

# Introduction to Operations Orchestration Central

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## About Operations Orchestration Central

Operations Orchestration (OO) Central is a web-based application used for promoting flows, running and scheduling flows, administering the system, and extracting and analyzing data resulting from flow runs.

Based on access granted, an end user can trigger and monitor flows. The end user can access entitled OO flows directly through Central Library.

This is a brief description and guide of how to access and use OO Central, for more help view the [vendor documentation](#) or click the help button top right in the [OO Central UI](#).

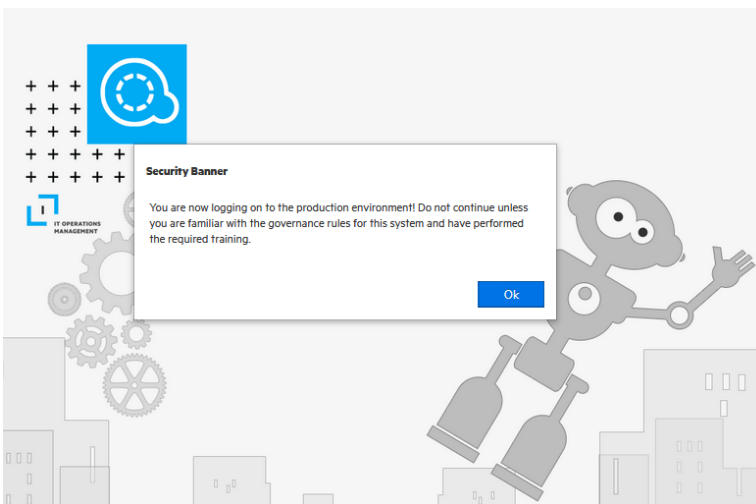
## OO Central

<https://automation.onefiserv.net/>

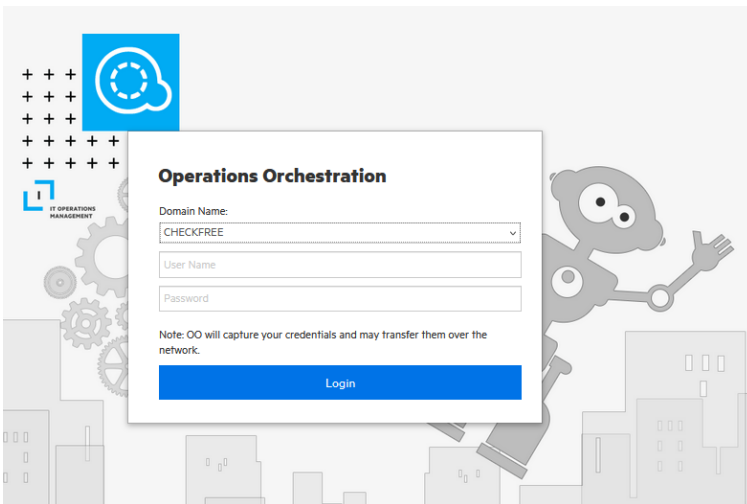
## Login to OO Central

Follow the below instructions while logging into OO Central:

1. Visit the [OO Central login portal](#).



2. Press **Ok**.
3. Enter your **CHECKFREE** username and password.



4. Click **Login**.

NOTE: If you are unable to log in, visit our [Onboarding Help](#) page for troubleshooting

## Navigating OO Central

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Please note, Fiserv's WalkMe extension on Edge may try to autofill certain UI components in the **Run Management**'s modules with your username. This is not intended behavior, please empty fields whenever autofilled.

### Run Management

After logging in, you should see a navigation menu on the left hand side.

1. Click the **Run Management** button to display the Run Management workspace.

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The Run Management workspace includes three modules: explorer, launcher, scheduler. We will mostly be focusing on the explorer and launcher.

### Run Explorer

In the Run Explorer module, the user can monitor their running flows and the flows that have finished running.

You can track flow runs, export in a CSV format, monitor their progress and perform actions on flow runs, such as pausing, resuming, and canceling them.

