



---

# Skylar Automation Platform Release Notes

Version 3.4.0

---

# Overview

Skylar Automation (formerly PowerFlow) version 3.4.0 adds an integrated MCP server that allows MCP clients to interact with Skylar Automation, improves access to CSV reports on Skylar Automation and installed SyncPacks, and addresses multiple issues.

This chapter covers the following topics:

<i>Features</i> .....	2
<i>Enhancements and Issues Addressed</i> .....	3
<i>System Requirements</i> .....	3
<i>Known Issues</i> .....	5
<i>Installing or Upgrading Skylar Automation</i> .....	6

---

# Features

This section covers the features that are included in Skylar Automation Platform version 3.4.0:

- Starting with version 3.4.0, Skylar Automation includes an integrated Model Context Protocol (MCP) server. The server exposes MCP components, tools, resources, and prompts sourced from installed SyncPacks. This feature allows MCP clients such as Claude Desktop, VS Code, and others to interact with the Skylar Automation platform using Streamable HTTP. For more information, see the [Configuring the Skylar Automation MCP Server](#) chapter in the **Skylar Automation** manual.
- Renamed the **Export to CSV** option on the **SyncPacks** page to **Download Version Report**, and moved the option to the top of the list of SyncPacks. Clicking **Download Version Report** from the **SyncPacks** page downloads a CSV report with a list of installed SyncPacks.
- Added the **Download Version Report** option to the user name drop-down menu in the top right corner of Skylar Automation. Clicking this option will download a CSV report that includes system and version information about Skylar Automation.
- Updated the **Execute** Key Role when creating an API key to include a tool tip clarifying that this level of permission also grants access to the MCP server.
- Updated the Skylar Automation API documentation to include the new MCP endpoints added in this release of Skylar Automation.
- The following images are included in this release of Skylar Automation:
  - registry.scilo.tools/sciencelogic/sa-api:rhel3.4.0
  - registry.scilo.tools/sciencelogic/sa-couchbase:6.6.0-17
  - registry.scilo.tools/sciencelogic/sa-dex:2.37.1-15
  - registry.scilo.tools/sciencelogic/sa-worker:rhel3.4.0

- registry.scilo.tools/sciencelogic/sa-gui:3.4.0
- registry.scilo.tools/sciencelogic/sa-pypi:6.3.1-19
- registry.scilo.tools/sciencelogic/sa-rabbit:3.8.35-10
- registry.scilo.tools/sciencelogic/sa-redis:7.4.8-1
- registry.scilo.tools/sciencelogic/sa-mcp:3.4.0

---

## Enhancements and Issues Addressed

The following issues were addressed in this release:

- Addressed an issue in the login process that redirected authenticated users to an external URL after logging in.
- Fixed an edge case where uploading a SyncPack to Skylar Automation caused the next upload to fail if it was not also a SyncPack.

---

## System Requirements

The Skylar Automation platform does not have a specific minimum required version for Skylar One or AP2. However, certain SyncPacks for Skylar Automation have minimum version dependencies, which are listed on the Dependencies for Skylar Automation SyncPacks page.

## Ports

The following table lists the Skylar Automation ingress requirements:

Source	Port	Purpose
Skylar One host	443	Skylar One run book actions and connections to Skylar Automation
User client	3141	Devpi access
User client	443	Skylar Automation API
User client	5556	Dex Server: enable authentication for Skylar Automation
User client	8091	Couchbase Dashboard
User client	15672	RabbitMQ Dashboard
User client	22	SSH access

The following table lists the Skylar Automation egress requirements:

Destination	Port	Purpose
SL1 host	7706	Connecting Skylar Automation to Skylar OneDatabase Server

Destination	Port	Purpose
SL1 host	443	Connecting Skylar Automation to Skylar One API

## Additional Considerations

Review the following list of considerations and settings before installing Skylar Automation:

