



Archive Single Sign-on (SSO) Implementation

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for
SSO Team

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Single Sign-On (SSO)

- What is SSO?
 - A Single Sign-On (SSO) service provides to the End User the capability to login once and gain access to all authorized STScI systems without being prompted to login again for each one of those systems
 - **One Username and Password to access multiple services**
- Why do we need SSO?
 - Improves user experience, consolidates passwords, improves security and allows for user statistics/history/settings
- Existing SSO enabled services at STScI were for internal employee use
- SSO Service expanding to include non-STScI individuals
 - **Archive with SSO effective April 13th, after HST Phase 1 Proposal Deadline**
- Potentially 100 STScI services could be SSO-enabled, including Grants Management Systems, Exposure Time Calculator, Web-Astronomer Proposal Tool, Confluence, etc.



SSO Characteristics

- SSO Login Duration
 - 4 hour sliding window; up to 10 hours - mimics a workday
 - If a user does not use an SSO service for 4 hours, the user will need to log in again
 - Assumes users do not close their browser
- Password – for external users
 - Expires after 2 years
 - Users can follow a link from login page to reset their own password
 - Lock out after 5 attempts, then a 15 min wait
 - Send mail to help@stsci.edu



Identity Management

- External users can create their own account
- Enables users to change their registered attributes
 - Reset password
 - Change email address, telephone number, etc.

STSci SSO Self-Service Account

[SSO FAQ](#) | [Support](#) | [Private Browsing](#) | [Terms of Service](#) | [Privacy Policy](#)

Use [Private Browsing](#), secure connections, and carefully manage cookies and passwords in order to minimize risks when using public terminals or internet.

Passwords must be at least 12 characters long and include at least one upper case letter, at least one lower case letter, and at least one numerical digit. They may not include your email address and must not be a repeat of your last 24 passwords.

Email addresses must be properly formed as user@host.tld

The username may contain a plus, dot, dash and/or underscore: + . - _ and may not contain " ! % / ~ # \$ & ' * = ? ^ ` { | }

Have questions or problems? Please view the [SSO FAQ](#), the [Support](#) site, or contact support@stsci.edu.

Returning Users

Please enter your email address and password to edit your account.

Email Address

Password

Login

[Forgot Your Password?](#)

[New Account Registration](#)



SSO FAQs

Information Technology Services Division Single Sign-On (SSO) FAQ

[SSO Main Page](#) | [Return to Self-Registration](#) | [Return to SSO Portal main login](#)

[Expand All Answers](#) | [Compress All Answers](#)

[General SSO Questions](#) | [Community SSO Questions](#) | [Institute Employee SSO Questions](#)

General SSO Questions

- What is "SSO"? How did I end up there?

"SSO" stands for "Single Sign-On" and it allows you to use your STScI SSO Portal credentials to log on to many services throughout the Institute. Rather than have each service maintain separate user accounts, users log in through the SSO Portal. This should all happen seamlessly in the background. A primary benefit is that you will only need to remember one user name and password.

+ How long do I stay authenticated?

+ What happens when the 10 hour activity timer expires?

+ I am logging in with the correct information, and I can't log in. What should I do?

+ I cannot access the application I'm trying to log into. What can I do?

Community SSO Questions (Institute employees please go [here](#))

+ What services are using SSO?

+ How do I reset my password?

+ I have forgotten my password. What can I do?

+ I do not have my account information. What can I do?

+ How do I request an account?

+ How do I edit my account information?

+ My information is wrong and I cannot fix it. What can I do?

+ I received notice that my email address was changed. I didn't change it. Help!

+ What are the rules for creating a password?

+ How do I change my email address when I move?

+ How do I update my email address when I move without having access to my old email?

Support is staffed M-F 9am-5pm Eastern Time.

Institute Employee SSO Questions

+ I am an STScI employee. How do I log into services using the SSO?

+ What services are using SSO?

+ What are the rules for creating a password?