If a flow fails and you want to troubleshoot, you can drill down into the run to display detailed information. If you have many flows running at the same time, you can use filters to locate the flow that you need.

### Flow Launcher

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In the Flow Launcher module, the user can browse for a flow, view the flow information, name the run, enter inputs, and run the flow.

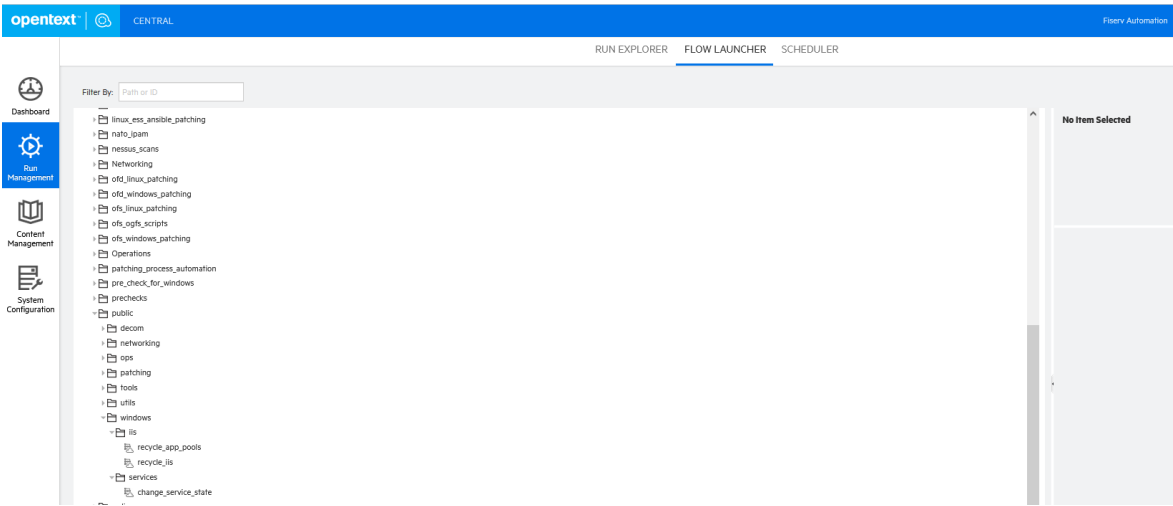
This is where you will be executing your automation from.

## Run and Monitor Flows

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The screenshots in this guide are for demonstrative purposes only to showcase various UI components.

1. Click on the **Run Management** button.
2. Click on the **Flow Launcher** tab.



3. Navigate to the desired folder.
- (Optional) To locate the flow you need, enter part of or full flow path in the **Filter By** text box.
4. Select the desired flow to execute. Details about the flow are displayed on the right in the **Flow Details** pane.

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In the **Flow Details** pane, on the upper right, you can view information about the selected flow, such as ID, content pack, description, and inputs.

5. Leave run name, persistence level, and empty value for prompts as default.
6. Fill in the appropriate inputs for the selected flow.
7. (Optional) Select the **Open Run After Launch** check box to automatically track this flow after it's started in a pop up menu.
  - If you leave this unchecked, navigate to the **Run Explorer** module to monitor your run details.

8. Click **Run**.

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## UI Tips

### Table View

If you are having trouble with loading the tree view of the run, switch to the **table view**.

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RUN EXPLORER FLOW LAUNCHER SCHEDULER

Completed - Resolved

decommission\_sysedge\_monitoring\_async

Step Name	Transition Message
variables	SUCCESS
get_secret	SUCCESS
get_devices	SUCCESS
device_found	IS_NULL
do_nothing_1	SUCCESS
capm_splunkhec_logging	SUCCESS
uninstall_sysedge	SUCCESS
run_device_server_script	SUCCESS
is_true	TRUE
do_nothing	SUCCESS
get_secret_from_vault	SUCCESS
variables	SUCCESS
get_secret	SUCCESS
run_server_script	SUCCESS
do_nothing	SUCCESS
Start_Server_Script	success
Wait_for_job	success

