Are You a STAR?

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[20 minutes for CSA Hyderabad Summit 2018]

CSA STAR: Security, Trust & Assurance Registry

- Launched in 2011, the CSA STAR is the first step improving transparency and assurance in the cloud.

- Searchable registry to allow cloud customers to review the security practices of providers, accelerating their due diligence and leading **to higher quality procurement experiences**.
- STAR is a **publicly accessible** registry that documents the security controls provided by cloud computing offerings
- Helps users to assess the security of cloud providers
- It is based on a multi-layered structure defined by **Open Certification Framework Working Group**

THE INDIVIDUAL

INTRODUCTION

Since CSA first released the CCSK in 2010, thousands of IT and security professionals have taken the opportunity to upgrade their skillsets and enhance their careers by obtaining the CCSK.

The CCSK Helps You

- Validate your competence gained through experience in cloud security
- Demonstrate your technical knowledge, skills, & abilities to effectively develop a holistic cloud security program relative to globally accepted standards
- Differentiate yourself from other candidates for desirable employment in the fast-growing cloud security market
- Gain access to valuable career resources, such as tools, networking & ideas exchange with peers

Helps Employers, CSPs & Consulting

The CCSK Helps Employers

- Protect against threats with qualified professionals who have the expertise to competently design, build, & maintain a secure cloud business environment
- Increase your confidence that candidates are qualified & committed to cloud security
- Ensure practitioners use a universal language, circumventing ambiguity with industry-accepted cloud security terms & practices
- Increase organizations' credibility when working with constituents

The CCSK Helps CSPs & Consulting Organizations

- Increase revenues by winning more business using expertise demonstrated with certified staff
- Increase organizations' credibility & trust when working with clients & vendors

Certification Magazine’s Salary Survey 2017

An outgrowth of the magazine's popular annual Salary Survey, the Salary Survey 75 provides an IT certification heat check, of sorts. The list comprises the 75 highest-salaried certifications held by survey respondents, or at least held by a sufficient number of survey respondents to calculate a statistically relevant average.

The top credential this year is CSA's Certificate of Cloud Security Knowledge (CCSK), followed by the IAPP Certified Information Privacy Professional (CIPP). The average annual salary for CCSK holders in the United States is a potent $149,760, while the U.S. CIPP holders have an average annual salary of $144,580.

Source: http://www.gocertify.com/it-certification-watch-newsletter/certification-watch-vol-20-no-2

Certification Watch (Vol. 20, No. 2)

Written by GoCertify Staff | Published: 11 January 2017

Certification Magazine Rolls Out List of 75 Top-Salaried Certs

The Golden Globes have just been awarded by the Hollywood Foreign Press Association, and the Academy of Motion Picture Arts and Sciences is about to announce its Oscar nominations (Jan. 24). This feels like the right time for some IT certification glitz and glamor, and right on cue, our friends at *Certification Magazine* have **rolled out a new Salary Survey 75 list**. An outgrowth of the magazine's popular annual Salary Survey, the Salary Survey 75 provides an IT certification heat check, of sorts. The list comprises the 75 highest-salaried certifications held by survey respondents, or at least held by a sufficient number of survey respondents to calculate a statistically relevant average. The top credential this year is Cloud Security Alliance's Certificate of Cloud Security Knowledge (CCSK), followed by the IAPP Certified Information Privacy Professional (CIPP). The average annual salary for CCSK holders in the United States is a potent $149,760, while the U.S. CIPP holders have an average annual salary of $144,580. It was a good year for information security in general, and for cybersecurity association (ISC)² in particular, which placed six credentials in the Top 20. The highest-ranked cert that does ***not*** have an information security focus is the Certified Customer Service Systems Architect (CCSA) from Pegasystems, with an average annual salary of $137,460.

