

# Security Admin Guide

Document Revision 1.0.0

Version 5

# Contents

<b>1</b>	<b>What's New in This Release</b> .....	<b>3</b>
	Added in Previous Releases.....	3
<b>2</b>	<b>About This Document</b> .....	<b>4</b>
	FedRAMP Alignment.....	4
	System Requirements.....	4
	Licensing.....	5
<b>3</b>	<b>Administrative Account Roles</b> .....	<b>6</b>
	Top-Level Administrative Roles.....	6
	Privileged (Non-Top-Level) Roles.....	6
<b>4</b>	<b>Account Lifecycle</b> .....	<b>7</b>
	Top-Level Accounts for Customers.....	7
	Create <b>storm</b> Users in UC.....	7
	Add a Single User.....	8
	Add Multiple Users (In Bulk).....	11
	Edit Multiple Users at the Same Time.....	17
	Import Error Log.....	18
	View User Summary.....	18
<b>5</b>	<b>View the storm User Audit Log in STUDIO</b> .....	<b>20</b>
<b>6</b>	<b>Single Sign-On</b> .....	<b>22</b>
	Define Single Sign-On Identity Providers.....	22
	Set Up the Identity Provider.....	22
	Identify the Users.....	24
<b>7</b>	<b>FedRAMP Compliant Recommended Security Settings</b> .....	<b>28</b>
<b>8</b>	<b>Contact and Support</b> .....	<b>29</b>
<b>9</b>	<b>Copyright and Disclaimer</b> .....	<b>30</b>

# 1 What's New in This Release

---

FedRAMP revision	Doc revision	Date	Change history
5	1.0.0	27 Feb 2026	Initial release.

## Added in Previous Releases

FedRAMP revision	Doc revision	Date	Change history
N/A	N/A	N/A	N/A

## 2 About This Document

---

Welcome to the Recommended Secure Configuration (RSC) guide for **storm**<sup>®</sup>.

**storm** is a FedRAMP authorized cloud service.

This guide provides guidance for securely configuring and managing top-level administrative accounts in **storm**. It is designed to help FedRAMP customers understand administrative roles, account lifecycle processes, and security settings, while maintaining compliance with FedRAMP requirements.

**storm** offers a variety of configuration options. This guide focuses on topics of significant security implications and provides recommended best practices to help agencies make informed decisions. By following this guidance, organizations can reduce misconfiguration risks, maintain secure operations, and ensure proper administration of critical accounts throughout their lifecycle.

Guide revision 1.0.0

FedRAMP revision 5

Classification: Public

[Copyright and Disclaimer](#)

[What's New in This Release](#)

**Note:** this is a customer-facing guide and does not cover internal Content Guru administration.

This guide is publicly available and versioned in accordance with FedRAMP guidance.

### FedRAMP Alignment

This guide is intended to satisfy the following FedRAMP Rev. 5 RSC requirements:

**FRR-RSC-01:** Secure access, configuration, operation, and decommissioning of top-level admin accounts.

**FRR-RSC-02:** Explanation of security settings and their impact.

**FRR-RSC-03:** Guidance for privileged (non-top-level) accounts.

**FRR-RSC-04:** Secure defaults applied at provisioning.

### System Requirements

**storm** products are accessed via your web browser.

The following browsers are supported:

- **Microsoft Edge**
- **Mozilla Firefox**
- **Google Chrome**

It is recommended that you use the latest available stable version of the relevant browser, with all critical security updates and patches installed. If you have a requirement to use an earlier version of a browser, contact your support representative for advice.

### Licensing

All features of this software are licensed. Not all users will have access to every feature detailed in this help. Access to certain features depends upon your installation settings, user rights and licensing agreements. Contact your commercial representative for further details.

## 3 Administrative Account Roles

You cannot access, configure, operate, and decommission the top-level administrative account that controls enterprise access to the **storm** platform. This is handled internally at Content Guru.

Security-related settings that can be operated only by top-level administrative accounts are not customer facing and are handled internally at Content Guru.

### Top-Level Administrative Roles

This describes all roles that meet the FedRAMP definition of top-level administrative access.

Role	Description	Permission Level/Impact	Security Recommendations
<b>Content Guru Admin</b>	Top level admin account only used by qualified Content Guru engineers.	Full access.	Only accessible by Content Guru.

### Privileged (Non-Top-Level) Roles

Role	Description	Permission Level/Impact	Security Recommendations
<b>Customer Administrator</b>	Customer admin accounts are created by Content Guru.	<p>This gives the Customer Admin access to features and products dependent on their licensing rights, within their partition on the <b>storm</b> platform and excludes global configuration options.</p> <p><b>Note:</b> not all permissions are granted to customers by default.</p>	This is to be held only by top level administrators within your organization.

## 4 Account Lifecycle

### Top-Level Accounts for Customers

Customer administrator are created, edited and deleted by internal Content Guru engineers. It is the responsibility of the customer to ensure that only appropriate trust-worthy individuals from within their organization have access to these accounts.

