Automation

Use Builder's templates (or create your own) to run custom actions and workflows.

Recast Builder is an automation engine that allows you to customize Recast actions. Builder can be used with any of Recast's pre-built actions, or you can build your own tools using different Right Click Tools, PowerShell scripts, Registry Edits, WMI Calls, and more. Builder actions can then be saved, shared using role-based permissions, and run using Recast Runner.

Recast Builder is available in a number of Configuration Manager console locations. To open the Builder interface, right click in the console and navigate to **Recast Automation** > **Recast Builder**.

For Recast Builder webinars and video tutorials, see the Automation playlist on our YouTube channel.

To explore a shared library of Recast Builder actions and workflows, see our Community Recast Automation Repository. Learn more

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Builder Interface Layout

The Recast Builder interface consists of a central canvas surrounded by three panels.
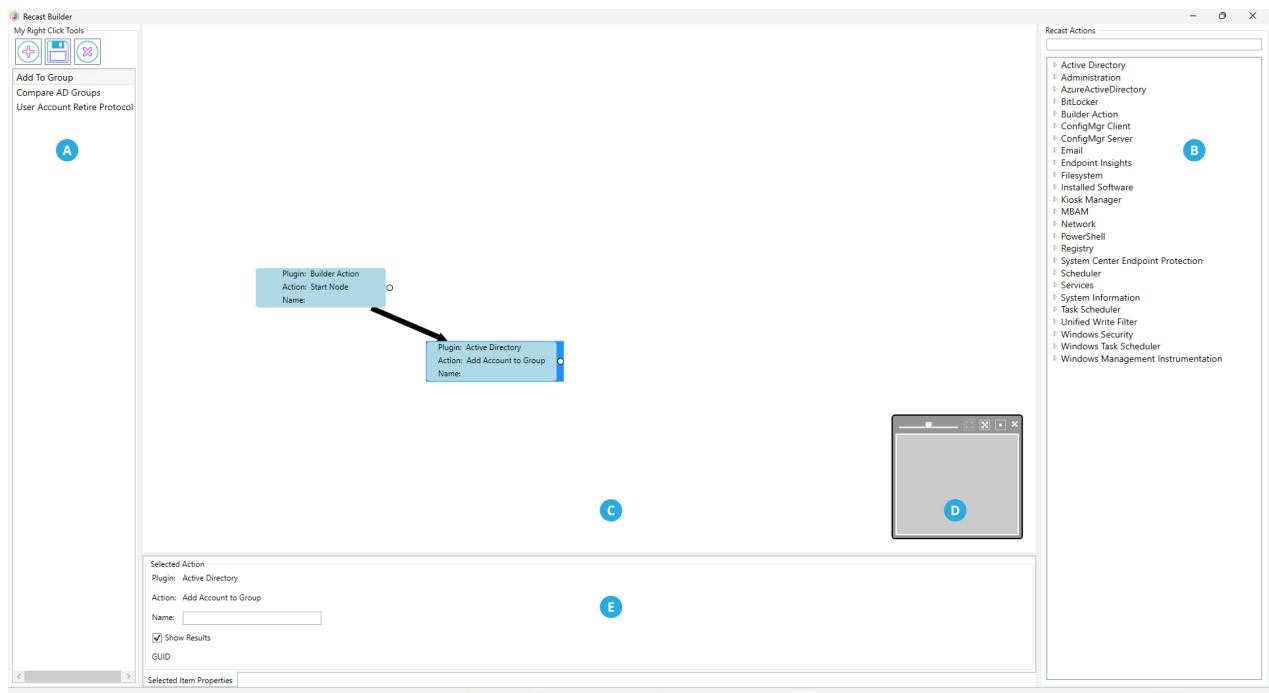
On the left

A. My Right Click Tools panel: Displays the icons for adding a new action, saving the current action, and deleting saved

actions. Saved actions and pre-built templates are accessible from the panel according to where they were created in the Configuration Manager console. If, for example, Recast Builder is accessed from Devices, tools for editing devices will be displayed.

On the right

B. Recast Actions panel: This searchable list displays hundreds of available actions by category. For a full list of available actions, see the Recast Actions Catalog.

In the center

C. Canvas: Drag and drop your saved Right Click Tools, pre-built templates, and Recast Actions onto this area to work with them. The Start Node represents the object selected when running the action, such as a device or user.

D. Viewfinder: Use this box to move around the canvas and to adjust settings including the zoom level, centering and fill.

At the bottom

E. Properties and parameters: Different sections appear at the bottom of the interface depending on what is selected on the canvas.

Action Properties: Configure **View**, **Name**, **Display** and **Action Type** options for your custom tools.
See Configure Action Properties.

**Target Input Parameters**: Map a parameter to a constant value or to a specific property or step.
See Map Target Input Parameters.

Custom Input Parameters: Provide users with input options before an action runs. Common uses include choosing a collection to which a device will be added, choosing whether to force a full inventory cycle upon completion, and having an admin input a PowerShell script.
See Set Custom Input Parameters.