What the Industry Says (1/2)

"This is the mother of all cloud computing security certifications. The Certificate of Cloud Security Knowledge certification is vendor-neutral, and certifies competency in key cloud security areas."
~ CIO.com, Top Ten Cloud Computing Certifications

"Having dealt with security since the creation of our Group 60 years ago, at Kudelski Security we are thrilled to leverage CSA's Cloud Security Knowledge certification to bring our Cyber Security Division's engineering experts to a common level of understanding of best practices and benefits of cloud computing. When training clients in corporate and public segments on information security standards, we highlight the importance of CSA's CCSK certification for IT professionals who need to ensure adoption of secure cloud environment in their organizations."
~ Joel Conus, VP Cyber Security Operations, Kudelski Security

"The CSA, in providing a set of goals through the CCSK, is challenging security practitioners to become the cloud thought-leaders we need today and tomorrow to ensure safe and secure cloud environments. In developing the CCSK, CSA is 'setting the bar' for security professionals and providing business executives a means to gauge the opinions and rhetoric associated with security in the cloud."
~ Jerry Archer, CSO, Sallie Mae

What the Industry Says (2/2)

“With CCSK certification, professionals who have Cloud Computing responsibilities can demonstrate thorough Cloud security knowledge based on the CSA’s catalogue of security best practices.”

~ Patrick Harding, CTO, Ping Identity

"As enterprises move toward cloud computing, they are desperately seeking guidance and education in this new domain. CSA is bridging this gap and the CCSK provides an important first step in establishing baseline knowledge for individuals tasked with building and managing applications to the cloud."

~ Michael Sutton, CISO, Zscaler

Being Part of a Community

Understanding Challenges and Best Practices

Individual Members

Over 90,000+ Individual Members
Get updates on the latest CSA Activities:
Get published
Become a Research Fellow
Service Award Honors

Chapters

75+ Chapters Worldwide
Extension of CSA Global
Opportunities to Network with Peers
Local Events (e.g. Malaysia Summit)
Research (Areas of Focus)
Educate

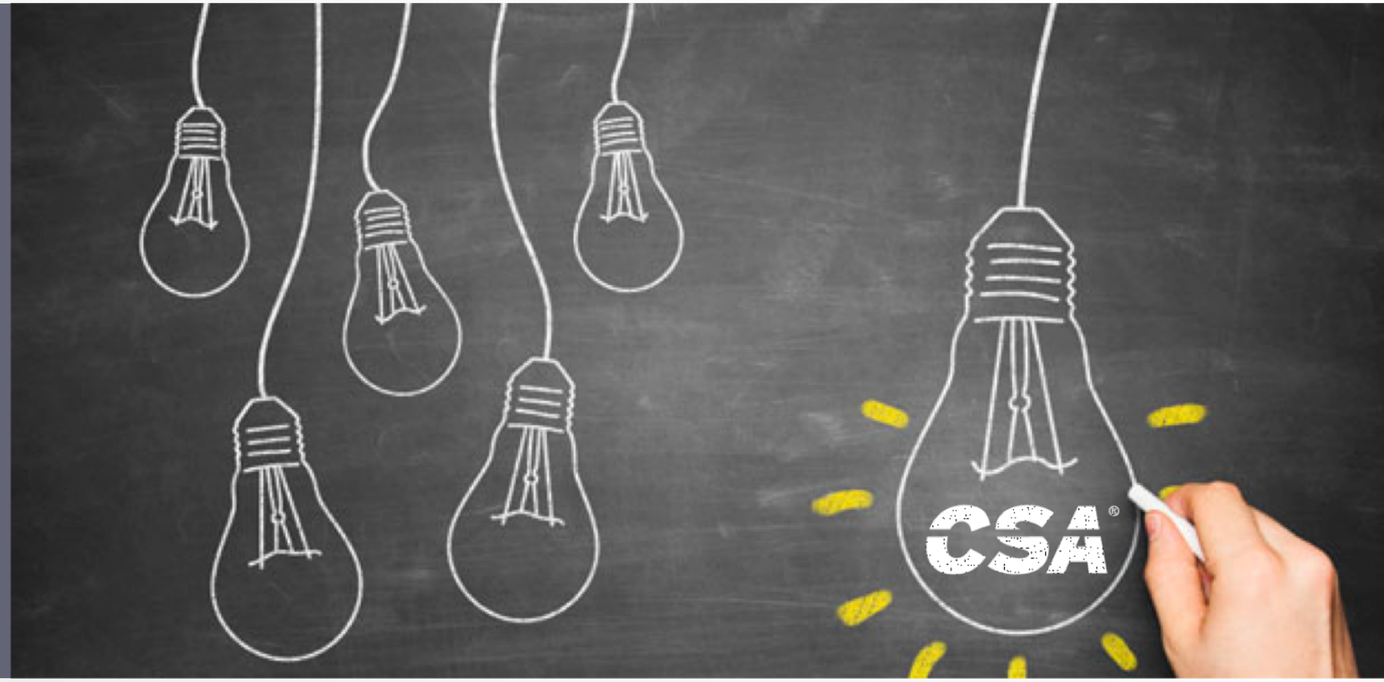
Corporate Members

Over 300 Supporting Companies
3 Membership Levels
Executive Members
Enterprise User Members
Solution Provider Members
Member Profiles: cloud providers, tech leaders, security industry, Global 500 enterprise users of cloud

