

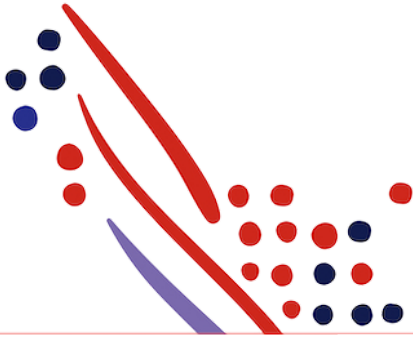
## Chapter 2

# API Details

from Direct Deposit API Guide for ADP Workforce Now  
Guide

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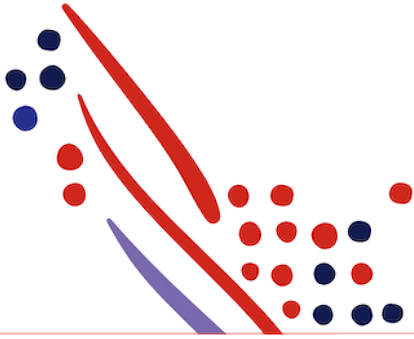
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# API Details

## API Endpoints and samples

### Workforce Now Pay Distribution API

## Application Scope

The canonical URI corresponding to the Direct Deposit API needs to be added in the Consumer Application Registry (CAR) for the subscription following which a user can access this API and make successful API calls. The canonical URIs for APIs in this guide:

- **/payroll/payrollManagement/payrollInstructionManagement/payDistributionManagement/worker.payDistribution.read**
- **/payroll/payrollManagement/payrollInstructionManagement/payDistributionManagement/worker.payDistribution.change**

## Supported Actors

Request Parameter roleCode Value	Usage
Practitioner	Retrieves an employee's Direct Deposits as a practitioner. A system user is considered a practitioner.
Employee	Retrieves one's Direct Deposits as an employee. This is typically used to view one's own Direct Deposits.

## Sequence of Interactions

1. Your consumer application makes a request to the ADP API endpoint to GET Pay Distributions for a worker.
2. The ADP API endpoint responds to your consumer application with single worker Pay Distributions information.
3. Your consumer application makes a request to the ADP API endpoint for **/events/payroll/v1/worker.pay-distribution.change** meta.
4. The ADP API endpoint responds to your consumer application with the meta payload, which lists eligible Direct Deposits for the worker under the **/meta/data/transforms/payDistribution/distributionInstructions/depositAccount /financialAccount/typeCode/codeList** collection. Your consumer application needs to validate the Direct Deposit Code to be processed is returned in the codeList collection before building the payload for the next call. If the Direct Deposit Code you need to add, update, or delete is not part of the collection, do one of the following: Your application needs to provide user error handling and stop. Go to the next step.
5. Your consumer application makes a request to the ADP API endpoint for the **/events/payroll/v1/worker.pay-distribution.change** API with the payload.
6. The ADP API endpoint responds to the consumer application about the details of the **worker.pay-distribution.change** API.

## Data Dictionary

Resources listed in the following table can be accessed in the ADP Workforce Now UI by selecting **People > Pay > Pay Profile > Direct Deposits**.

Schema Location	Field Name	Is Required (Y/N)	Note
/worker/associateOID	NA	Y	To retrieve the value for an employee, use GET workers.
/payDistribution/itemID	NA	Y	<ol style="list-style-type: none"> <li>To retrieve the item ID for an employee, use <b>GET/payroll/v2/workers/{aoid}/pay-distributions</b> API.</li> <li>The item ID differs for the <b>Particular Company Code</b> and <b>Payroll File Number</b> when an employee has multiple positions.</li> </ol>
/effectiveDateTime	<b>Effective Date</b>	Y	<ol style="list-style-type: none"> <li>Indicates the date Direct Deposit updates should be effective.</li> <li><b>Effective Date</b> does not apply to the Employee <b>roleCode</b>.</li> </ol>
/payDistribution/distributionInstructions/instructionStatusCode	<b>Active</b>		
/payDistribution/distributionInstructions/distributionPercentage	<b>Amount to Deposit Partial Net</b>	Y	Include this <b>distributionPercentage</b> field in the request if a percentage of <b>Pay</b> should be deposited.
/payDistribution/distributionInstructions/distributionAmount/amountValue	<b>Amount to Deposit Percent Net</b>	Y	Include this <b>distributionAmount</b> field in the request if fixed amount should be deposited.
/payDistribution/distributionInstructions/depositAccount/financialAccount/accountNumber	<b>Account Number</b>	Y	Indicates the Account Number to which the Direct Deposit applies.
/payDistribution/distributionInstructions/depositAccount/financialAccount/typeCode/codeValue	The type of direct deposit is displayed.	Y	Indicates the Direct Deposit Code.
/payDistribution/distributionInstructions/depositAccount/financialParty/routingTransitID/idValue	<b>Routing Number</b>	Y	(U.S. clients) Indicates the Routing Number to which the Direct Deposit applies.
/payDistribution/distributionInstructions/depositAccount/financialParty/bankName	<b>Bank</b>	Y	(Canadian clients) Indicates the bank name.