Conditional Responses: Set conditional responses to skip actions based on the results of previous actions.
See Set Conditional Responses.


Create a New Recast Action

To create a new custom tool in the **My Right Click Tools** list, click the **New Action** button (+ sign).
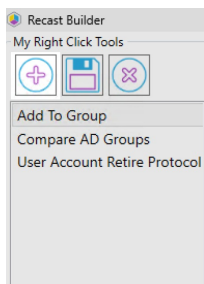
Use a Pre-Built Workflow

Recast offers a set of pre-built actions to get you started with Builder. These workflows are made up of a sequence of actions, and can be used as-is or as a starting point for creating your own custom Right Click Tools. For a description of the tasks included in each pre-built sequence of actions, see Recast Builder Actions.

Pre-built actions are listed in the **My Right Click Tools** panel. The Builder Actions displayed will vary depending on where you've opened Builder in your Configuration Manager console. For example, when Builder is accessed from Users, the templates that include user management actions will appear.
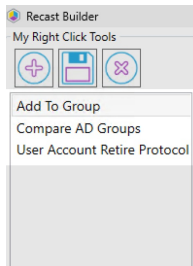
Drag-and-drop the templates onto the canvas to view and/or edit the actions they include. Pre-built actions often require some configuration in Builder. For instructions, see Configure Builder Actions.

In addition to the pre-built actions available within Builder, you'll also find a growing collection of Recast actions and workflows in our Community Recast Automation Repository. You can import any of the templates from this shared library into Builder.

Add Recast Actions

You can add any of the actions listed in the Recast Actions panel to create an automated workflow. For a list of all the available actions, see the Recast Actions Catalog.
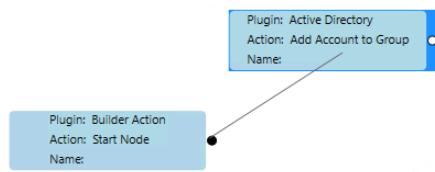
To add actions to an automation sequence:

1. Use the **Recast Actions** search box or drill-down menu to select the desired actions.

2. Drag-and-drop each action onto the canvas area.
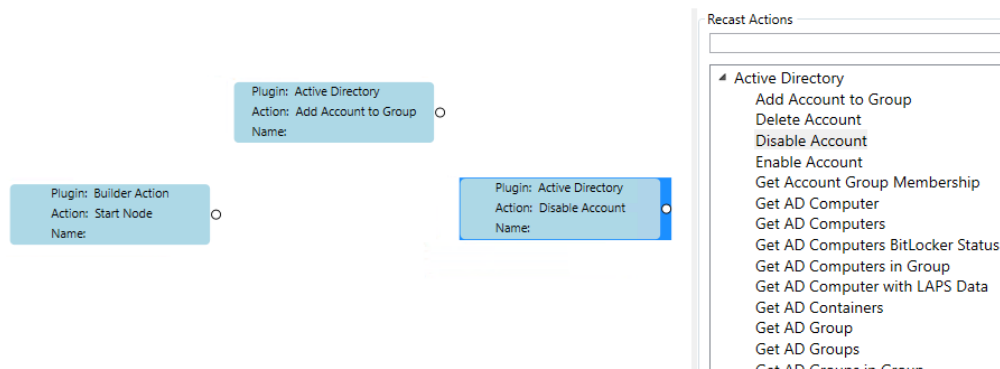
3. Order the sequence of actions from the Start Node to the first action by selecting the circle edge and dragging it to the

first box.

Builder will auto-select the Edge arrow in blue and populate the item properties in the **Selected Edge** section. Setting parameters will tell Configuration Manager which properties to change on the targeted object.
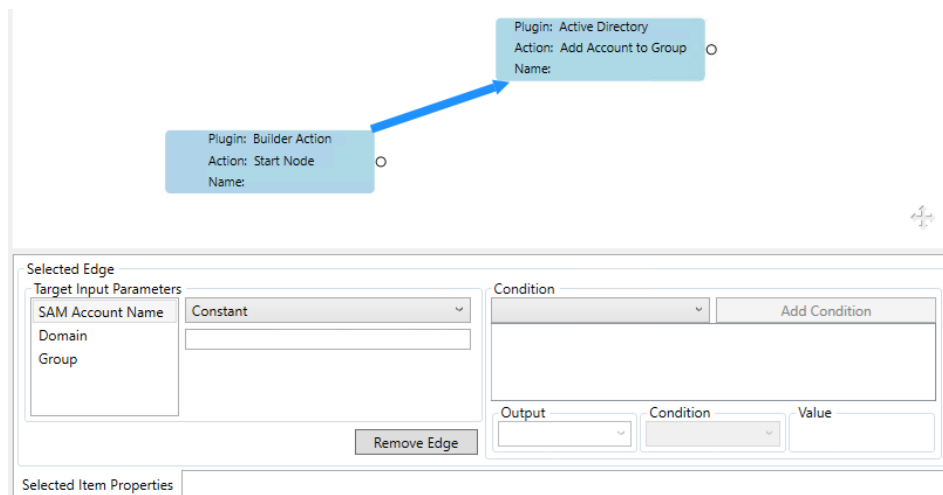
Configure Action Properties

Choose **Action Properties** to determine the design and configuration of a Recast Builder action.