- The latest Oracle Linux 8 (OL8) versions are delivered in the Skylar Automation ISO, and the latest package updates are included in Skylar Automation Docker images.
- When upgrading Skylar Automation using the RPM, be advised that you must remove the stack before deploying, as a new policy was added to the Skylar Automation policy configurations in the `/etc/iseservices/casbinpolicy.csv` file.
- For new platform deployments and upgrades, always run **skyautocontrol healthcheck** and **autoheal** actions after the stack is deployed (or redeployed in upgrade scenarios).
- ScienceLogic highly recommends that you disable all firewall session-limiting policies. Firewalls will drop HTTPS requests, which results in data loss.
- Starting with Skylar Automation version 3.0.0, the minimum storage size for the initial partitions is 75 GB. Anything less will cause the automated installation to stop and wait for user input. You can use the `tmux` application to navigate to the other panes and view the logs. In addition, at 100 GB and above, **Skylar Automation** will no longer allocate all of the storage space, so you will need to allocate the rest of the space based on your specific needs.
- Skylar Automation clusters do not support vMotion or snapshots while the cluster is running. Performing a vMotion or snapshot on a running Skylar Automation cluster will cause network interrupts between nodes, and will render clusters inoperable.
- The site administrator is responsible for configuring the host, hardware, and virtualization configuration for the Skylar Automation server or cluster. If you are running a cluster in a VMware environment, be sure to install `open-vm-tools` and disable vMotion.
- You can configure one or more Skylar One systems to use Skylar Automation to sync with a *single* instance of a third-party application like ServiceNow or Cherwell. You cannot configure one Skylar One system to use Skylar Automation to sync with *multiple* instances of a third-party application like ServiceNow or Cherwell. The relationship between Skylar One and the third-party application can be either one-to-one or many-to-one, but not one-to-many.
- The default internal network used by Skylar Automation services is **172.21.0.0/16**. Please ensure that this range does not conflict with any other IP addresses on your network. If needed, you can change this subnet in the `docker-compose.yml` file.
- The OL8 automated upgrade scripts are deprecated with version 3.2.0 of Skylar Automation.

For more information about system requirements for your Skylar Automation environment, see the **System Requirements** page at the ScienceLogic Support Center at <https://support.sciencelogic.com/s/system-requirements>.

---

## Known Issues

This release contains the following known issues:

- If a report is deleted, the link to the report might remain in the Reports list until you navigate away and return, or if you refresh the page.
- The journald volatile storage takes part of the memory based on the environment memory size, which might cause undesired behavior in environments where the memory is highly used by Skylar Automation services. Skylar Automation uses journald volatile storage, which means that all logs are kept only in memory. (Case: 00347339)
  - To check the size of journal logs on a single Skylar Automation node, run the following command:

```
du -sh /run/log/journal
```

You can clear logs with the following command (this is automatically done when you run the **healthcheck** action):

```
journalctl --vacuum-time=7d
```

You can also configure journald logs settings by using the following command to enforce small size and time limits:

```
sudo sed -i -e '/RuntimeMaxUse=/s/.*/RuntimeMaxUse=800M/' -e  
'/MaxRetentionSec/s/.*/MaxRetentionSec=2week/'  
/etc/systemd/journald.conf && sudo systemctl restart systemd-  
journald
```

**NOTE:** Skylar Automation updates journald volatile limits to the following values, which can be changed if you want retain fewer or more logs:

```
RuntimeMaxUse=800M
```

```
MaxRetentionSec=2week
```

- When upgrading to Couchbase version 6.6.0 (Skylar Automation later than 2.6.0) from Skylar Automation versions earlier than 2.6.0, the number of documents in the logs bucket could make the upgrade take longer, as a namespace upgrade is needed. ScienceLogic recommends that you flush the logs bucket if there are more than 300,000 documents that are taking up close to 2 GB of space in every node. Flushing the logs bucket will speed up the upgrade process. Otherwise, migrating a logs bucket of that size would take two to three minutes per node.

Run the following command to flush the logs bucket after the Skylar Automation RPM is installed, but before redeploying the Skylar Automation Stack:

```
pfctl --host <hostname><username>:<password> node-action --action
flush_logs_bucket
```

Alternately, you can flush the logs bucket manually using the Couchbase user interface.