ncialParty /financialPartyID/sche meCode/codeValue			
/payDistribution/distri butionInstructions /depositAccount/fina ncialParty /branchNameCode/co deValue	<b>Branch</b>	Y	(Canadian clients) Indicates the Branch code.
/payDistributions/dist ributionInstructions/b onusOnlyIndicator	<b>For Bonus Pay Only</b>	Y	Indicates the bonus pay for Direct Deposit.
/payDistributions/dist ributionInstructions/p recedenceCode/codeV alue	<b>Priority #</b>	Y	Indicates priority value for Direct Deposit.
/payDistributions/dist ributionInstructions/p renote/prenoteOptio nCode/codeValue	<b>PreNote End Date</b>	Y	Indicates prenote options for Direct Deposit. The Prenote Codes are as follows: <ul style="list-style-type: none"> <li>• <b>N</b> - No Prenote</li> <li>• <b>O</b> - Custom</li> <li>• <b>D</b> - Company Default</li> </ul>
/payDistributions/dist ributionInstructions/p renote/prenoteDate	<b>PreNote End Date</b>	Y	Indicates prenote options date for Direct Deposit.
/payDistribution/distri butionInstructions/re mainingBalanceIndicat or	NA	Y	Indicates the Full Net Direct Deposit. Include " <b>remainingBalanceIndicator</b> ": <b>true</b> if the Direct Deposit is of Full Net.
/payDistribution/distrib utionInstructions/itemI D	NA	Y	Indicates the <b>itemID</b> for a particular deposit code.

## Common Exception Responses

You may encounter exceptions outside your common success scenarios. You must account for these exceptions during your initial development.

For more information, see [API Common Exceptions and Tips for Handling](#).

Table below lists common response code and tips to handle for [/events/payroll/v1/worker.pay-distribution.change](#)

ResponseCode	Response Condition	message Txt	Tips to Handle
400 Bad Request	Add a Direct Deposit with a routing number in the wrong format.	"userMessage": {"messageTxt": Routing Number must be 9 digits. Valid values are 0 - 9."}	User to check if a valid routing number is passed.
400 Bad Request	Add a Direct Deposit for an existing Deduction Code for an employee.	"userMessage": {"messageTxt": "This Direct Deposit code was already added	User to check if there is an existing deposit of the same Deposit Code.

		as of 12-17-2018. Enter a unique Direct Deposit code."}	
400 Bad Request	Add a Full Net Direct Deposit when there is an existing Full Net Deposit.	"userMessage": {"messageTxt": " An employee can have only one full deposit and one bonus deposit."}	User to check if there is an existing full net deposit.
400 Bad Request	Add a Direct Deposit when an invalid <b>itemID</b> is passed.	"userMessage": {"messageTxt": "itemID is invalid."}	User to check if a Valid Item ID is passed.
400 Bad Request	Add a Direct Deposit when the distribution percentage exceeds 100.	"userMessage": {"messageTxt": "The total for all non-bonus percentage deposits cannot exceed 100 percent."}	User to check that the Percent Net does not exceed 100. <b>Note:</b> The total for all non-bonus percentage deposits cannot exceed 100 percent.
400 Bad Request	Add a Direct Deposit when distribution amount is blank.	"userMessage": {"messageTxt": "Request is invalid." }	User to check whether value is provided for distribution amount. <b>Note:</b> Values should be provided for all the mandatory fields.
400 Bad Request	Add a Direct Deposit when invalid financial Account/typeCode is passed in their request.	"userMessage": {"messageTxt": "financialAccount/typeCode is invalid."}	Your application should validate the code using values returned in the meta API.
400 Bad Request	Update the Direct Deposit with invalid Item ID.	"userMessage": {"messageTxt": "instruction/itemID is invalid."}	User to check a valid item ID associated with the deposit code is passed when updating the Direct Deposit.
400 Bad Request	Update the Direct Deposit with invalid Routing number.	"userMessage": {"messageTxt": "The check digit for the Routing number is invalid."}	User to check that a valid routing number is passed.
400 Bad Request	Update the Direct Deposit with invalid financial <b>Account/typeCode</b> .	"userMessage": {"messageTxt": "The Deposit could not be found."}	Your application should validate the code using values returned in the meta API.
400 Bad Request	Add a Direct Deposit prior to worker hire date (future hired).	"userMessage": {"messageTxt": "Select an effective date of 07-01-2019 or later. That's when the employee's first Position/record took effect."}	
400 Bad Request	A user has an existing bonus pay <b>fullnet</b> Direct Deposit. Add another Full Net Direct Deposit with a different code and bonus pay.	"userMessage": {"messageTxt": "An employee can have only one bonus deposit."}	
400 Bad Request	A user has an existing bonus pay <b>fullnet</b> Direct Deposit. Add another full net Direct Deposit with the same code and bonus pay.	"userMessage": {"messageTxt": "This Direct Deposit code was already added as of 03-26-2019. Enter a unique Direct Deposit code."}	
400 Bad Request	A user has an existing bonus pay <b>partial net</b> Direct Deposit. Add another partial net Direct Deposit with a different code and bonus pay.	"userMessage": {"messageTxt": "An employee can have only one bonus deposit."}	
400 Bad Request	A user has an existing bonus pay <b>partial net</b> Direct Deposit. Add another partial net Direct Deposit with the same code and bonus pay.	"userMessage": {"messageTxt": "This Direct Deposit code was already added as of 03-26-2019. Enter a unique Direct Deposit code."}	
400 Bad Request	Add a Direct Deposit with custom prenote and without date.	"message": "An error has occurred. Please contact your ADP Representative for further information."	

400 Bad Request	Add a Direct Deposit with the same existing priority number.	<b>"userMessage": {"messageTxt": "A deposit was already added with this priority number. An employee cannot have more than one deposit with the same priority number."}</b>	
400 Bad Request	Add Direct Deposit code which is not in the validation table.	<b>"userMessage": {"messageTxt": "financialAccount /typeCode is invalid."}</b>	Make your end user aware that the code is not valid.