To choose action properties:

1. On the canvas, click the **Start Node** (the object the user will click on to run the tool).

2. Under **Action Properties**, specify the **View**, **Name**, **Display** and **Action Type**, which are described below.

View

The **View** field determines how the results of a Right Click Tools Builder tool will display. View options do not affect the technical operation of Right Click Tools Builder tools — they only affect how results are displayed.

View Options:

- **Single Grid Results**
- **Two Grid Results**

- **Tabbed Results**: Shows a result for each step of the tool

Name

Name sets the name of the Recast Builder tool. After entering a new tool name, click the **Save** icon in the **My Right Click Tools** panel.

Display

Display sets the Configuration Manager object that the Right Click Tools Builder tool is run against. Options differ according to the selected **Action Type**.

Example: For a tool run against a device, **Computer Name** would be an appropriate display option.

Action Type

The **Action Type** sets the properties on which the tool will take action.

Action Type Options:

- **Generic**: For all Right Click Tools Builder Tools acting on functions not related to users or devices.
- **Device** (with or without resource ID): For tools acting on devices. These tools will be available anywhere Right Click Tools device tools are available. The Resource ID is Configuration Manager's unique identifier for a computer object.
- **User** (with or without Resource ID): for tools acting on users. These tools will be available anywhere Right Click Tools user tools are available. The Resource ID is Configuration Manager's unique identifier for a user object.

Set Custom Input Parameters

Input Parameters can be used to offer administrators and end users with options before an action is run.

Examples of custom inputs:

- Choosing a collection to which a device will be added.
- Choosing whether or not to force a full inventory cycle upon completion.
- Having an admin input a PowerShell script.

To add an input parameter:

Under **Custom Input Parameters**, select an option from the drop-down list and click **Add**.

Parameter Options

- **Boolean**: Prompts the user running the action with an option to check or uncheck the parameter mapped to the Boolean.
- **DateTime**: Prompts the user running the action with an option to select the date and time.
- **Integer**: Prompts the user running the action with an option to set an integer value. You also have the option to set a default, minimum, and maximum value.
- **TimeSpan**: Prompts the user running the action with an option to set a length of time. A default value can be set, if needed.
- **String**: Provides two options - **List** or **Textbox**. This will prompt the user running the action to select or input a string.

  List

Textbox

To remove an input parameter:

Under **Custom Input Parameters**, select a listed item and click **Remove**.

Map Target Input Parameters

Parameters can be mapped to a constant value or a specific property or step. **Constant** values must be specified, whereas **Parameter Mapping** values can be pulled from any step of the existing tool to any property of the action being taken. This should be done for every parameter appropriate for the actions you are trying to take.

- Use a Constant value to hard code a value.
- Use Parameter Mapping for actions where you need to pull inputs from the user or where the properties of the object should change.

To map to a constant value:

Under **Target Input Parameters**, select **Constant**.

To map to a property or step:

Under **Target Input Parameters**, select **Parameter Mapping**, then select the **Node** and the **Parameter** from the drop-down lists.

Set Conditional Responses

Right Click Tools Builder lets you set conditional responses, allowing you to skip actions based on the results from previous actions. If the conditions are true, Recast Runner will execute the next step according to the specified workflow. If not, the next step (and any subsequent step in the chain) will be skipped.

Logical term options: And, Or, Less Than, Less Than or Equal To, Equal To, Greater Than, Greater Than or Equal To

To add a conditional response:

1. On the canvas, click on the edge (arrow) that connects the two actions between which you want to add a condition.

2. In the **Condition** section, click the **New Condition** icon (+ sign) and select a logical term from the drop-down list.

3. Associate the condition with a specific **Output** and/or input **Value**.

   In this example, an "Equal To" condition has been set from the Computer Name to the name of device "XYZ".

Recast Builder Actions

Recast Builder Actions can help you quickly automate a workflow in your environment. These pre-built sequences of actions are designed to get you started using Recast Builder, introduce you to some of the automation features available in Builder, and help you start making tools on your own.

As of v5.1.2305.507, pre-built actions can be accessed from within Recast Builder, removing the need to import them into the interface. These actions will only appear in Builder, upon upgrade or with a fresh install, for deployments that do not already have existing Builder actions in place. To learn more, see Configure Recast Builder Actions .

Disclaimer: These Builder actions are provided on the basis that they can be edited, changed, and shared, but not sold. While every available effort has been made to be sure they work well and do what was intended, we can't anticipate the requirements of every conceivable Configuration Manager environment, so download/use at your own risk — no guarantees of function, support, or that they won't break something. As with everything, test first.