### Create storm Users in UC

You can create users [singly](#) or [in bulk](#). Each user is assigned a user type, which can be one of the following:

User Type	Description	Number
<b>PBX User (fixed seat)</b>	The user can access standard UC functions. (This user type is provided to support a legacy licensing model).	0
<b>Meeting Room</b>	This user type is used to assign licenses to devices such as meeting room conference phones or fax devices that do not require advanced features such as voicemail or call forwarding.	1
<b>PBX User</b>	The user can access standard UC functions.	2
<b>Inbound Agent</b>	The user can access standard UC functions, and also work as a CONTACT agent handling inbound calls only.	3
<b>Dialer Agent</b>	The user can access standard UC functions, and also work as a CONTACT agent handling inbound and outbound calls.	4
<b>Supervisor</b>	The user can access standard UC functions, and work as an inbound and outbound CONTACT agent; and is able to monitor and control agent groups assigned to them.	5
<b>CONTACT Switchboard Operator</b>	Provides access to SWITCHBOARD functionality to allow the user to manage voice calls and non-voice communications.	6
<b>PBX Switchboard Operator</b>	Provides access to SWITCHBOARD functionality to allow the user to manage voice calls.	7

User Type	Description	Number
<b>Supervisor Switchboard Operator</b>	Provides access to SWITCHBOARD functionality and to Supervisor functionality (described above) to allow the user to supervise non-voice communications.	8
<b>MS Teams User</b>	The user can access standard UC functions, and can also use MS Teams (instead of <b>storm</b> DTA) to make and receive calls.	9

The user type assigned to a user governs what [license](#) they will need.

In addition to the user types described above, UC and CONTACT also has administrators, who are able to perform system configuration. Administrators are set up for you by Content Guru.

## Add a Single User

1. Ensure that you have created at least one user group and one service type.
2. Select **Users > Add User**.
3. If the user is already known to the system, click the **Create UC Account for Existing** option. Otherwise, leave the **Create New User** option selected.
4. On the **Select User Role** panel, ensure that the **Standard User** option is selected. The other options are included for backwards compatibility.
5. On the **Personal Details** panel, enter the user's forename, surname, and your chosen username. The remaining fields are optional.

**Personal Details**

Forename:

Surname:

Username:

Work E-mail:

Show Extended Details:

6. Select **Show Extended Details** to display further fields for recording additional details about the user.

Home Telephone:	<input type="text" value="01164980526"/>
Work Telephone:	<input type="text"/>
Work Fax:	<input type="text"/>
Mobile:	<input type="text" value="07700900712"/>
Alternative Number:	<input type="text"/>
Personal E-mail:	<input type="text"/>
Miscellaneous 1:	<input type="text" value="Out of Hours Team"/>
Miscellaneous 2:	<input type="text" value="Team Leader"/>

**Note:** if your organization has implemented Phonebook functionality, any custom user fields created by **storm** administrators in DTA are listed here, so that they can be populated with suitable values. See the *DTA User Guide* for information on creating custom user fields.

- On the Password panel, enter the user's password for use with the DTA interface.

### Password

New Password

Confirm Password

Enable Two-Factor Authentication  Enables Two-Factor Authentication for this user. Once it has been


Select the preferred Two-Factor Authentication method:

SMS     Email

Mobile Number  Verification code will be sent by SMS to this number

In addition to any rules imposed by your organization, the password must be at least nine characters long and must not contain the user's first name, last name, username or organization name.

- On the **User Details** panel, select the user's user group, the site, and the user type as a minimum. Also change the **Initial Status** to 'Active' if the user is ready to start using the system.

General Settings	Notes
<p><b>Roaming?</b></p> 	<p>Select this check box if the site where the device is located may vary.</p>

General Settings	Notes
	<p><b>Note:</b> this setting is important for emergency calls to services such as 913 and 911. If a device is set to Roaming, emergency calls will be presented to emergency operators with a code indicating that the caller may not be at the registered location for the device. Any devices which may be used at alternative locations must have this option selected.</p>
<p><b>Inherit Outgoing Domain Settings?</b></p>	<p>Select this check box if the user is to inherit the organization's outbound domain settings. To configure individual outbound domain settings for the user, clear this check box and use the fields that appear to define those settings.</p>
<p><b>ANI Presentation</b></p>	<p>The number presented as the calling party's number on outbound calls made by this user. Options are:</p> <p><b>Use Service Type Default:</b> the value provided by the <a href="#">service type</a>.</p> <p><b>Organization:</b> the organization's number.</p> <p><b>Destination Address:</b> deprecated, do not use.</p> <p><b>Other ANI:</b> a custom ANI (for example the user's DID).</p> <p><b>Note:</b> for calls to mobile networks, the ANI presented on the mobile device might not match what is entered here. This is because mobile networks choose to use either the presentation or network ANI.</p> <p><b>Site ANI:</b> the ANI defined for the site where the user is currently logged in.</p>
<p><b>Network ANI</b></p>	<p>Provided for backward compatibility. Do not use.</p>
<p><b>User Type</b></p>	<p>The <a href="#">user type</a>.</p>
<p><b>Initial Status</b></p>	<p>Set this to 'Pre-active' until you are ready for the user to start using the system. Setting it to 'Active' allocates the required licenses to the user.</p> <p><b>Note:</b> changing a user's status from 'Pre-active' to 'Active' is not reversible (after saving the user details). Set a user to 'Pre-active' if the user is still required but is currently not needed to be 'Active'.</p>
<p><b>Ringback Tone</b></p>	<p>Select either a specific ringback tone or 'Use Service Type Default' to use the ringback tone set up for the <a href="#">service type</a> assigned to this user.</p>

