You can get the user's current permissions using [wallet\\_getPermissions](#), and revoke permissions previously granted to your dapp using [wallet\\_revokePermissions](#). These methods are specified by [EIP-2255](#) and [MIP-2](#).

`wallet_requestPermissions` creates a confirmation asking the user to connect to an account and allow the dapp to call the requested method. The confirmation screen describes the functions and data the requested method can access. For example, something like the following confirmation displays when you request permission to call the restricted method [eth\\_accounts](#):

note To access accounts, we recommend using [eth\\_requestAccounts](#), which automatically asks for permission to use `eth_accounts` by calling `wallet_requestPermissions` internally. See [how to access a user's accounts](#) for more information. Granting permission for `eth_accounts` also grants access to [eth\\_sendTransaction](#), [personal\\_sign](#), and [eth\\_signTypedData\\_v4](#).

## Request permissions example

The following example uses `wallet_requestPermissions` to request permission from the user to call `eth_accounts`:

```
document.getElementById("requestPermissionsButton", requestPermissions);

function
requestPermissions() {
  provider // Or window.ethereum if you don't support EIP-6963. . request({ method:
"wallet_requestPermissions", params:
[ {
eth_accounts:
{}
}], }) . then((permissions)
=>
{ const accountsPermission = permissions.find((permission)
=> permission.parentCapability
===
"eth_accounts" ); if
(accountsPermission)
{ console.log("eth_accounts permission successfully requested!"); } } . catch((error)
=>
{ if
(error.code
===
4001)
{ // EIP-1193 userRejectedRequest error console.log("Permissions needed to continue."); }
else
{ console.error(error); } } } ); }
```

## Revoke permissions example

The following example uses `wallet_revokePermissions` to revoke the dapp's permission to call `eth_accounts` :

`await provider // Or window.ethereum if you don't support EIP-6963. . request ( { method :`

`"wallet_revokePermissions" , params :`

`[ { eth_accounts :`

`{ } , } , ] , } ) ;`

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