

# Guide to Transfer and Restore API Functions

## Transfer and Restore API Functions

- [Plan session](#)
- [Create session](#)
- [Check session](#)
- [Queue the transfer item](#)
- [Start session](#)
- [Monitor session](#)
- [Pause and restart session](#)

## Introduction

The system uses several WHM API 1 functions during the transfer and restore process.

This guide explains the relationship between these API functions and the order in which to call them.



### Important:

- Do **not** shut down or restart any processes on either server during the transfer and restoration process.
- Do **not** start a transfer during a system update (`upcp`) or start a system update during a transfer. The system update will fail.
- To transfer accounts, you **must** obtain the following:
  - SSH access to the remote server.
  - `root`-level privileges with the `su` or `sudo` commands.

## Transfer and restore process

We recommend the following workflow during the transfer and restore process:

1. [Plan the transfer session](#) — The planning process sets up the transfer session.
2. [Create the transfer session](#) — The creation process creates the transfer session.
3. [Check the transfer session](#) — A transfer session check ensures that you can create a system account on the remote server.
4. [Queue the transfer item](#) — When you queue the transfer item, you add a package or account (transfer item) to the transfer list.
5. [Start the transfer session](#) — The start process begins the transfer session.
6. [Monitor the transfer session](#) — When you monitor the transfer session, you check the status of the transfer session.

You can [pause and restart](#) an active transfer session throughout the transfer process.

## Transfer and Restore

### About Transfer and Restore APIs

- *The Standardized Hooks system triggers scripts or applications whenever a specific action is performed in cPanel & WHM.*
- *This functionality is useful for developers and system administrators.*

### Compatible with:

- cPanel & WHM 11.44+

### APIs:

- [WHM API 1](#)

## Related Documentation

- [WHM API 1 Functions - abort\\_transfer\\_session](#) — This function aborts an active transfer session.
- [WHM API 1 Functions - analyze\\_transfer\\_session\\_remote](#) — This function checks the remote server's credentials, which a transfer session uses to connect.
- [WHM API 1 Functions - remote\\_basic\\_credential\\_check](#) — This function checks the SSH credentials on the remote server.
- [WHM API 1 Functions - restore\\_modules\\_summary](#) — This function lists backup modules and their descriptions.
- [WHM API 1 Functions - delete\\_account\\_archives](#) — This function removes a cPanel user account's archives.