All Client Policies

This Builder action runs through all the Configuration Manager's client policies. This is great for new or recently re-built computers to force them to check into Configuration Manager.

This tool completes the following steps:

- Ping computer
- Machine Policy Retrieval and Evaluation Cycle
- Discovery Data Collection Cycle
- Hardware Inventory Cycle
- Software Inventory Cycle
- Send Unsent State Messages Cycle
- Software Updates Scan Cycle
- Application Deployment Evaluation Cycle
- State Message Cache Cleanup
- Windows Installer Source List Update Cycle
- Software Inventory Cycle
- File Collection Cycle
- Software Updates Deployment Evaluation Cycle

For v5 Releases: Now available in Builder, All Client Policies 5.xml 🔗

Add an AD User to an AD Group

This Builder action lets you add an AD user to an AD group from a list of groups.

For v5 Releases: Now available in Builder, Add To Group 5.xml 🔗

For instructions on setting up this template in Builder, see Configure Starter Pack Templates in Recast Builder .

BitLocker Recovery Password from Device

This Builder action grabs the BitLocker Recovery Password from any drive on a device. This uses a custom input parameter to allow users to choose what drive they want to grab the recovery password from.

This tool completes the following step:

- Get Recovery Password From Device

For v5 Releases: Now available in Builder, BitLocker Recovery Password 5.xml 🔗

Compare Two Users' AD Groups

This Builder action lets you compare the group memberships of two AD users. This action is particularly useful if, for example, you have a new team member and want to compare their group memberships to those of an existing team member.

This tool completes the following steps:

- Gets AD group membership for a selected user
- Prompts you to enter the AD username that you'd like to compare against the selected user
- Shows you group memberships for both users in tabbed results

For v5 Releases: Now available in Builder, Compare AD Groups 5.xml 🔗

User Account Retire Protocol

This Builder action automates a common task — taking steps when a person leaves an organization to secure their account credentials and prepare the account for retirement. It's easily adaptable to other user-based tasks as well, and is a nice jumping-off point for Recast Builder.

This tool completes the following steps:

- Prompts the admin running the tool to input a new password for the account
- Resets the password for the account to this password
- Disables the account
- Moves the account to a new OU

In the **Target Input Parameters** panel, you must specify a valid **OU** in your environment as a **Constant** value.

Format Example: OU=RecastUsers,DC=demo,DC=recastsoftware,DC=com

For v5 Releases: Now available in Builder, User Account Retire Protocol 5.xml 🔗

For instructions on setting up this template in Builder, see Configure Recast Builder Actions .

Reboot if Pending Restart Exists

This Builder action allows you to force a restart on systems that have a pending reboot scheduled, without requiring you

to query for pending reboot data in advance. It's a friendly way to help your end users who hate to restart stay updated and compliant without requiring any personal intervention.

This tool completes the following steps:

- Ping Computer
- If Ping is successful, Check System Information Collection for Pending Restart Information
- If Pending Restart Exists, force a Reboot with a 5-minute timer and a user pop-up message: "Your computer needs to restart, please save and close in the next 5 minutes."

For v5 Releases: Now available in Builder, Reboot If Pending Restart Exists 5.xml 📎

Video Overview

Re-Enroll Agent

There are times when a Recast Agent attempts to connect to a Recast Management Server, but is unable. You'll see a warning in the Recast Management Server telling you that there is an Agent that is trying to connect, but it is not approved. This occurs most often if you delete the Agent from the Recast Management Server manually. Because the Agent information is deleted, there is no way to approve this Agent.

To resolve the problem, use this Builder action to re-enroll the Recast Agent.

The tool completes the following steps:

- Deletes the **agent.sqlite** file located in this folder:

  Version 5.x Recast Agent: `C:\ProgramData\Recast Software\Recast Agent`

  Version 4.x Recast Agent: `C:\Windows\System32\config\systemprofile\AppData\Roaming\Recast Software\Recast Agent`

- Restarts the Recast Agent service

For v5 Releases: Now available in Builder

For v4 Releases: Re-Enroll Agent.xml 📎

Grant Remote Access

This Builder action is used to grant a specific AD user remote access to a device by adding the user to the local "Remote Desktop Users" group on the device.

The tool completes the following steps:

- Asks for the AD Username
- Adds the AD Username entered to the "Remote Desktop Users" local group.

For v5 Releases: Now available in Builder, Grant Remote Access 5.xml 📎

For instructions on setting up this template in Builder, see Configure Recast Builder Actions .

Configure Pre-Built Templates

As of Recast Software Version 5.1.2305.507, pre-built Recast templates can be accessed from within Recast Builder, eliminating the need to import them from the Recast Builder Actions page. These templates appear upon upgrade or with a fresh install for deployments that do not already have existing Builder templates in place.

For a description of the actions included in each pre-built template, see Recast Builder Actions.
For more information on configuring properties, parameters, and conditions, see the Recast Builder Overview.