General Settings	Notes
<b>SIP Endpoint Device</b>	Select this option when the user will be using a device connected to the organization's legacy PBX. Ensure the user is assigned an extension in a range/prefix mapped to a SIP endpoint.
<b>PSTN Device</b>	This option is used in conjunction with the DTA. If you select this option, the <b>Outbound telephone number</b> field is displayed. Enter the number that will be dialed when the system makes an outbound call to the user.  <b>Note:</b> if you clear this feature for a user, their PSTN device is immediately logged out, meaning that they will no longer receive calls.
<b>Padlock Username/ Padlock Password</b>	These allow you to provide credentials to be used instead of the default PADLOCK merchant credentials that are sent to the organization's payment interface for transactions initiated by this user.
<b>Speed Dial Profile</b>	Select the speed dial profile to be assigned to this user. The profile you assign here overrides any speed dial profile assigned at user group or organization level.

9. On the **User Pairing Details** panel, either leave or overwrite the user code (starcode) that the user will use to log in to an IP phone. Enter the security code that is required for log in in both fields provided.
10. On the **Select Service** panel, select the service type (feature set) to assign to the user.
11. Click **Add User**.

## Add Multiple Users (In Bulk)

1. Select **Users > Export Users** and then **Continue**.
2. Open the exported CSV file and add new user details under the existing column headings. You must provide a valid password in the **Password** column.
3. Save the edited file.
4. Select **Users > Import Users**.
5. Set **Reassign user extensions?** as required, then follow the on-screen instructions. (See the description of the **Extension** field for an explanation of what **Reassign user extensions?** controls.)

As the file is imported, **storm** calculates what licenses are needed and advises you of any shortfall.

The CSV file must contain a header row with the following fields:

Forename,Surname,Username>Password,Home Tel,Work Tel,Work E-mail,Work Fax,Mobile,Personal E-mail,User Group,ANI Presentation Type,User Type,Status,IP Address,Ringtone ID,Star Code,Security Code, Service Type,Extension,Destination Addresses,Billing Account,Alternative

Number,Whisper Prompt?,Forward Internal to Voicemail on Busy?,Forward External to Voicemail on Busy?,Disable Mailbox PIN?,Mailbox PIN,Mailbox Intro Type,Mailbox E-mail Address,E-mail Notification?,E-mail Attachment?,Max Mailbox Messages,Recording Service,Outbound Call Barring Profile,Site, Roaming?,storm Contact Agent?,Supervisor,PSTN Device?,Persistent Inbound Enabled?,Persistent Outbound Enabled?,Persistent Routing DID?,Network ANI Type,Restrict ANI?,Lync Agent?,Use Username as Lync Account?,Lync Account,Recording Mode,SAP User?,Use Username as SAP Account?,SAP Account,CRM User?,Use Username as CRM Account?,CRM Account,Require Agent Desktop Logon?,Domain,Inherit Outgoing Domain?,Outgoing Domain,Use Outgoing Domain in From Address,Specify Outgoing From Domain,Outgoing From Domain,Speed Dial Profile2,FA User?,2FA Method,2FA SMS Number,2FA Email Address,Use Outgoing Domain for PSTN Agent Calls,MS Teams DID,MS Teams Azure ID,Miscellaneous 1,Miscellaneous 2,storm WFM Contract Template

**Note:** if your organization has implemented Phonebook functionality, any custom user fields are included in the CSV file, using as their column headings the field names given to them when they were created. See the *DTA User Guide* for information on setting up custom user fields.

The on-screen field descriptions explain what these fields hold. The following table provides additional information, where necessary:

Column heading	Field on Add User Screen	Notes
<b>Password</b>	Password	Blank in the exported file. Provide passwords for new users. To overwrite an existing user's password, provide the new password in the field.
<b>Home Tel</b>	Home Telephone	Optional
<b>Work Tel</b>	Work Telephone	Optional
<b>Work Email</b>	Work E-mail	Optional
<b>Work Fax</b>	Work Fax	Optional
<b>Mobile</b>	Mobile	Optional
<b>Personal Email</b>	Personal E-mail	Optional
<b>User Group</b>	User Group	If the user group does not exist, one will be created with the type 'Department' and the parent 'Organization '. If left blank, the user will not be placed in a user group and the import log will show a warning.
<b>ANI Presentation Type</b>	ANI Presentation	-1: Service type default 1: Organization ANI 4: Site ANI

Column heading	Field on Add User Screen	Notes
		Or enter a full ANI. This must be a valid ANI for the organization.
<b>User Type</b>	<a href="#">User Type</a>	
<b>Status</b>	Initial Status	0: Pre-Active 1: Active <div style="background-color: #e0f2f7; padding: 5px; margin-top: 10px;"> <p><b>Note:</b> a user's status cannot be set to 'Pre-Active' once the account has been active.</p> </div>
<b>IP Address</b>	N/A	Leave blank unless instructed otherwise.
<b>Ringtone ID</b>	Ringback tone	-1: Service type default Or enter the name of the ringtone.
<b>User Code</b>	Star Code	Enter specific digits (5 to 7 digits) or leave blank to auto-generate a 5-digit code.
<b>Security Code</b>	Security Code	
<b>Service Type</b>	Service	-1: Service type default Or enter the name of the service type.
<b>Extension</b>	N/A	<p>The user's extension. If it does not exist, the system will create it.</p> <p><b>storm</b> does not allow you to assign the same extension to more than one user. If the import file includes the same extension against more than one user, the import will fail.</p> <p>If you import user details that include an extension that is already assigned to another user:</p> <p style="padding-left: 20px;">If <b>Reassign user extensions?</b> is not selected, the import will complete, but with an error message against the row that contained the duplicate extension.</p> <p style="padding-left: 20px;">If <b>Reassign user extensions?</b> is selected, the extension is assigned to the user whose details are being imported, and removed from the user to whom it was previously assigned.</p>