[SSO Main Page](#) | [Return to Self-Registration](#) | [Return to SSO Portal main login](#)



Registered Archive Account Types

- Archive Accounts
 - At the time of transition there were > 13,000 Archive registered users
 - Most accounts haven't been used in years
 - Some people had several accounts
 - To plan the transition to SSO, we separated users into 3 categories:
 1. STScl users
 2. External authorized users – able to retrieve proprietary data or other special cases (506)
 3. All other users (~12,000)



STScl Archive Accounts

- All current archive accounts for STScl staff were transitioned to an SSO account
 - No action required by staff
 - Any privileges transferred with the identity
- For external accounts with access to proprietary data
 - Accounts were created in new identity manager
 - Permissions linked to new account
 - Account holders need to set their password
 - Email has been sent with explanation and where to reset password
- For external accounts without access to proprietary data
 - Current accounts were retired
 - Mail sent with explanation and where to register for a new account




Notification

- Mail sent to all users twice
 - First a warning that it would happen
 - ~ 5000 bounced email messages
- Mail sent to users after installation
- Web page explaining the changes
- Web page to see if your account was transitioned
- Help pages
- SSO FAQ
- Video
- What's New announcement
- Social media – Facebook, Twitter



Check Your Account



Barbara A.
MIKULSKI ARCHIVE OF SPACE TELESCOPES

MAST STScI Tools Mission_Search Search Website Follow Us

About MAST Getting Started

FAQ

High-Level Science Products

Software

FITS

Archive Manual

Related Sites

NASA Datacenters

MAST Services


MAST and the VO

Newsletters & Reports

Data Use Policy

Dataset Identifiers

Acknowledgments



The archive is now using the STScI Single Sign-On (SSO) identity manager. To see if your account was automatically transitioned and for links to sign up for a new account or to change your password click [here](#). For more information about how accounts were transitioned or not transitioned click [here](#).

Changes to Archive Accounts and Registration

As of April 2015, the Archive's account management system has been replaced by [STScI's Institute-wide Single Sign On \(SSO\) system](#). Most people will need to register for a new account.

As an Archive user, the only difference you should see (apart from a different registration process) is that instead of a username, you will **login with your email address**.

Enter your email to see if you have an STScI SSO account:

- ▶ No account was found. [Register for a new account](#).
- ▶ You have an account. [Reset your password, if you haven't already](#).
- ▶ You are an STScI employee, so you do not need to register. Just use your STScI SSO Portal credentials, which are your email address and AD password.
- ▶ Your STScI email was not found. Contact support@stsci.edu.

Public vs Proprietary Data Access

It is not necessary to register for an account to search the Archive catalogs or retrieve public data. However, to retrieve proprietary data, such as recently archived HST data, an SSO account is required. When retrieving proprietary HST data, the Retrieval Options page will ask you to enter your SSO email and password. This will be used to verify that you are authorized to retrieve the data. (You can also use your SSO account to retrieve public HST data, instead of doing so anonymously, if you wish.)


Need Assistance?

For questions about the Archive account transition or to request access to proprietary data, please email help@stsci.edu.

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Archive User Experience




Barbara A. **MIKULSKI ARCHIVE FOR SPACE TELESCOPES**

MAST | STScI | Tools | Mission_Search | Search Website | f | Follow Us

About MAST | Getting Started

- FAQ
- High-Level Science Products
- Software
- FITS
- Archive Manual
- Related Sites
- NASA Datacenters
- MAST Services
- MAST and the VO
- Newsletters & Reports
- Data Use Policy
- Dataset Identifiers
- Acknowledgments



Archive account changing to STScI Single Sign-On (SSO) account

The archive is now using the STScI Single Sign-On (SSO) identity manager. To see if your account was automatically transitioned and for links to sign up for a new account or to change your password click [here](#). For more information about how accounts were transitioned or not transitioned click [here](#).

Starting on April 13, 2015, the Archive will rely on the STScI Single Sign-On (SSO) system for account management and login. In the past, the Archive has relied on an internal system with archive specific accounts that applied only to archive related activities, primarily secure distribution of proprietary data. Archive logon and proprietary data retrieval were both linked to the internal archive account manager. The Archive will retain the responsibility of who is authorized to retrieve proprietary data.