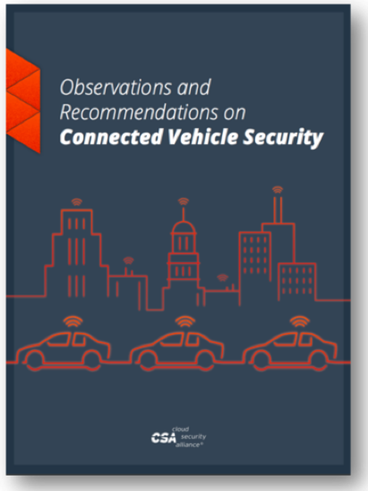
CSA Research Facts

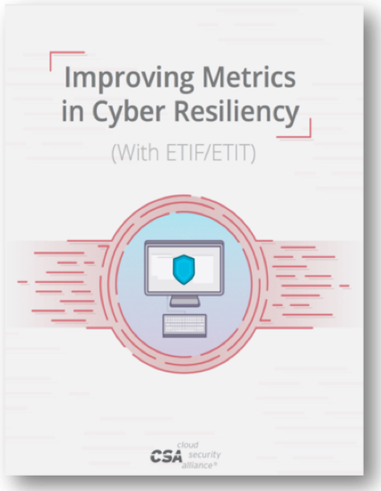
- In 2009 we produced 2 research artifacts
- Since 2010, CSA has produced over 195 research artifacts
- Released 20 research artifacts in 2017
- We have a total of 36 Research Working Groups (~19 Currently Active)
- Over 5000* Volunteers have been involved (Past & Present)

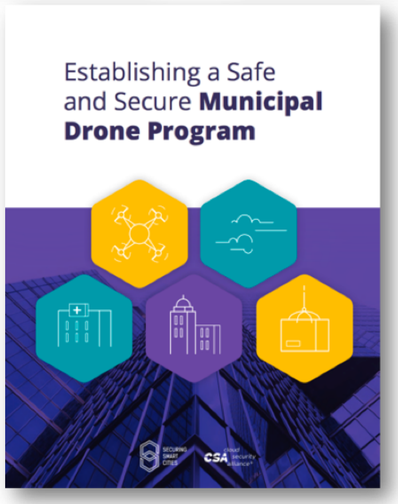
* Individuals logged into Basecamp



CSA Research in the news







Active Working Groups

- Blockchain / Distributed Ledger
- Cloud Cyber Incident Sharing
- Cloud Component Specifications
- Cloud Controls Matrix
- Cloud Security Services Management
- Consensus Assessments
- Containers & Microservices
- Enterprise Architecture
- ERP Security
- Financial Services
- Internet of Things
- Mobile
- Open Certification
- Privacy Level Agreement
- Quantum-safe Security
- Security as a Service
- Security Guidance
- Software Defined Perimeter
- Top Threats
- TakeDown (EuC Project)
- MAST / STRATUS Project

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THE ENTERPRISE

Cloud Risk Management Tools

Delivering	Solution	Description
Foundational Controls	CCM™ Cloud Controls Matrix	Fundamental security principles to specify cloud consumer security needs and assessing cloud provider security risk
Pre-audit checklists, questionnaires, and control inventories	CAI™ Consensus Assessments Initiative	Industry accepted ways to document security controls exist
Centralized location and methodology for reporting alignment	CSA STAR™ Security, Trust & Assurance Registry	Self reporting and/or third party validation of CCM or CAIQ alignment