Column heading	Field on Add User Screen	Notes
Destination Addresses	N/A	Leave blank unless instructed otherwise.
Billing Account	Billing Account	-1: Service type default Or enter the user's account serial number.
Alternative Number	Alternative Number (in Extended Details)	
Whisper Prompt?	N/A	0: No whisper prompt 1: System speaks caller's ANI before call is answered
Forward Internal to Voicemail on Busy?	N/A	0: No forwarding rule to set 1: System will create a forwarding rule
Disable Mailbox PIN?	N/A	0: Enabled 1: Disabled
Mailbox Intro Type	N/A	0: Default greeting 1: Personal greeting 2: Mailbox number
Mailbox Email Address	N/A	The email address for the voicemail notification.
Email Notification?	N/A	0: Off 1: On
Email Attachment?	N/A	0: Voicemail message not attached with Email Notification 1: Voicemail message attached with Email Notification
Max Mailbox Messages	N/A	Leave blank for unlimited.
Recording Service	N/A	Relates to the drop-down menu in the Configure Recording section of Edit User Services. Enter the name of the required recording service type from this list (typically 'Default' or 'Record All Calls').

Column heading	Field on Add User Screen	Notes
		<p><b>Note:</b> see the <i>UC User Guide</i> for more information.</p>
<b>Outbound Call Barring Profile</b>	Outbound Call Barring Profile	Leave blank if no profile configured.
<b>Site</b>	Site	
<b>Roaming?</b>	Roaming?	0: User will always log in from the same site 1: User may log in from multiple sites
<b>storm Contact Agent?</b>	N/A	Leave blank or do not change. Provided to support legacy systems.
<b>Supervisor</b>	N/A	Leave blank or do not change. Provided to support legacy systems.
<b>PSTN Device?</b>	PSTN Device	0: Disabled 1: Enabled
<b>Network ANI Type</b>	Network ANI	-1: Service type default 1: Organization ANI 4: Site ANI Or, enter a full ANI. This must be a valid ANI for the organization.
<b>Restrict ANI?</b>	Restrict ANI	0: ANI not withheld 1: ANI withheld
<b>Use Username as Lync Account?</b>	Use Username as Lync Account?	0: No 1: Yes
<b>Recording Mode</b>	N/A	Sets the recording mode for the user's recording account, if available. Enter one of: <ul style="list-style-type: none"> <li>On Demand (not supported if your organization uses <b>storm</b> integrated with Verint)</li> <li>All Calls</li> <li>All Internal Calls</li> </ul>

Column heading	Field on Add User Screen	Notes
		<ul style="list-style-type: none"> <li>All External Calls</li> <li>Inbound External Calls</li> <li>Outbound External Calls</li> </ul>
<b>SAP User?</b>	SAP User?	0: No 1: Yes
<b>Use Username as SAP Account?</b>	Use Username as SAP Account?	0: No 1: Yes
<b>SAP Account</b>	SAP Account	(If field <b>SAP User?</b> and <b>Use Username as SAP Account?</b> = 0) Name of the user's SAP account
<b>CRM User?</b>	CRM User?	0: No 1: Yes
<b>Use Username as CRM Account?</b>	Use Username as CRM Account?	0: No 1: Yes
<b>CRM Account</b>	CRM Account	(If field <b>CRM User?</b> and <b>Use Username as CRM Account?</b> = 0) Name of the user's CRM account
<b>Require Agent Desktop Logon?</b>	Require Agent Desktop Logon?	0 = No 1 = Yes
<b>Speed Dial Profile</b>	Speed Dial Profile	0 = User has no speed dial profile. Or provide the name of the speed dial profile to be assigned to the user.
<b>Method</b>	SMS/Email	0 = SMS 1 = Email
<b>Use Outgoing Domain for PSTN Agent Calls</b>	N/A	Optional
<b>MS Teams DID</b>	MS Teams DID	Optional

Column heading	Field on Add User Screen	Notes
MS Teams Azure ID	MS Teams Azure ID	Optional
Miscellaneous 1	Miscellaneous 1	Optional
Miscellaneous 2	Miscellaneous 2	Optional

## Edit Multiple Users at the Same Time

You are able to amend certain details of more than one user at once - for example, to move them all into the same user group, to set them all to have the same call barring profile, and to assign services.

1. Select the **Users > Edit Multiple Users** menu option.

### Edit Multiple Users

In this section multiple users can be updated to particular settings that are common to all of the selected users.