The STScI SSO system relies on email address as the "account" username. Wherever you previously used your "archive account" name, you will use your email address as your new login.

Check [this page](#) to see if your archive account was transitioned to the new STScI SSO identity management system or if you need to create a new account.

What's in it for Archive Users? [show](#)

Transition of Archive accounts [show](#)

Users who have proprietary data in MAST [show](#)

Users who do NOT have proprietary data in MAST [show](#)

STScI employees [show](#)

Consolidation of multiple Archive accounts [show](#)

For questions about the Archive account transition or to request access to proprietary data, please email help@stsci.edu.

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Mast UI: Retrieval Options— Changes

HST Retrieval Options

[Archive Status](#)

1 dataset (1 public, 0 proprietary) marked.

[Show Environment](#) [Show Request](#) [Download Request](#)

User Information

Retrieve anonymously

Email (required) [?](#)

Use your STScI ID

STScI ID (your email; required) [?](#)

Password (required) [?](#) [show](#)

Alternate Email (optional) [?](#)

Delivery Options

Deliver the data to the Archive staging area [?](#)

Send the data to me on DVD. [?](#)

Compress the files using gzip [?](#)

sftp (OpenSSH v2) or

FTP the data to:

Hostname (required) [?](#)

directory (required) [?](#)

username (required) [?](#)

password (required) [?](#)

File Options

Select the type of files you want...

Calibrated [?](#)

Uncalibrated [?](#)

Data Quality [?](#)

Observation Log [?](#)

DADS Distribution Help

Enter your STScI ID, which is the email address for your STScI account. You do not need to be logged into your STScI account to use the DADS Distribution Service, and entering your email and password here will not create a login session.



Starview Changes

StarView 1.2.3

https://starviewtest.stsci.edu/web/#

anonymous Login New User

Download Cart Help

Screens

Screens Fields

instrument	title	mission
▶ ACS		
▶ ALL		
▶ COS		
▶ FGS		
▶ FOC		
▶ FOS		
▶ FUSE		
▶ HRS		
▶ HSP		
▶ NICMOS		
▶ STIS		
▶ TVI		
▶ TVL		
▶ WFC3		
▶ WFPC		
▶ WFPC2		

Screen Toolbar: Search Cancel SQL



StarView Changes

The screenshot shows a web browser window with the following elements:

- Browser Tabs:** StarView 1.2.3 and STScI SSO Portal.
- Address Bar:** <https://sso-testadx.stsci.edu/cas/login?entityId=archtestservices&service=https://sso-testadx.stsci.edu:443/idp/Au>
- Page Header:** SPACE TELESCOPE SCIENCE INSTITUTE
- Section Header:** STScI Single Sign-On (SSO) Portal
- Form:**
 - Enter your Email Address and Password**
 - Email Address:
 - Password:
 - Warn me before logging me into other sites.
 - Follow [best security practices](#) when logging in from public terminals.
 -
- Best Security Practices:**

Use [Private Browsing](#), secure connections, and carefully [manage cookies](#) and passwords in order to minimize risks when using untrusted computers or public internet. For security reasons, please exit your web browser when you are done accessing services that require authentication.
- Useful Links:**
 - [SSO FAQ](#)
 - [Private Browsing](#) explanation and instructions
 - [Terms of Service](#)
 - [Privacy Policy](#)
- Footer:**