You'll find pre-built Recast actions listed in the **My Right Click Tools** panel. Drag-and-drop them on to the canvas to view the sequence of included steps and edit their properties and parameters.

Some pre-built templates require a bit of configuration in Recast Builder before they can be run.

User Account Retire Protocol

For this Recast action, the Start Node represents the user account selected in Configuration Manager before running the action. The edges (aka the arrows) are preconfigured to link the Start Node to the Reset Password, Disable Account and Move Account to Container actions.

To configure the action:

1. Select the Start Node on the canvas.

    Under **Action Properties**, view or edit the default settings and name the tool:

    - View: Tabbed Results

    - Name: For example, User Account Retire Protocol

    - Display: User Name

    - Action Type: User

    Under **Custom Input Parameters**, view or edit the default settings:

    - Display Name: Input a New Password

    - Variable Name: TextBoxValue

    - Minimum Length: 1

    - Maximum Length: 20

2. Select the edge linking the Disable Account and Move Account to Container actions.

    Under **Target Input Parameters**, update the **ADPath** as a **Constant** value.

    ADPath Format Example: ADPath=RecastUsers,DC=demo,DC=recastsoftware,DC=com

    NOTE: The ADPath is case sensitive.

Recast Actions Catalog

A list of all the actions available from the Recast Actions panel in the Builder interface.

Plugin	Action

Plugin	Action
Active Directory	Add Account to Group
	Delete Account
	Disable Account
	Enable Account
	Get Account Group Membership: Returns all groups for an AD account.
	Get AD Computer
	Get AD Computers: Returns all devices for an AD domain.
	Get AD Computers BitLocker Status
	Get AD Computers in Group: Returns all nested devices in an AD group.
	Get AD Computer with LAPS Data
	Get AD Container by Distinguished Name
	Get AD Container by Object Guid
	Get AD Container by Object Guide Core
	Get AD Groups: Returns all groups for an AD domain.
	Get AD Groups in Group
	Get AD OUs
	Get AD User
	Get AD Users: Returns all users for an AD domain.
	Get Ad Users in Group
	Get BitLocker Recovery Data
	Get Domain
	Get Group Members
	Get Group Memberships: Returns all groups for the user or device from AD, including nested groups.
	Get Parent OUs: Returns all parent Organizational Units.
	Get Primary Group for Account
	Is Account Enabled
	Move Account to Container
	Remove Account from Group
	Reset Password
	Search AD Computers
	Search AD Groups
	Search AD Users
	Search OUs
	Search Principal
	Set LAPS Password Expiration
	Unlock Account

Plugin	Action
Administration	Add Permission to Role
	Add Role
	Add User
	Add User to Role
	Change Enrollment Settings
	Change Setting
	Delete Role
	Delete Route
	Delete User
	Get Admin Trend List
	Get All Permissions
	Get All Settings: Returns all names and current values listed on the RMS Settings page.
	Get Enrollment Settings
	Get Execution History: Returns audit log information.
	Get Permissions Details for User
	Get Permissions for Role
	Get Permissions for User
	Get Roles: Returns all user roles in RMS.
	Get Roles for User
	Get Trend
	Get Trend List
	Get Trends by Type
	Get User and Roles
	Get Users: Returns all users in RMS.
	Remove Permission from Role
	Remove User from Role
	Rename Role
Azure Active Directory (Entra ID)	Get Device Group Memberships
	Get Domain
	Get Group Memberships: Returns all groups for the user or device from Graph API, including nested groups.
	Search Principal
	Test New Service Connection
	Test Service Connection

Plugin	Action
BitLocker	Add Numerical Password Key Protector
	Add Passphrase Key Protector
	And Protectors and Encrypt
	Add TPM and PIN Key Protector
	Add TPM and Startup Key Key Protector
	Add TPM Key Protector
	Backup Key Protector to Active Directory
	Backup Key Protector to Azure Active Directory
	Decrypt Volume
	Encrypt Volume
Builder Action	Concatenate Strings
	List Actions
	List Actions in Category
	List Actions with Type
	Run Saved Action: Runs a Builder Action and returns results.
	Sleep
	Start Node
ConfigMgr Client	Advanced Client Information
	Application Deployment Evaluation Cycle: Initiates this cycle on a ConfigMgr client.
	Boundaries
	Boundary Groups
	Change Cache Size
	Clear Cache: Deletes all content in the ConfigMgr client cache.
	Client Cache General Information: Returns a summary of client cache information.
	Client Cache Content: Returns all content details in the cache.
	Execution History
	Installed Client Components
	Deployed Applications: Returns all ConfigMgr-deployed applications from the client.
	Deployments: Returns all ConfigMgr programs and task sequence deployments from the client.
	Discovery Data Collection Cycle: Initiates this cycle on a ConfigMgr client.
	Evaluate Configuration Baseline
	File Collection Cycle
	General Client Information: Returns ConfigMgr client information
	Get Boundary Information
	Get Client Information Cache Data: Returns cache usage summary for a ConfigMgr