**Select Users:**

Users:

- Aaliyah Rana
- Aaminah Sharma
- Adam Carter
- Adam Wallace
- Aishwarya Osborne
- Alexandra Briggs
- Ali Noorani
- Alicia Dawson
- Amala Crystin
- Angelica Siankenschap
- Antoon Sann
- Archie Watkins
- Baran French
- Baz Parsons
- Bella Cardenas
- Bilal Khan
- Billy Power
- Braden Troy
- Bradley Hobbs
- Bryony Chatsworth

**User Details**

User Group:  Specify the user group to which the users will belong.

CLI Presentation:  The presentation number that will be provided when outbound calls are made by users.

Network CLI:  The network/billing number that will be provided when outbound calls are made by users.

Restrict CLI:  Select whether or not to withhold the presentation number from being displayed to the called party.

User Type:  Determines the allowed behaviour of the user accounts.

Status:  The status of the profile determines whether it can be used. Inactive users will be unable to log in to Agent Desktop.

Ringback tone:  The ringback tone played to callers when they call one of these users.

Outbound Call Barring Profile:  The profile of destination prefixes that the users are not allowed to dial out to.

Speed Dial Profile:  Select a Speed Dial Profile for the user.

**Select Service**

Specify which service type the users will be assigned to. This will determine the features that are available to the users.

Service:  The Class of Service to which the users will be subscribed.

Recording Service:  Determines settings for call recording, such as whether to play a tone on start/stop.

Recording Mode:  Determines which calls will be recorded.

**Billing Information**

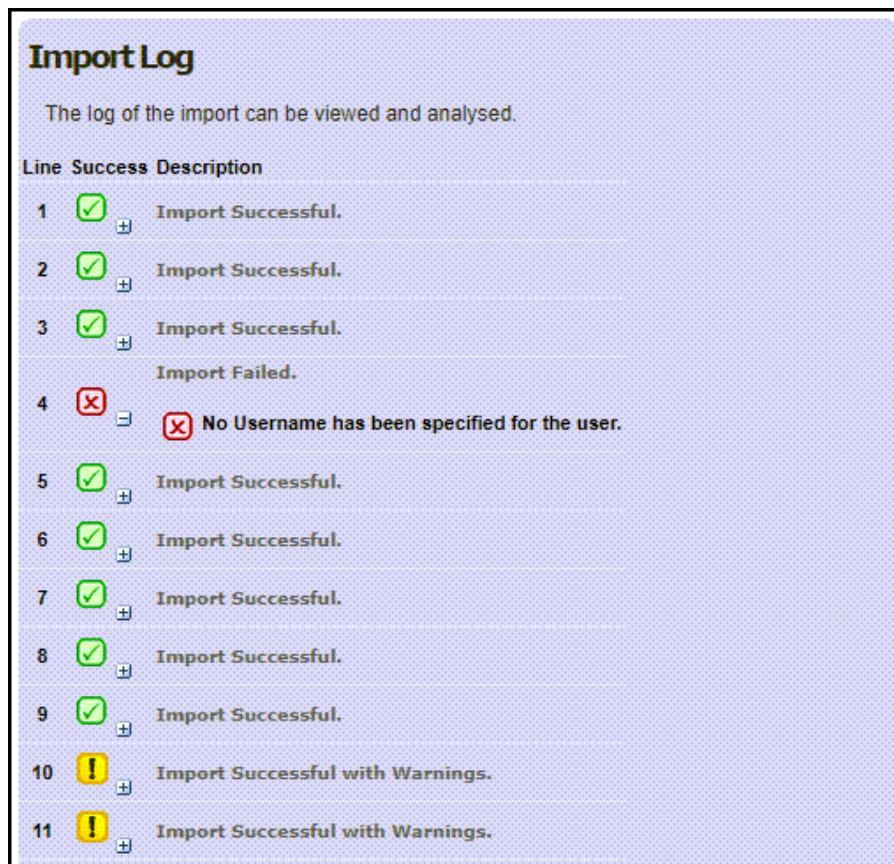
Billing Account:  The assigned Billing account for the users.

2. Highlight the users whose details you wish to change.
3. Use the fields provided to select each of the values that is to be applied to the selected users. If you leave a field set at 'Unchanged', then users will retain their existing settings for that option.
4. Click **Update Users** to apply your changes.

## Import Error Log

Import logs contain useful troubleshooting information if problems occur when uploading CSV files.

1. Click the **View Detailed Import Log** link to open the error log.
2. The line number shown relates to the equivalent line in the CSV file, to help when correcting the error.



**Import Log**

The log of the import can be viewed and analysed.

Line	Success	Description
1	✓	Import Successful.
2	✓	Import Successful.
3	✓	Import Successful.
		Import Failed.
4	✗	✗ No Username has been specified for the user.
5	✓	Import Successful.
6	✓	Import Successful.
7	✓	Import Successful.
8	✓	Import Successful.
9	✓	Import Successful.
10	!	Import Successful with Warnings.
11	!	Import Successful with Warnings.

## View User Summary

The user summary page allows administrators to view the configuration associated with the selected user.

To view a user summary:

1. Click **Users > User Summary**.
2. Select a user from the drop-down list.

The details shown will vary depending on the groups that the user is a member of, and the settings that have been applied to the user.

