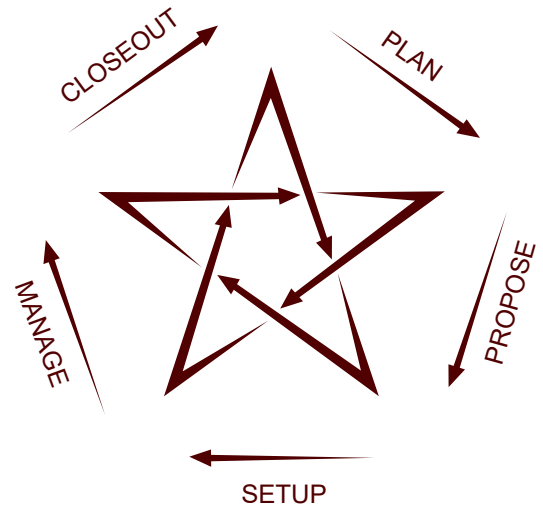




# Secure Technologies for Aggie Researchers

Secure Technologies for Aggie Researchers (STAR) provides a collection of new, cloud-based resources that facilitate both rapid access and simplified procurement for researchers working with controlled, confidential or restricted data.



## Why Choose STAR?

★ <b>Rapid access to cloud services</b>	★ <b>Robust security for controlled, confidential or restricted data</b>
★ <b>Expedited time to research</b>	★ <b>Pay-as-you-go and self-service plans available</b>

## What is STAR?

STAR is a platform offering robust and scalable servers, storage, data analytics, artificial intelligence, machine learning, secure data transfer and data collaboration, along with many additional computing services—all while featuring enterprise-level security and cost-effective cloud solutions.

STAR replaces outdated purchasing and implementation methods for researchers, which previously took months for configuring servers and storage, and instead streamlines processes down to mere days—or in some cases just a few hours—by using secure, cloud-based tools with a self-service workflow.

## STAR Support

Training is available for using STAR’s varied services. Resources on the STAR website at [star.tamu.edu](http://star.tamu.edu) include Standard Administrative Procedures, compliance policies and contact information for data privacy.

## STAR Services

Find the right combination of fully managed and scalable computing services for your research project’s needs and budget. All services are provided within STAR’s secure, up-to-date and compliant online environment.

### Popular Services

- **Amazon Simple Storage Service (S3)** for object storage designed to store and retrieve any amount of data from anywhere.
- **Amazon Elastic Block Store (EBS)** for easy-to-use, high-performance block storage at any scale.
- **Amazon Elastic Compute Cloud (EC2)** for web service-based secure and resizable compute capacity in the cloud.

View the full list of available STAR services at [star.tamu.edu/services](http://star.tamu.edu/services).

# Benefits of Using STAR

## Rapid Access



STAR enables researchers to access and set up secure computing resources in days instead of weeks or months, leverage resources for grant proposals, and connect to institutional compliance processes.

## Configured for Aggies



STAR is built specifically for Aggie researchers using the research lifecycle in mind. It works with your TAMU NetID, is connected to the TAMU network, and made secure and compliant by a team of IT professionals.

## Self-Service



Galileo, inspired by Harvard University, is a new self-service portal that will enable researchers who have a STAR account and have completed training to provision their own compute or storage services and access data libraries.

## Pay as You Go



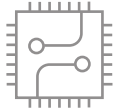
Pay for an hour, a day, a month, a year—it's your choice. Instead of buying your own server or storage, pay only for what you need and use on a monthly basis.

## Compliant



STAR is pre-configured to comply with HIPAA, FERPA and NIST security requirements in an Amazon Web Services (AWS) Secure Landing Zone reusable environment.

## New Research Ecosystem



Using Amazon Web Services, access a new ecosystem of tools for machine learning, deep learning, data analytics, internet of things, big data and many additional services.

## Join the STAR Pilot

Interested in trying out STAR for your next research project? We are seeking:

- Early adopters willing to experiment with the resources and give feedback on the configuration beginning mid-summer 2020 through spring 2021
- Projects for using the \$180,000 Cloud Research Exploration Fund, provided by the TAMU Vice-President for Research, to cover costs for early adopters; awards will be distributed through seed grant increments of \$3,000, \$5,000 or \$10,000
- Recommendations for PI representatives to serve on a new committee that will offer input on the strategic use of STAR and its strategic diversification



## Contact Us

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# STAR System

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