Plugin	Action
	client.
	Get Configuration Baselines: Returns all deployed ConfigMgr baselines from a client.
	Get Deployed Programs: Returns all ConfigMgr-deployed programs from the client.
	Get Deployed Task Sequences: Returns all ConfigMgr task sequences deployed to a device.
	Get Device ID
	Get Service Windows
	Get User Policy Endpoint
	Hardware Inventory Cycle: Initiates this cycle on a ConfigMgr client.
	Install Application
	Install Application or Program: Initiates installation of a ConfigMgr application or program on a device.
	Install Program
	Install Software Updates
	Install Software Updates by ID
	Install User Application
	Machine Policy Retrieval and Evaluation Cycle: Initiates this cycle on a ConfigMgr client.
	Missing Software Updates: Returns all missing software updates currently deployed to a device.
	Package Information
	Refresh Updates Compliance State
	Remove Items from Cache
	Repair Client: Initiates ConfigMgr client repair process.
	Rerun Deployment: Initiates deployment execution of task sequences or package programs on the ConfigMgr client.
	Restart SMS Agent
	Run Client Check
	Run Client Action
	Send ConfigMgr Client Toast Notification
	Send Unsent State Messages: Sends pending state message for a ConfigMgr client.
	Software Inventory Cycle: Initiates this cycle on a ConfigMgr client.
	Software Metering Usage Report Cycle
	Software Updates Deployment Evaluation Cycle: Initiates this cycle on a ConfigMgr client.
	Software Updates Scan Cycle
ConfigMgr Server	Add Computer Names to Collection
	Add Device Resource ID to Collection
	Add Content to Distribution Point

Plugin	Action
	Add Content to Distribution Point Group
	Add Devices to Collection: Adds devices to a collection, based on a specific or wildcard search of computer names.
	Add Devices to Collection by Resource ID
	Add Item to Scope
	Add User Resource ID to Collection
	Add Users to Collection
	Approve or Deny Request
	Content Details: Returns content information and summary for distribution points.
	Create Query
	Delete Device
	Delete Devices
	Delete User
	Get Accounts
	Get Active Alerts
	Get Active Directory Forests
	Get Administrative Users
	Get Alert Subscriptions
	Get All Alerts
	Get All Collections
	Get All Content Status
	Get All Deployment Types: Returns all application deployment types in ConfigMgr.
	Get All Device Collections
	Get All Device Collections by Collections
	Get All Devices
	Get All Devices in OU
	Get All Distributed Content: Returns all distributed content in ConfigMgr.
	Get All Software Updates
	Get All User Collections
	Get All Users
	Get Application by ID
	Get Application Revisions
	Get Applications
	Get Approval Requests
	Get Asset Intelligence Catalog
	Get Asset Intelligence Hardware Requirements
	Get Asset Intelligence Inventoried Software
	Get Automatic Deployment Rules
	Get Baseboard Information

Plugin	Action
	Get Boot Images
	Get Boundaries
	Get Boundary Groups
	Get Category Instance by ID
	Get Certificates
	Get Chassis Information
	Get Client Operations
	Get Client Settings
	Get Collection Folder Information
	Get Collections for Device
	Get Collections for User
	Get Collection Variables for Device
	Get Comanaged Device Workloads by Collection: Given a Collection ID, returns devices and workloads comanaged in ConfigMgr and Intune.
	Get Comanaged Workloads: Given a Resource ID, the action returns workloads that are being comanaged in Configuration Manager and Intune.
	Get Compliant Update Statuses
	Get Component Status
	Get Computers Without LAPS Client: Returns all devices without a legacy Microsoft LAPS client.
	Get Computers with x64 LAPS Client: Returns all devices with a 64-bit legacy Microsoft LAPS client.
	Get Computers with x86 LAPS Client: Returns all devices with a 32-bit legacy Microsoft LAPS client.
	Get Computer System Information
	Get Computer Warranty
	Get Configuration Baselines
	Get Configuration Items
	Get Conflicting Records
	Get Content Status: Returns content information and summary of distribution status.
	Get Deployed Applications for User
	Get Deployment Packages
	Get Deployments
	Get Deployment Types for Application
	Get Device Collection Folders
	Get Device Collection Information for Device: Returns information about all collections for a device.
	Get Device Collection Members: Returns all devices in a collection.
	Get Device Collections in Folder