Flow Graph Step Details

overall\_success

Run ID: 27587896741

Step ID: overall\_success

Start Time: 4:14:19 PM

End Time: 4:14:19 PM

Response: Custom: TRUE

Duration: 0 seconds

Inputs: boot\_value True

Primary Result: N/A

Worker Group: RAS\_Operator\_Path

Worker ID: 919a58bb-ea38-4707-b726-3ca37c783c0b

Start Worker ID: N/A

End Worker ID: N/A

Robot Group: Default

Robot ID: N/A

Transition Message: TRUE

Step Persistence: Detailed

## Collapsing and Expanding Steps

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RUN EXPLORER FLOW LAUNCHER SCHEDULER

Completed - Resolved

recycle\_app\_pools

Step Name	Transition Message
variables	SUCCESS
get_users_allowed_server_list	AUTHORIZED
recycle_app_pools	SUCCESS
input_is_port	SUCCESS
is_digit_1	IS_DIGIT
Greater_Than	success
Less_Than_or_Equal	success
local_variables	SUCCESS
run_script_remotely	SUCCESS

Flow Graph Step Details

recycle\_app\_pools

Run ID: 27587899973

Step ID: recycle\_app\_pools

Start Time: 5:10:29 PM

End Time: 5:12:40 PM

Response: Resolved SUCCESS

Duration: 2 minutes 11 seconds

Primary Result: N/A

Step Results: metrics results [{"total\_servers": 1, "total\_servers\_detected": 1, "total\_servers\_results": [{"id": "370001", "server": "f1wm2mchweb0001.ess.fiservone"}]}]

Worker Group: RAS\_Operator\_Path

Worker ID: c7a1c236-7a3c-48c4-b12a-d8d02853e1

Start Worker ID: N/A

End Worker ID: N/A

Robot Group: N/A

Robot ID: N/A

Transition Message: SUCCESS

Step Persistence: Detailed

TIP: Click the circled button in the image above to collapse/expand the steps of the flow.

## Viewing More Run Details

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RUN EXPLORER FLOW LAUNCHER SCHEDULER

Completed - Resolved

recycle\_app\_pools

Step Name	Transition Message
variables	SUCCESS
get_users_allowed_server_list	AUTHORIZED
recycle_app_pools	SUCCESS
input_is_port	SUCCESS

Flow Graph Step Details

recycle\_app\_pools

Run ID: 27587899973

Step ID: recycle\_app\_pools

Start Time: 5:10:29 PM

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Flow Explorer | Flow Launcher | Scheduler

**recycle\_app\_pools** Completed - Resolved

Start Time: 5:10 PM  
Duration: 2 minutes 17 seconds  
Persistence Level: Standard

User: jnorthing  
Run ID: 27587899973  
Preserve robot's session: Enabled

**Flow ID:** public/automation\_hub/windows/its/recycle\_app\_pools  
**Flow Name:** recycle\_app\_pools  
**Path:** Library/public/automation\_hub/windows/its/recycle\_app\_pools.sl  
**Description:** Flow is used to recycle app pools by name or port. When port is supplied, the script will dynamically build the list of app pool names by looking up each its websites.  
**Flow Inputs:** servers, delimiter, references, reference\_type, all\_app\_pools, create\_dump, dump\_count, dump\_sleep  
**Flow Outputs:** rfwm2mchweb0001.ess.fiserv.com, 443, port, true, false, 0, 0  
**Worker Group:** RAS\_Operator\_Path  
**Worker ID:** c7a1c236-743c-48c4-b12a-dddf02853ce1  
**Start Worker ID:** N/A  
**End Worker ID:** N/A  
**Robot Group:** N/A  
**Robot ID:** N/A

TIP: Click the circled button in the image above to view more details about the flow.

Here you can view your flow's inputs and the overall results.

For more info on UI elements, refer to the vendor's documentation on tracking and managing flows: [https://docs.microfocus.com/doc/Operations\\_Orchestration/2023.05/TrackManageFlowruns](https://docs.microfocus.com/doc/Operations_Orchestration/2023.05/TrackManageFlowruns)

## Automation Hub Flows

This section applies to power users who have access to the **public/automation\_hub** folder.