**Anita**

**User Details**

- User Role: Dual User
- User Type: Dialler Agent
- Forename: Anita
- Surname: Bent
- Extension: 1010
- User Code: 51956
- Service Type: All features

**Agent Skills**

- Skill Level ('ALH only'): 0
- Skill Level ('Dialler Agent Group'): 0
- Skill Level ('Holiday sales'): 0
- Skill Level ('JMS only'): 0
- Skill Level ('Monumental Sales'): 0
- Skill Level ('Training Inbound'): 0
- Skill Level ('Twitter approvers'): 0
- Skill Level ('Twitter training'): 0

**Agent Groups**

- Holiday sales**
  - Opt-out allowed: Yes
  - Opted out: No
- Queues**
  - Sequoia\_Travel Twitter
  - MAMQforTwitterP

Click the + next to the queue name to expand the information shown, to include matching rule details.

## 5 View the storm User Audit Log in STUDIO

This shows you certain user operations performed through STUDIO on **storm**.

If the change was made by a user logging in to, and working within, an organization in the usual way, the **User** and **Organization** columns show their **storm** username and the name of the organization respectively.

If the change was made in a child organization by a user logged in to a parent organization using **Impersonate Users** functionality:

- The **Impersonator User** and **Impersonator Organization** columns show the **storm** username the person who made the change used to log in to the parent organization, and the name of the parent organization respectively.
- The **User** and **Organization** columns show the **storm** username used to carry out the change in the child organization (that is, the impersonated user's username), and the name of the child organization respectively.

1. Select **Reporting > Audit Log**.




This shows the audit log.

Filters						
Date From:	Date To:	Product:	Operation:	User:	Name:	
<input type="text" value="2025-11-19 00:00:00"/>	<input type="text" value="2025-11-19 23:59:59"/>	<input type="text" value="All"/>	<input type="text" value="All"/>	<input type="text" value="All"/>	<input type="text"/>	
<input type="button" value="Search"/>						
Audit Log						
User	Organisation	Product	Description	Date	Impersonator User	
ASA01	TechWriters	storm STUDIO™	User ASA 01 (ASA01) logged in	19/11/2025 09:33:01		
ASA01	TechWriters	storm STUDIO™	user navigated to storm UC	19/11/2025 09:34:20		
ASA01	TechWriters	storm UC	User ASA 01 (ASA01) logged in	19/11/2025 09:34:20		
MAI01	TechWriters	storm STUDIO™	User MAI 01 (MAI01) logged in	19/11/2025 10:06:33		
MAI01	TechWriters	storm STUDIO™	user navigated to CKS Administration	19/11/2025 10:07:35		
ASA01	TechWriters	storm STUDIO™	user ASA 01 (ASA01) logged out	19/11/2025 10:08:07		
MAI01	TechWriters	storm STUDIO™	user navigated to CKS Administration	19/11/2025 10:08:16		
JAL01	TechWriters	storm STUDIO™	User JAL 01 (JAL01) logged in	19/11/2025 10:24:55		
<input type="button" value="Export"/>						

2. The Audit Log can be filtered using the following parameters:

- A date range.
- The product which you want to view the operations of.
- Which operations you want to view.
- The **storm** user whose activity you wish to view.
- The name of a specific object. This needs to be the full and exact name of the object, but is not case sensitive.

**Example:** the name of the route plan or user profile.

3. Click the **Search** button to apply the filters.
4. The **Export** button exports the current report, in CSV format.
5. Entries in the 'Audit Log' which feature parameter changes can be expanded by clicking on the corresponding **Arrow Button** .

The new values for changes made to parameters during user operation are now displayed.

Audit Log						
User	Organisation	Product	Description	Date	Impersonator User	Impersonator Organisation
red01	TechWriters	Conductor	time schedule 'Administrator Time Schedule' updated	13/11/2024 08:55:27		
<div style="border: 1px solid #ccc; padding: 5px;"> <p>Name Administrator Time Schedule</p> <p>Layers</p> <ul style="list-style-type: none"> <li>• Time Layer               <ul style="list-style-type: none"> <li>Action 0ca095bd-7110-4077-9973-646280a8fc3</li> <li>Value eb6061c-c9a-4395-e3b6-08d6b0e7644</li> <li>Color #FFFFFF</li> </ul> </li> <li>• Time Layer               <ul style="list-style-type: none"> <li>Action 1d4046d0-d325-4598-bd41-802777090ba9</li> <li>Value a1581f6-bd7d-44e4-dbbb-088c2ca060e7</li> <li>Color #FFFFFF</li> </ul> </li> </ul> <p>Default</p> <ul style="list-style-type: none"> <li>Action 180315a2-1a10-4b2d-9d05-08d6e2353684</li> <li>Value 161265</li> </ul> <p>Time Zone Europe/London</p> <p>User Groups</p> <ul style="list-style-type: none"> <li>• 52</li> </ul> </div>						

## 6 Single Sign-On

### Define Single Sign-On Identity Providers

**storm** provides a single sign-on service that allows users to sign on to their **storm** account automatically when they log in to a third-party product, without having to provide their **storm** username and password. Typical examples of single sign-on would be:

- To allow a user to sign into DTA using their company's own user authentication system (such as a standard Windows login)
- To allow a user to log in to a third-party product (such as Salesforce) and automatically be logged in to DTA.

You can only set up a single identify provider for single sign-on on **storm**, you must also add the details of each user that will use that system.

The identity provider performs the initial authentication when a user logs on, and passes the user's login details to **storm**'s single sign-on service provider.