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StarView Changes

StarView 1.2.3

https://starviewtest.stsci.edu/web/#

Abney New User

Download Cart Help

Screens

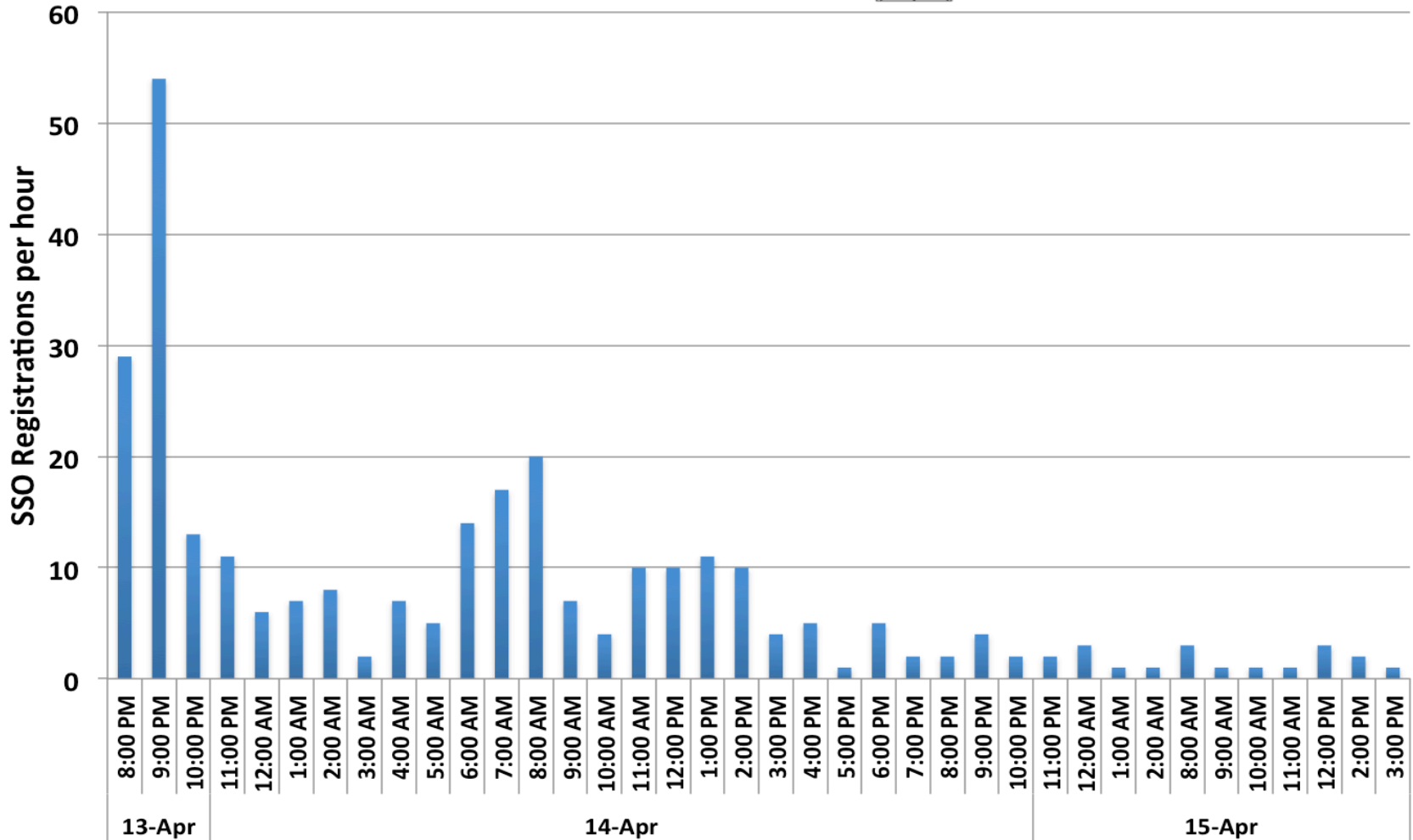
Fields

instrument	title	mission
▶ ACS		
▶ ALL		
▶ COS		
▶ FGS		
▶ FOC		
▶ FOS		
▶ FUUSE		
▶ HRS		
▶ HSP		
▶ NICMOS		
▶ STIS		
▶ TVI		
▶ TVL		
▶ WFC3		
▶ WFPC		
▶ WFPC2		

Screen Toolbar: Search Cancel SQL



SSO Registrations





Account Support

- All account questions should go to help@stsci.edu
 - help will send account issues to ITSD support helpdesk
 - help will send archive and proprietary data access issues to archive helpdesk