### Recycle App Pools

1. Follow steps 1 through 4 in the [Run and Monitor Flows](#) section to navigate to the **public > automation\_hub** directory.

Here you will find all the flows available to be executed by you.

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Flow Explorer | Flow Launcher | Scheduler

Filter By: Path or ID

**recycle\_app\_pools**

ID: public/automation\_hub/windows/its/recycle\_app\_pools  
Content Path: its/windows\_base  
Description: Flow is used to recycle app pools by name or port. When port is supplied, the script will dynamically build the list of app pool names by looking up each its websites.

**Inputs:** servers - The delimited list of servers to run the PowerShell script on. Use the 'delimiter' input to control what this is.  
delimiter - The delimiter used to separate the list of servers, and references. Defaults to double pipes.  
references - Service Port Number or Pool Names  
reference\_type - port/name. Defaults to pool  
all\_app\_pools - Return all app pools tied to the website listening on a given port when reference\_type is port. Default: false

Run Name: recycle\_app\_pools

Persistence Level: Standard

☐ Use empty value for prompts

**delimiter:** |

**references:** Service Port Number or Pool Names

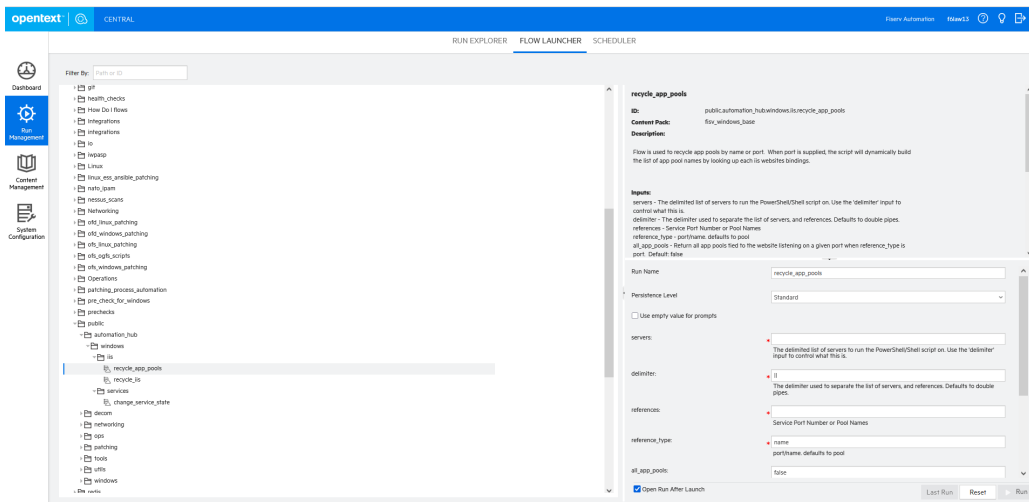
**reference\_type:** name  
port/name. Defaults to pool

**all\_app\_pools:** false

☒ Open Run After Launch

Last Run | Reset | Run

2. Select the **recycle\_app\_pools** flow.



3. Fill out the appropriate inputs for the flow:

**servers** - The delimited list of servers to run the PowerShell/Shell script on. Use the 'delimiter' input to control what this is.