### Set Up the Identity Provider

1. To set up the identity providers used by the **storm** application, select the **System Admin > Identity Providers** menu option.



2. In the window that is displayed, click the **Add Identity Provider** button.

Identity Providers		
Name	Metadata URL	
 Salesforce IdP	<a href="https://www.redwoodtest.com/sso/metadata/38BD342E-91D3-4932-927F-F2B422BDF116">https://www.redwoodtest.com/sso/metadata/38BD342E-91D3-4932-927F-F2B422BDF116</a>	<input checked="" type="checkbox"/>
<b>Delete selected</b>		

A window is displayed.

### New Identity Provider

**Name**

**Allow use by suborganisations**

**ACS binding**  
 HTTP POST

**Use NameID as SAML attribute name**

**NameID format**

**Entity ID**

**SSO binding**  
 HTTP Redirect

**Authentication Context**

**SSO URL**

3. Fill in the fields as described in the following table.

Field	Description
<b>Name</b>	Enter a value that will help you identify the third-party product for which this identity provider has been set up.
<b>Allow use by suborganizations</b>	Select this check box if you wish to share the identity provider with sub-organizations.
<b>ACS binding</b>	The SAML protocol binding for the assertion consumer service endpoint to which authenticated user login credentials are transmitted. This is configured by Content Guru.
<b>Use NameID as SAML attribute name</b>	The name of the attribute in the SAML response that the name provided in the user's credentials must match

Field	Description
<b>NameID format</b>	Select the format in which the name must be provided to the service provider. If you do not want to enforce a single format, select 'Unspecified'.
<b>Entity ID</b>	The identity provider's URL.
<b>SSO binding</b>	The binding to use for single sign-on. This is configured by Content Guru.
<b>Authentication Context</b>	Select the authentication method to be used. If you do not want to enforce a single method, select 'Unspecified'.
<b>SSO URL</b>	The URL to be used for binding with the single sign-on service.
<b>X.509 certificate</b>	Upload the certificate to be used by the identity provider.
<b>Allow identity provider initiated SSO</b>	Select this check box to enable single sign-on for this identity provider and third-party product.

4. Click **Save** to close the window and save the identity provider.

## Identify the Users

Once you have set up an identity provider, it is included in the window displayed when you select the **System Admin > Identity Providers** menu option.

Identity Providers		
Name	Metadata URL	
 Salesforce IdP	<a href="https://www.redwoodtest.com/sso/metadata/3BBD342E-91D3-4932-927F-F2B422BDF116">https://www.redwoodtest.com/sso/metadata/3BBD342E-91D3-4932-927F-F2B422BDF116</a>	<input checked="" type="checkbox"/>
<b>Delete selected</b>		

The metadata URL is the unique identifier for the identity provider, and is generated automatically by the system.

You can identify the users that will log in to this third-party product using single sign-on either individually, or via a bulk update using a CSV file.

## Identify Users Individually


1. Click the  button.

### User SAML Attribute Values

**Import**


No file chosen ?

User	SAML attribute value	
<input type="text" value="Select"/>	<input type="text"/>	
Bella Cardenas (BCardenas)	Bella.Cardenas@monumentaltravel.co.uk	✕
Stephen Dodd (SDodd)	Stephen.dodd@monumentaltravel.co.uk	✕

2. Use the **User** field to select a **storm** user.
3. Enter that user's login name in the third-party product into the **SAML attribute value** field.
4. Click the  button.
5. Complete the line that appears with the next user's details.
6. Repeat the process for each user, then click **Save**.

### Create a New List

1. Create a CSV file with the structure illustrated below.
 

The columns must be in the order shown, and the file must include the header row, with the column titles shown. It must not have more than 400 lines.
2. In the Identity Providers screen, click the  button against the relevant identity provider.

### User SAML Attribute Values

**Import**


No file chosen ?

User	SAML attribute value	
<input type="text" value="Select"/>	<input type="text"/>	
Bella Cardenas (BCardenas)	Bella.Cardenas@monumentaltravel.co.uk	✕
Stephen Dodd (SDodd)	Stephen.dodd@monumentaltravel.co.uk	✕

3. Click **Choose file** and browse to, and then open, the CSV file.
4. Click **OK** to close the warning message and proceed to import the file.


**Note:** the **Clear All** button removes all SAML mappings for the selected identity provider.

### Update an Existing List


1. In the Identity Providers screen, click the  button against the relevant identity provider.
2. In the screen that appears, click the **Export** button. The system exports a CSV file containing the current values for the identity provider in your download folder.
3. Update this CSV file.
4. If you wish to replace the existing file completely, click the **Clear All** button.
5. Click **Choose file** and browse to, and then open, the amended CSV file.
6. Click **OK** to close the warning message and proceed to import the file.

### Disable Single Sign-On

You may need to disable single sign-on for a third-party product in emergencies (for example, if the third-party product is unavailable) to allow users to sign on to **storm** directly temporarily.

1. In the Identity Providers screen, click the  button against the relevant identity provider.
2. In the screen that appears, click the **Clear All** button. The system exports a CSV file containing the current values for the identity provider in your download folder.
3. Store this CSV file in a safe location.

Once the emergency situation has ended, you can re-import the saved CSV file to reactivate single sign-on functionality.