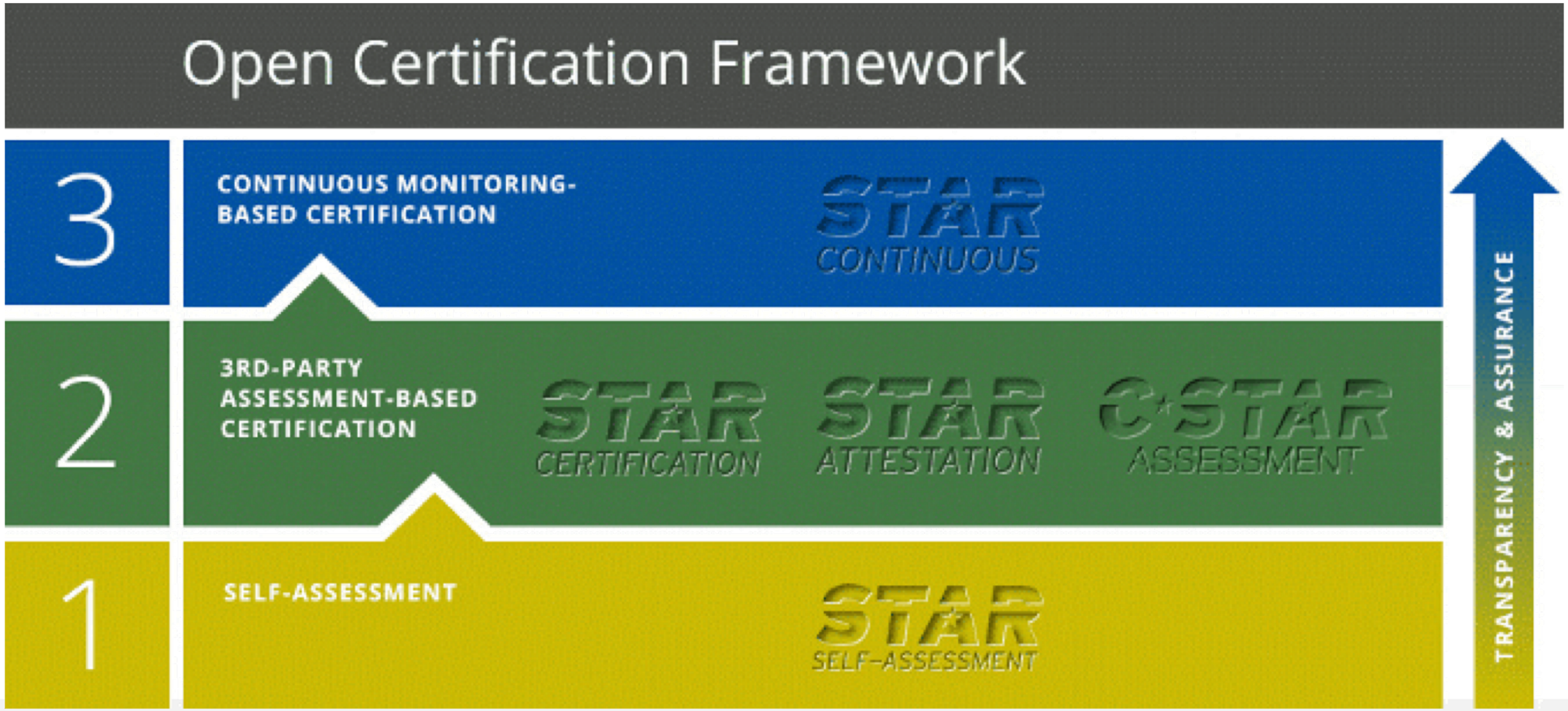
- Industry and research backed solutions
- Mapped to international security standards
- Free to use