**delimiter** - The delimiter used to separate the list of servers, and references. Defaults to double pipes.

**references** - Service Port Number or Pool Names

**reference\_type** - port/name. defaults to pool

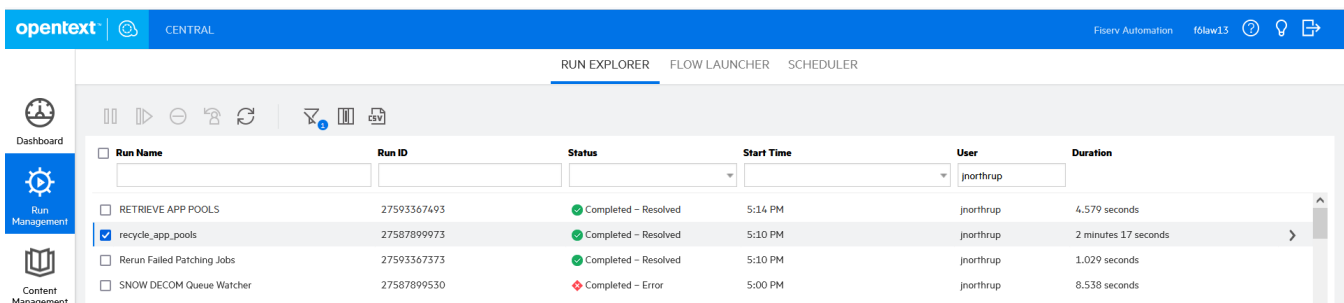
**all\_app\_pools** - Return all app pools tied to the website listening on a given port when reference\_type is port. Default: false

**create\_dump** - Create a Dump File before recycling the app pool: true/false - Default: false

**dump\_count** - Number of Dump files to be created

**dump\_sleep** - Number of minutes to wait in between process dump files

4. Follow **steps 7 and 8** in the [Run and Monitor Flows](#) section to run the flow. Navigate to the **Run Explorer** module to monitor your flow.



5. Double click the run from the **Run Explorer** to view more details

(Optional) Click **Show Full Tracking ...** if you followed the optional drilldown dialogue in step 8 of [Run and Monitor Flows](#).

2. Select the **recycle\_iis** flow.

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FiServ Automation f0law13

RUN EXPLORER FLOW LAUNCHER SCHEDULER

Filter By: Path or ID

- ofd\_windows\_patching
- ofs\_linux\_patching
- ofs\_ogfs\_scripts
- ofs\_windows\_patching
- Operations
- patching\_process\_automation
- pre\_check\_for\_windows
- prechecks
- public
  - automation\_hub
    - windows
      - iis
        - recycle\_app\_pools
        - recycle\_iis
    - services
      - change\_service\_state
  - decom
  - networking
  - ops
  - patching
  - tools
  - utils
  - windows
  - redis
  - reporting\_automation
  - rft\_automation

**Content Pack:** f0law13\_base

**Description:** Flow is used to recycle the iis service using the webadministration module.

**Inputs:** servers - The delimited list of servers to run the PowerShell/Shell script on. Use the

Persistence Level: Standard

☐ Use empty value for prompts

servers: The delimited list of servers to run the PowerShell/Shell script on. Use the 'delimiter' input to control what this is.

delimiter: The delimiter used to separate the list of servers, circuit breaker keys, and max execution limits. Defaults to double pipes.

keep\_state: true  
Match Pre state with Post state (Default: True)

force: false  
Force iis recycle. (Default: false)

☒ Open Run After Launch

Last Run Reset Run

3. Fill out the appropriate inputs for the flow:

**servers** - The delimited list of servers to run the PowerShell/Shell script on. Use the 'delimiter' input to control what this is.

**delimiter** - The delimiter used to separate the list of servers, circuit breaker keys, and max execution limits. Defaults to double pipes.

**keep\_state** - Match Pre state with Post state (Default: True)

**force** - Force iis recycle. (Default: false)

4. Follow **steps 7 and 8** in the [Run and Monitor Flows](#) section to run the flow. Navigate to the **Run Explorer** module to monitor your flow.

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FiServ Automation f0law13

RUN EXPLORER FLOW LAUNCHER SCHEDULER

Dashboard

Run Management

Content Management

System Configuration

Run Name Run ID Status Start Time User Duration

<input checked="" type="checkbox"/> recycle_iis	27589879839	Completed - Resolved	5:38 PM	f0law13	2 minutes 6 seconds
<input type="checkbox"/> Topology Health Check	27593367504	Completed - Resolved	5:15 PM	f0law13	2.841 seconds
<input type="checkbox"/> Topology Health Check	27589874032	Completed - Resolved	3:45 PM	f0law13	3.327 seconds
<input type="checkbox"/> Topology Health Check	27593359216	Completed - Resolved	3:15 PM	f0law13	2.279 seconds
<input type="checkbox"/> Topology Health Check	25737815037	Completed - Resolved	1:45 PM	f0law13	1.548 seconds
<input type="checkbox"/> Topology Health Check	27587881621	Completed - Resolved	12:45 PM	f0law13	2.721 seconds
<input type="checkbox"/> Administration console monitoring script	27607716116	Completed - Resolved	11:38 PM	f0law13	17 minutes 70 seconds

5. Double click the run from the **Run Explorer** to view more details

(Optional) Click **Show Full Tracking ...** if you followed the optional drilldown dialogue in step 8 of [Run and Monitor Flows](#).