4. In the Identity Providers screen, click the  button against the relevant identity provider.
5. Select **Choose file** and browse to, and then open, the CSV file. This automatically uploads the CSV file - you do not need to click **Save**.

# 7 FedRAMP Compliant Recommended Security Settings

Setting	Function	Security impact	Recommended value
<b>Role-Based Access Control</b>	Determines what administrative actions a user is allowed to perform according to their assigned role and associated permissions.	Reduces the risk from compromised accounts by granting users only the permissions they need. Assigning overly broad roles can significantly increase the damage that a single compromised account may cause.	Apply the principle of least privilege when configuring access. Create custom roles that include only the permissions each administrator needs, and limit use of the Customer Administrator role to a small, trusted group of administrators.
<b>Service account permissions</b>	Restricts API access tokens to defined permission sets, determining which actions automated systems are allowed to perform.	If a service key is granted excessive permissions and becomes exposed, it can be misused to gain unauthorized access to user management, analytics, or other sensitive functions.	Limit service keys to the minimum permissions necessary. Create separate keys for each integration, granting only the access that specific integration requires, and rotate the keys on a regular basis.
<b>Single Sign On (SSO) provider configuration</b>	Sets up the identity provider for all user authentication, supporting OIDC and SAML 2.0 protocols. Email/password login is not supported. Configuring SSO requires coordination with the Content Guru FedRAMP team and is managed in the SSO section under Settings.	Consolidates authentication via the organization's identity provider (IdP), allowing enforcement of MFA, conditional access, and session policies. Incorrect configuration may result in user lockout or unintended access.	Set up authentication using your organization's approved identity provider. Confirm the configuration by testing login with a non-admin account before deploying it organization-wide.

## 8 Contact and Support

---

For FedRAMP related questions or incident reporting:

Point of Contact	Contact Information
Website	<a href="https://contentguru.com/en-us">contentguru.com/en-us</a>
Sales	PublicSectorSales@contentguru.com
Support	support@stormfedramp.com
Security	SecurityIncident@stormfedramp.com

## 9 Copyright and Disclaimer

Content Guru Inc., part of the Redwood Technologies Group Ltd., reserves the right to make changes to the information in this document at any time without notice. Information published in this document is believed to be reliable. However, Content Guru Inc. assumes no liabilities for inaccuracies or omissions in this document, or liability arising from the use of such information. Furthermore, Content Guru Inc. assumes no liability for the infringement of patents or other intellectual property rights owned by third parties which may result from the application of this information.

No part of this document may be reproduced or transmitted in any form or by any means electronic or mechanical, for any purpose, without the written permission of Content Guru Inc.

Content Guru®, Content Guru Engagement Made Easy®, **brain**®, iACD®, **storm**®, **storm** CKS®, **storm** Customer Knowledge System®, **storm** LINK®, **storm** LITE® and **storm** Machine Agent® are registered trademarks of Content Guru Ltd in the United Kingdom.

**storm** AHEAD™, **storm** ASK™, **storm** BPO™, **storm** CENTREX™, **storm** CONDUCTOR™, **storm** CONTACT™, **storm** CRM™, **storm** DIAL™, **storm** DROP™, **storm** FAX™, **storm** FLOW™, **storm** INBOUND™, **storm** INTEGRATE™, **storm** LOCK™, **storm** LOSS™, **storm** MASK™, **storm** MATRIX™, **storm** MEDIA™, **storm** NUDGE™, **storm** OUTBOUND™, **storm** PATROL™, **storm** PASS™, **storm** PEP™, **storm** PEW™, **storm** PROTECT™, **storm** REACH™, **storm** RECORDER™, **storm** RESPONSE™, **storm** SHIELD™, **storm** SHOUT™, **storm** SIGN-IN™, **storm** SMS™, **storm** SNAP™, **storm** SOCIAL™, **storm** SPEAK™, **storm** STEER™, **storm** STUDIO™, **storm** SURE™, **storm** SWITCHBOARD™, **storm** TACTIC™, **storm** TRADE™, **storm** TRUST™, **storm** UC™, **storm** VIEW™, **storm** WFM™, and **storm** WHO™ are trademarks of Content Guru Inc.

DNX®, DTA®, iPath®, LOCK®, RedLink®, RedMatrix®, RedResponse®, Redwood Technologies®, RTComposer®, RTConductor®, RTInstantBilling®, RTMonitor®, RTPerformer®, RTSinfonia®, RTStudio® and the Redwood company logo are registered trademarks of Redwood Technologies Ltd in the United Kingdom.

Digital Network Xchange™, Intelligent Network Xchange™, INX™, RedAlert™, RedBanner™, RedCentrex™, RedContact™, RedDial™, RedFax™, RedMessage™, RedPBX™, RedRecorder™, RedRouter™ and RedSpeak™ are trademarks of Redwood Technologies Ltd.

Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

All other trademarks are the property of their respective owners.

Copyright© 2026 by Content Guru Inc.

Content Guru Inc  
900 E. Hamilton Avenue,  
Suite 510,  
Campbell,  
CA 95008,  
USA

t: +1 408-559-3988

e: [info@contentguru.com](mailto:info@contentguru.com)

w: [www.contentguru.com](http://www.contentguru.com)



[contentguru.com](http://contentguru.com)

[info@contentguru.com](mailto:info@contentguru.com)

+1-408-559-3988