CSA CODE OF CONDUCT: GOALS

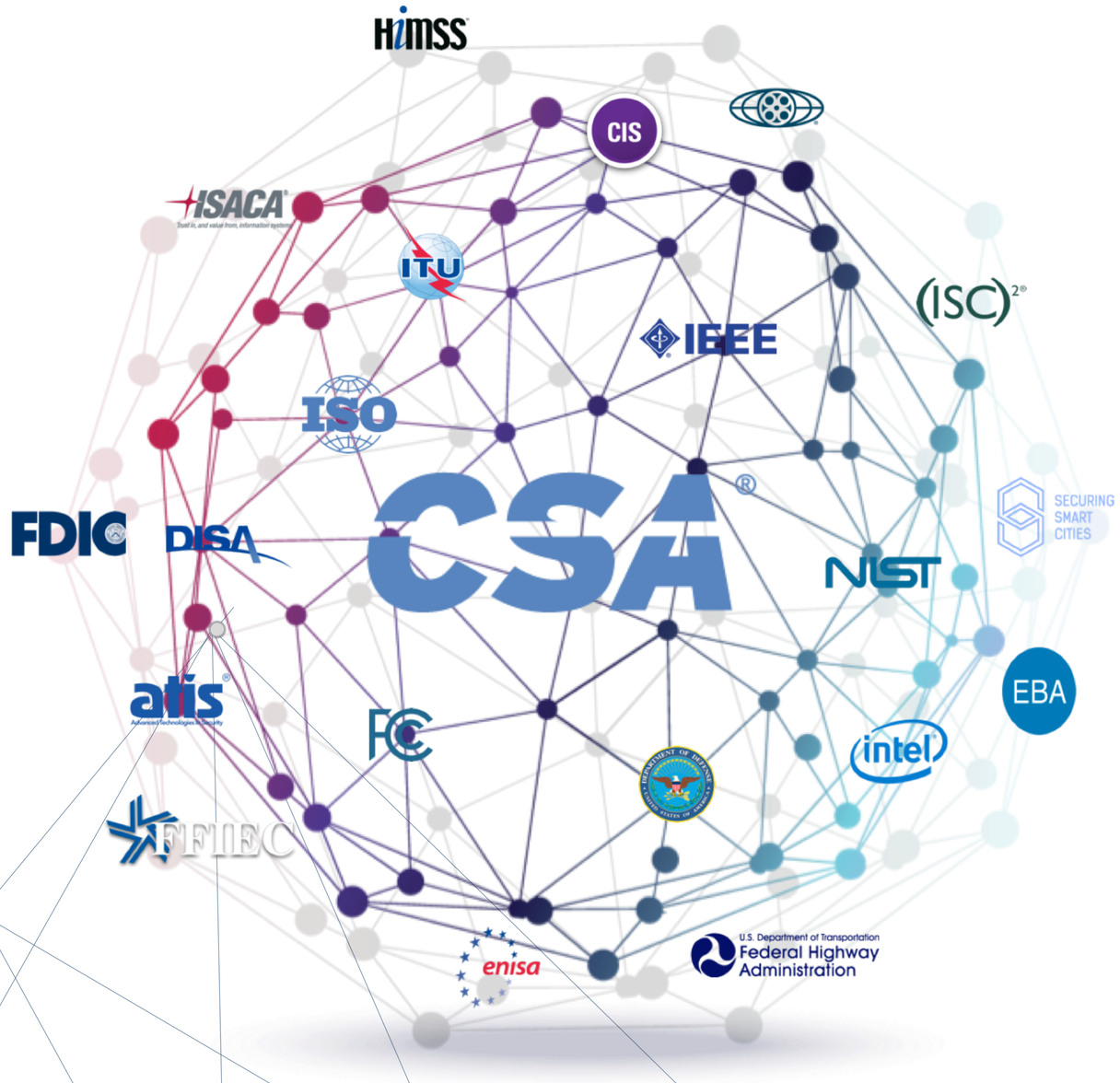
- Provide CSPs a tool to achieve EU DATA PROTECTION compliance & demonstrate it through certification

- Provide cloud customer with a tool with to evaluate the level of CSP data protection compliance

Bringing trust to Cloud



Industry Collaboration



FORMAL:

- ISO/IEC JTC 1 – IT and Cloud Security Techniques
- ITU-T – Procedures and standards in Telecom
- IEEE – Cybersecurity and Privacy Standards Committee
- NIST – Cloud Security Working Group
- FCC - Technological Advisory Committee on IoT
- DISA DoDIN (GIG) – Cloud Computing Services Guidance
- DoD IC - Cloud Computing Standards Focus Group
- ATIS - Packet Technology and Systems Committee on 5G
- CIS – Cloud Security Benchmarks
- Cloud Security Industry Summit – Executive Council of Cloud
- ENISA – EU funded research on Risk, Interoperability, SLAs, and more
- ISC2 – Training and Education Partner for Cloud Security Certification
- ISACA – Continuing Education Partner for IT Certification
- CSA Corporate Members – Commissioned work to explore trending topics
- And many others

INFORMAL:
MPAA, Security Smart Cities, US Federal Highway Administration,
HIMSS, HC3, FFIEC, FDIC, OCC, EBA, and more

CONCLUSIONS