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Flow Automation f6law13

RUN EXPLORER FLOW LAUNCHER SCHEDULER

Dashboard

Run Management

Content Management

System Configuration

recycle\_iis

Start Time: 5:38 PM  
Duration: 2 minutes 6 seconds  
Persistence Level: Standard

User: f6law13  
Run ID: 27589879839  
Preserve robot's session: Enabled

Flow ID: public.automation\_hub/windows/iis/recycle\_iis  
Flow Name: recycle\_iis  
Path: Library/public.automation\_hub/windows/iis/recycle\_iis.sl  
Description: Flow is used to recycle the iis service using the webadministration module.

Flow Outputs:

Flow Output	Value
delimiter	
keep_state	true
force	false
unauthorized_servers	set()
authorized_servers	rfwm2mchweb0001.ess.fiserv.one
metrics	{total_servers: 1, total_servers_detected: 1, total_servers_tripped: 0, total_servers_processed: 1, total_servers...
results	{id: "370001", server: "rfwm2mchweb0001.ess.fiserv.one", results: {message: "IISPOO Successfully Restarted i...
incident_number	INC015480195
change_number	CHG001535217

End Worker ID: N/A  
Robot Group: Default  
Robot ID: N/A

pon\_path\_query SUCCESS  
get\_proxy\_from\_config SUCCESS  
get\_saauth\_details TRUE  
set\_servicename\_saauth\_credentials SUCCESS

For this demonstration execution, we can see the flow recycled IIS on the authorized rfwm2mchweb0001.ess.fiserv.one server and returned results, metrics, incident and change created to track the effort.

Refer to [UI Tips](#) section to get more details on how to navigate the **Flow Details** page.

## Change Service State

1. Follow steps 1 through 4 in the [Run and Monitor Flows](#) section to navigate to the **public > automation\_hub** directory.

Here you will find all the flows available to be executed by you.

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Flow Automation f6law13

RUN EXPLORER FLOW LAUNCHER SCHEDULER

Dashboard

Run Management

Content Management

System Configuration

Filter by: path or ID

recycle\_app\_pools

ID: public.automation\_hub/windows/iis/recycle\_app\_pools  
Content Path: iis/windows/iis  
Description: Flow is used to recycle app pools by name or port. When port is supplied, the script will dynamically build the list of app pool names by looking up each website's bindings.

Inputs:

servers: The detected list of servers to run the PowerShell script on. Use the 'delimiter' input to control what this is.  
delimiter: The delimiter used to separate the list of servers, and references. Defaults to double pipes.  
reference: Service Port Number or Pool Name  
reference\_type: portname, defaults to pool  
all\_app\_pools: Return all app pools tied to the website listening on a given port when reference\_type is port. Default: false

Run Name: recycle\_app\_pools

Persistence Level: Standard

☐ Use empty value for prompts

servers: The detected list of servers to run the PowerShell script on. Use the 'delimiter' input to control what this is.

delimiter: ||

reference: The delimiter used to separate the list of servers, and references. Defaults to double pipes.

reference\_type: name

portname: defaults to pool

all\_app\_pools: None

☒ Open Run After Launch

Last Run Reset Run

2. Select the **change\_service\_state** flow.

The screenshot shows the OpenText Central Flow Launcher interface. On the left is a navigation pane with a tree view of content packs and flows. The 'change\_service\_state' flow is selected under the 'services' pack. The main area displays the configuration for this flow:

- ID:** public.automation\_hub.windows.services.change\_service\_state
- Content Pack:** fsiw\_windows\_base
- Description:** The flow is used to change the state of a windows service.
- Inputs:**
  - servers:** The delimited list of servers to run the PowerShell/Shell script on. Use the 'delimiter' input to control what this is.
  - services:** The delimited list of services.
  - delimiter:** The delimiter used to separate the list of servers, and services. Defaults to double pipes.
  - action:** service\_state to enforce: start/stop/restart/status
- Outputs:** results - The aggregate output of script execution with and without SA: (1)
- Run Name:** change\_service\_state
- Persistence Level:** Standard
- ☐ Use empty value for prompts
- ☒ Open Run After Launch
- Buttons: Last Run, Reset, Run

3. Fill out the appropriate inputs for the flow:

**servers** - The delimited list of servers to run the PowerShell/Shell script on. Use the 'delimiter' input to control what this is.

**services** - The delimited list of services

**delimiter** - The delimiter used to separate the list of servers, and services. Defaults to double pipes.

**action** - service\_state to enforce: start/stop/restart/status

4. Follow **steps 7 and 8** in the [Run and Monitor Flows](#) section to run the flow. Navigate to the **Run Explorer** module to monitor your flow.

The screenshot shows the OpenText Central Run Explorer interface. It displays a table of flow runs with the following columns: Run Name, Run ID, Status, Start Time, User, and Duration.

Run Name	Run ID	Status	Start Time	User	Duration
<input checked="" type="checkbox"/> change_service_state	27589880296	Completed - Resolved	5:50 PM	fsiaw13	2 minutes 8 seconds
<input type="checkbox"/> change_service_state	27589880194	Completed - Error	5:47 PM	fsiaw13	2 minutes 18 seconds
<input type="checkbox"/> Topology Health Check	27589880167	Completed - Resolved	5:45 PM	fsiaw13	2.628 seconds
<input type="checkbox"/> recycle_is	27589879839	Completed - Resolved	5:38 PM	fsiaw13	2 minutes 6 seconds
<input type="checkbox"/> Topology Health Check	27593367504	Completed - Resolved	5:15 PM	fsiaw13	2.841 seconds
<input type="checkbox"/> Topology Health Check	27589874032	Completed - Resolved	3:45 PM	fsiaw13	3.327 seconds
<input type="checkbox"/> Topology Health Check	27593359216	Completed - Resolved	3:15 PM	fsiaw13	2.279 seconds
<input type="checkbox"/> Topology Health Check	25737815037	Completed - Resolved	1:45 PM	fsiaw13	1.548 seconds
<input type="checkbox"/> Topology Health Check	27587881621	Completed - Resolved	12:45 PM	fsiaw13	2.721 seconds

5. Double click the run from the **Run Explorer** to view more details

(Optional) Click **Show Full Tracking ...** if you followed the optional drilldown dialogue in step 8 of [Run and Monitor Flows](#).

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Flow Explorer

Flow Launcher

Scheduler

Dashboard

Run Management

Content Management

System Configuration

change\_service\_state

Start Time: 5:50 PM

Duration: 2 minutes 8 seconds

Persistence Level: Standard

Flow ID:

public:automation\_hub/windows/services/change\_service\_state

Flow Name:

change\_service\_state

Path:

Library/public/automation\_hub/windows/services/change\_service\_state.sl

Description:

The flow is used to change the state of a windows service.

User: felaw13

Run ID: 27589880296

Preserve robot's session: Enabled

services

microfocusparas

delimiter

||

action

status

Flow Outputs

unauthorized\_servers

ELKGP0HPCORA303.apollo.fiserv.net

authorized\_servers

metrics

results

["total\_servers": 1, "total\_servers\_detected": 1, "total\_servers\_triggered": 0, "total\_servers\_processed": 1, "total\_servers":

incident\_number

INC015480228

change\_number

CHG001535223

Completed - Resolved

For this demonstration execution, we can see the flow recycled IIS on the authorized rfwm2mchweb0001.ess.fiserv.one server and returned results, metrics, incident and change created to track the effort.

Refer to [UI Tips](#) section to get more details on how to navigate the **Flow Details** page.