Plugin	Action
	Get Device Count
	Get Devices by Creation Date
	Get Devices by MAC Address
	Get Devices by BIOS GUID
	Get Devices by ME ID: Given one or more Microsoft Entra ID GUIDs, a Site Code and a SMS Provider, returns the domain name for a device from ConfigMgr.
	Get Discovery Methods
	Get Distributed Software Updates: Returns all software updates distributed in a ConfigMgr site.
	Get Distribution Point Configuration Status
	Get Distribution Point Content
	Get Distribution Point Groups
	Get Distribution Point Group Status
	Get Distribution Point Group Status for Package: Returns all distribution point groups for a piece of content.
	Get Distribution Points in Distribution Point Group
	Get Distribution Point Status for Package: Returns all distribution points for a piece of content.
	Get Distribution Point Groups with Members
	Get Distribution Point Group Task Sequence Content
	Get Driver Packages
	Get Drivers
	Get Endpoint Protection Antimalware Policies
	Get Endpoint Protection Firewall Policies
	Get Failed Content on Distribution Point
	Get Global Conditions
	Get Installed Software Updates
	Get Machines with ConfigMgr BitLocker Management Keys: Returns all devices with BitLocker keys in ConfigMgr.
	Get Malware Detected
	Get Manufacturer Counts
	Get Migration Jobs
	Get Non-Compliant Update Statuses
	Get Object Container Items
	Get Operating System Images
	Get Operating System Installers
	Get Packages
	Get Power Configurations for Computer
	Get Queries

Plugin	Action
	Get Recent Devices Scanned
	Get Required Software Updates
	Get Scope Memberships
	Get Security Roles
	Get Security Scopes
	Get Servers and Site System Roles
	Get Service Windows for Computer
	Get Sites
	Get Site Status: Returns all site systems statuses in ConfigMgr.
	Get Software Metering Rules
	Get Software Update Groups: Returns all software update groups in ConfigMgr.
	Get Software Updates in Group
	Get Status Message Queries
	Get System BIOS Information
	Get System Console Usage Data
	Get System Firmware Status
	Get System Operating System Information
	Get Systems BitLocker Encryption Status: Returns the BitLocker encryption status for devices in ConfigMgr.
	Get Task Sequence Content
	Get Task Sequences
	Get Unknown Devices
	Get User Collection Folders
	Get User Collection Members
	Get User Collections in Folder
	Get User Devices
	Get User Devices by User Name
	Get User State Migrations
	Get Virtual Hard Disks
	Get Warranty Information: Retrieves and updates warranty data in ConfigMgr for a collection of devices.
	Install Application
	Redistribute Content to Distribution Point: Initiates redistribution of content to a distribution point.
	Redistribute Content to Distribution Point Group
	Remove Content from Distribution Point: Initiates removal of content from a distribution point.
	Remove Content from Distribution Point Group
	Remove Devices from Collection

Plugin	Action
	Remove Devices from Collection by Resource ID
	Remove Item from Security Scope
	Remove Users from Collection
	Remove Users from Collection by Resource ID
	Run Client Operation
	Run Configuration Manager WQL Query
	Run ConfigMgr Script on Devices
	Run Recast Action: Runs a Recast Action on the Fast Channel and returns results.
	Run Status Message Query
	Run WQL Query
	Save Query
	Start CM Site Backup
	Update Content
	Validate Content on Distribution Point Group: Initiates ConfigMgr validation for content on a distribution point.
	Wake on LAN: Sends a Wake on LAN packet to a device.
	Wake on LAN Fast Channel
Email	Send Email via SMTP
Endpoint Insights	Open Recast Endpoint Insights Report Viewer
Filesystem	Append Text to File
	Copy File
	Copy Folder
	Create Folder
	Delete File
	Delete Folder
	Move File
	Move Folder
	Replace Text in File
	Set Owner on File
	Set Owner on Folder
	Write Text to File
Installed Software	List Software: Returns all software in Add/Remove Program on a device.
	Uninstall Software

Plugin	Action
Kiosk Manager	Applied Profile Status
	Apply Profile: Applies a Kiosk Manager profile to a device.
	List Profiles: Returns all saved Kiosk profiles.
	Prepare Profile
	Rollback Profile
MBAM	Get Machines with MBAM Keys
	Get Machines with MBAM Keys v2
	Get MBAM Compliance
	Get MBAM Compliance for All Machines
	Get Recovery Keys for Device
	Get TPM Hash
	Get TPM Hash for User
Network	Ping Computer: Returns a response to an Internet Control Message Protocol (ICMP) echo request from a device.
PowerShell	Run PowerShell Script Block
Registry	Add Permission
	Create Subkey
	Delete Subkey
	Delete Value
	Get Value
	List Hives
	List Subkeys
	List Values
	Remove Permission
	Rename Value
	Set Owner
	Set Value
System Center Endpoint Protection	Add Defender Exclusion
	Full SCEP Scan
	Gather SCEP Logs
	Get Defender Exclusions
	Get Defender Status
	Start Defender Scan
	Update SCEP Definitions