- If you get the "Error: No such option: --version Did you mean --json?" error message when running the `pfctl --version` command, you might have an older version of pfctl that was installed as a different user. To resolve this, be sure to install the powerflowcontrol (pfctl) utility version 3.0.7 or later as root with sudo, and remove any other versions installed by other users (isadmin or ec2-user): (Case: 00360512)

```
su isadmin
```

```
pip3 uninstall -y iservicecontrol
```

- The **Workflow Health and Interconnectivity** widget on the **Skylar Automation Control Tower** page displays diagrams for Skylar Automation applications and SyncPacks that have been deleted. To work around this issue, run the "Skylar Automation Control Tower HealthCheck" application or wait for the next scheduled run of the application.
- If your Skylar automation system uses self-signed certificates, you will need to manually accept the certificate before you can upload SyncPacks. Go to <https://<IP address of Skylar Automation>:3141/isadmin>, accept the certificate, and then log into Skylar Automation. After you log in, you will be able to upload SyncPacks.
- The `latest` tag does not exist after the initial ISO installation. This situation only affects users with custom services that point to the `latest` tag. To work around this issue, run the tag latest script manually after running the `./pull_start_iservices.sh` command:

```
python /opt/iservices/scripts/system_updates/tag_latest.py
/opt/iservices/scripts/docker-compose.yml
```

---

## Installing or Upgrading Skylar Automation

For detailed steps about installing or upgrading to this version of Skylar Automation, see [Installing and Configuring Skylar Automation](#).

**NOTE:** All Skylar Automation (formerly PowerFlow) platform releases are suitable for both Military Unique Deployment (MUD) and non-MUD systems.

**IMPORTANT:** You should always upgrade to the most recent release of Skylar Automation.

© 2003 - 2025, ScienceLogic, Inc.

All rights reserved.

ScienceLogic™, the ScienceLogic logo, and ScienceLogic's product and service names are trademarks or service marks of ScienceLogic, Inc. and its affiliates. Use of ScienceLogic's trademarks or service marks without permission is prohibited.

ALL INFORMATION AVAILABLE IN THIS GUIDE IS PROVIDED "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED. SCIENCELOGIC™ AND ITS SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.

Although ScienceLogic™ has attempted to provide accurate information herein, the information provided in this document may contain inadvertent technical inaccuracies or typographical errors, and ScienceLogic™ assumes no responsibility for the accuracy of the information. Information may be changed or updated without notice. ScienceLogic™ may also make improvements and / or changes in the products or services described herein at any time without notice.

### Copyrights and Trademarks

ScienceLogic, the ScienceLogic logo, and EM7 are trademarks of ScienceLogic, Inc. in the United States, other countries, or both.

Below is a list of trademarks and service marks that should be credited to ScienceLogic, Inc. The ® and ™ symbols reflect the trademark registration status in the U.S. Patent and Trademark Office and may not be appropriate for materials to be distributed outside the United States.

- ScienceLogic™
- EM7™ and em7™
- Simplify IT™
- Dynamic Application™
- Relational Infrastructure Management™

The absence of a product or service name, slogan or logo from this list does not constitute a waiver of ScienceLogic's trademark or other intellectual property rights concerning that name, slogan, or logo.

Please note that laws concerning use of trademarks or product names vary by country. Always consult a local attorney for additional guidance.

### Other

If any provision of this agreement shall be unlawful, void, or for any reason unenforceable, then that provision shall be deemed severable from this agreement and shall not affect the validity and enforceability of any remaining provisions. This is the entire agreement between the parties relating to the matters contained herein.

In the U.S. and other jurisdictions, trademark owners have a duty to police the use of their marks. Therefore, if you become aware of any improper use of ScienceLogic Trademarks, including infringement or counterfeiting by third parties, report them to Science Logic's legal department immediately. Report as much detail as possible about the misuse, including the name of the party, contact information, and copies or photographs of the potential misuse to: [legal@sciencelogic.com](mailto:legal@sciencelogic.com). For more information, see <https://sciencelogic.com/company/legal>.

ScienceLogic

800-SCI-LOGIC (1-800-724-5644)

International: +1-703-354-1010