

# Guide to Transfer and Restore API Functions - Create the Transfer Session

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## Transfer and Restore API Functions

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## Overview

The creation process creates the transfer session.

In these examples, the following statements are true:

- You have two servers: `remote.example.com` and `hostname.example.com`
- You logged in to the local server with the `cpsess#####` security token.
- The `example` account owns `example.com`, and you want to transfer it from the remote server to the local server.
- The `example.com` domain is 123,456,789 bytes.
- You want to transfer the `package1` package from the remote server to the local server.
- The `root` password for the remote server is `luggage12345`

## Create the transfer session

To create the transfer session, use one of the following functions:

- For a `root` transfer session, use the `create_remote_root_transfer_session` function, as in the examples below.
- For a `user` transfer session, use the `create_remote_user_transfer_session` function, as in the examples below.

JSON API (root) PHP (root) JSON API (User) PHP (User)

```
https://hostname.example.com:2087/cpsess#####/json-api/create_remote_root_transfer_session?api.version=1&remote_server_type=cpanel&host=remote.example.com&port=22&user=root&password=luggage12345&transfer_threads=1&restore_threads=1&unrestricted_restore=1&copy_reseller_privs=0&compressed=0&unencrypted=0&low_priority=0
```

This function generates the following transfer session ID in the `transfer_session_id` return value:

▾ [Click to view...](#)

```

{
  "data": {
    "analyze_rawout":
      "Fetching information from remote host: \u201c10.1.100.35\u201d \u2026
      \u2026\nDone\nFetching information from remote host:
      \u201c10.1.100.35\u201d \u2026 \u2026\nDone\n",
    "create_rawout":
      "Basic credential check \u2026 \u2026\nDone\nFetching information from
      remote host: \u201c10.1.100.35\u201d \u2026 \u2026\nDone\nFetching WHM
      Version \u2026\nDone\nTesting \u201cv5.docs.cpanel.net\u201d for
      transfer streaming support with password
      authentication....<strong>Streaming
      Supported</strong>\nRemote Server Type: \u201cWHM1130\u201d\n",
      "transfer_session_id": "vm5docscpanelcopya20140430200447f69g"
    },
    "metadata": {
      "version": 1,
      "reason": "OK",
      "result": "1",
      "command": "create_remote_root_transfer_session"
    }
  }
}

```

In this example, `vm5docscpanelnoroo201402251939519hmy` is the transfer session ID.

```
include_once '../xmlapi.php';

$ip = getenv('REMOTE_HOST');
$root_user = getenv('REMOTE_USER');
$root_pass = getenv('REMOTE_PASSWORD');

$xmlapi = new xmlapi($ip , $root_user , $root_pass);
$xmlapi->set_debug(1);
$xmlapi->set_output('json');

$settings = array(
    'api.version'=>1,
    'remote_server_type' => 'cpanel',
    'host' => 'remote.example.com',
    'port' => '22',
    'user' => 'root',
    'password' => 'luggage12345',
    'transfer_threads' => '1',
    'restore_threads' => '1',
    'enable_custom_pkgacct' => '1',
    'unrestricted_restore' => '1',
    'copy_reseller_privs' => '0',
    'compressed' => '0',
    'unencrypted' => '0',
    'low_priority' => '0'
);

$_result = $xmlapi->xmlapi_query('create_remote_root_transfer_session' ,
    $settings);

print $_result;
```

This function returns the following transfer session ID as the `transfer_session_id` value:

▼ [Click to view...](#)

```

{
  "data": {
    "analyze_rawout":
      "Fetching information from remote host: \u201c10.1.100.35\u201d \u2026
      \u2026\nDone\nFetching information from remote host:
      \u201c10.1.100.35\u201d \u2026 \u2026\nDone\n",
    "create_rawout":
      "Basic credential check \u2026 \u2026\nDone\nFetching information from
      remote host: \u201c10.1.100.35\u201d \u2026 \u2026\nDone\nFetching WHM
      Version \u2026\nDone\nTesting \u201cvm5.docs.cpanel.net\u201d for
      transfer streaming support with password
      authentication...<strong>Streaming
      Supported</strong>\nRemote Server Type: \u201cWHM1130\u201d\n",
    "transfer_session_id": "vm5docscpanelcopya20140430200447f69g"
  },
  "metadata": {
    "version": 1,
    "reason": "OK",
    "result": "1",
    "command": "create_remote_root_transfer_session"
  }
}

```

In this example, `vm5docscpanelnoroo201402251939519hmy` is the transfer session ID.

```

https://hostname.example.com:2087/cpsess#####/json-api/create_remote_
user_transfer_session?api.version=1&unrestricted_restore=1&host=hostname.e
xample.com&password=12345luggage

```

This function returns the following transfer session ID in the `transfer_session_id` value:

▾ [Click to view...](#)

```

{
  "data": {
    "transfer_session_id": "vm5docscpanelnoroo201402251939519hmy"
  },
  "metadata": {
    "version": 1,
    "reason": "OK",
    "result": "1",
    "command": "create_remote_user_transfer_session"
  }
}

```

The transfer session ID is `vm5docscpanelnoroo201402251939519hmy`.

```

include_once '../xmlapi.php';

$ip = getenv('REMOTE_HOST');
$root_user = getenv('REMOTE_USER');
$root_pass = getenv('REMOTE_PASSWORD');

$xmlapi = new xmlapi($ip , $root_user , $root_pass);
$xmlapi->set_debug(1);
$xmlapi->set_output('json');

$settings = array(
    'api.version'=>1,
    'host' => 'remote.example.com',
    'password' => 'luggage12345',
);

$_result = $xmlapi->xmlapi_query('create_remote_user_transfer_session' ,
$settings);

print $_result;

```

This function returns the following transfer session ID in the `transfer_session_id` value:

[Click to view...](#)

```

{
  "data": {
    "transfer_session_id": "vm5docscpanelnoroo201402251939519hmy"
  },
  "metadata": {
    "version": 1,
    "reason": "OK",
    "result": "1",
    "command": "create_remote_user_transfer_session"
  }
}

```

In this example, `vm5docscpanelnoroo201402251939519hmy` is the transfer session ID.

## Additional documentation

Suggested documentation [For cPanel users](#) [For WHM users](#) [For developers](#)


- [Guide to Transfer and Restore API Functions - Plan the Transfer Session](#)
- [Guide to Transfer and Restore API Functions - Create the Transfer Session](#)
- [Guide to Transfer and Restore API Functions - Check the Transfer Session](#)
- [Guide to Transfer and Restore API Functions - Queue the Transfer Item](#)

- [Guide to Transfer and Restore API Functions - Start the Transfer Session](#)

Error rendering macro 'contentbylabel' : parameters should not be empty


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**Content by label**

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