Plugin	Action
Scheduler	Cancel Action
Services	Change Login
	Change Start Mode
	List Services: Returns all services on a device.
	Restart Service
	Start Service
	Stop Service
System Information	Add Local Group Member
	Cancel Shutdown
	Remove Local Group Member
	Delete Profile: Deletes a Windows user profile from a device.
	Get All Local Group Members
	Get Battery Information
	Get Drivers
	Get General Information: Returns hardware and operating system information for a device.
	Get Logged in Users: Returns all users currently logged into a device.
	Get Running Processes
	Get Updates: Returns all software updates installed on a device.
	Get User Profiles: Returns all user profile information on a device.
	Get User Sessions: Returns all users currently logged into a device.
	Group Policy Update: Initiates a group policy update on a device.
	Kill Process
	Log Off All Users
	Log Off User Session
	Reset BitLocker Recovery Password
	Schedule Shutdown
	Send Message to All Users
	Send Message to User Session
	Send Recast Toast Notification
	Shut Down Computer: Initiates shutdown and restart of a device.
	Shut Down Computer with Prompt
	System Information Collection

Plugin	Action
Task Scheduler	Delete Task
	Get Task Results
	Get Task Results for Date
	List Tasks
	Schedule Task
	Schedule Task Daily
	Schedule Task Monthly by Day
	Schedule Task Monthly by Occurrence
	Schedule Task Weekly
	Start Task by ID
	Start Task by Name
Unified Write Filter	Add File Exclusions
	Add Registry Exclusions
	Apply Profile
	Commit File Deletions
	Commit Files
	Commit Registry Deletion
	Commit Registry Values
	Configure Unified Write Filter
	Delete Profile
	Disable Bind by Drive Letter
	Disable Servicing
	Disable Unified Write Filter
	Enable Bind by Drive Letter
	Enable Servicing
	Enable Unified Write Filter
	Find File Exclusion
	List File Exclusions
	Get Overlay Configuration
	List Registry Exclusions
	Get Unified Write Filter Feature Status
	Get Unified Write Filter Status
	Install Unified Write Filter
	List Profiles
	Protect All Volumes
	Protect Volume

Plugin	Action
	Remove All File Exclusions
	Remove All Registry Exclusions
	Remove File Exclusions
	Remove Registry Exclusions
	Remove Unified Write Filter
	Reset Unified Write Filter Settings
	Restart System
	Save Profile
	Set Maximum Overlay Size
	Set Overlay Critical Threshold
	Set Overlay Type
	Set Overlay Warning Threshold
	Shut Down System
	Unprotect Volume
	Update Windows
	Use Disk Overlay
	Use RAM Overlay
	Volume is Protected
Windows Security	Clear TPM
	Enable Credential Guard Settings
	Enable System Guard Secure Launch
	Enable TPM Auto Provisioning
	Enable Virtualization Based Security
	Get All Virtualization Based Security Settings
	Get TPM Status
	Get UEFI Secure Boot Status
	Get Virtualization Based Security Settings
	Get Windows Firewall Profiles
	Get Windows Firewall Rules
	Provision TPM
Windows Task Scheduler	Delete Task
	List Tasks
	Run Task
	Schedule Task

Plugin	Action
Windows Update Agent	Get Updates: Returns missing software updates for a given computer.
	Download and Install Updates: Downloads and installs all missing software updates on a comanaged device.
	Download and Install Select Updates: Downloads and installs selected missing software updates on a comanaged device.
Windows Management Instrumentation (WMI)	List Classes
	List Class Methods
	List Instance Methods
	List Instances
	List Namespaces
	Run Class Method
	Run Instance Method
	Run WQL Query

Import/Export Builder Actions

Export Actions from Builder

Exporting Builder actions allows you to save them as XML files that can then be imported into another system.

To export Builder actions:

1. In the Recast Builder interface, right-click in the whitespace below the saved actions in the **My Right Click Tools** panel.

2. Select **Export**.

Import Actions into Builder

You can import pre-defined templates or your own custom actions into Builder.

To import actions into Builder:

1. Open Recast Builder from the location you wish to be able to run the tool from later (for example, if importing a device tool template, access Builder from **Devices**).

2. In the **My Right Click Tools** panel to the far left, right-click in the whitespace below the saved actions.

3. Select **Import**.

4. Navigate to and open the XML file for the action you wish to import.

The saved action will appear in your **My Right Click Tools** panel.

Builder Suggestions

Is there an action that you wish you had in Recast Builder?

Yes? Awesome! Feel free to submit a Builder suggestion. We can't guarantee that we'll be able to create every Builder action requested, but we'll do our best to create the action for you, if possible.

Email your Builder suggestions directly to support@recastsoftware.com.

Disclaimer: Builder actions and pre-built workflows are provided on the basis that they can be edited, changed, and shared, but not sold. While every available effort has been made to be sure they work well and do what was intended, we can't anticipate the requirements of every conceivable Configuration Manager environment, so download/use at your own risk—no guarantees of function, support, or that they won't break something. As with everything, test first.

Recast Runner

Recast Runner executes actions created with Recast Builder. Builder actions can only be run with the user account accessing the Configuration Manager console or by routing over the Recast Proxy service account.

To execute a Builder Action with Recast Runner:

1. Right-click in your Configuration Manager console and select **Recast Automation** > **Recast Runner**.

2. In the **RCT Runner - Run Action** dialog, select an action and click **Next**.

3. Choose to run the action immediately or according to a schedule and click **Finish**.