Strengthen your agency’s ability to combat malware and threats with behavioral analytics.

**WHAT IS CySA+?**
CompTIA CySA+ is a vendor-neutral IT professional certification that validates successful candidates have the knowledge and skills required to configure and use threat-detection tools, perform data analysis, and interpret the results with the end goal of securing your organization’s applications and systems.

**WHY AN ANALYTICS-BASED APPROACH?**
In 2016, the average total organizational cost for a data breach in the United States was $7.35 million.¹ As attackers have learned to evade traditional signature-based solutions such as firewalls, an analytics-based approach to network defense has become critically important. To mitigate the damage of a threat that hits a network, it takes a focused and skilled analytical approach to tell the difference between false positives and false negatives reported by popular network monitoring tools.

**WHY CySA+?**
Skyrocketing volumes of increasingly sophisticated attacks mean that protecting networks today requires well-trained IT staff that know how to read the data, put it in context, and use it to help build an effective security strategy.

With its in-depth scenario- and performance-based questions, the CySA+ exam tests to make sure that your IT staff can think critically about the data that is in front of them.

**WHO IS CySA+ FOR?**
CySA+ is for government IT workers and contractors that want to apply behavioral analytics to negate network threats, and secure and protect applications and systems.

CySA+ is accredited by ANSI to show compliance with the ISO 17024 Standard. It is also approved by the DoD for Directive 8140/8570.01-M for the five job roles listed to the right.

**CySA+ Domains and Percentage of Exam Content:**

<table>
<thead>
<tr>
<th>Domain</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0: Threat Management</td>
<td>27%</td>
</tr>
<tr>
<td>2.0: Vulnerability Management</td>
<td>26%</td>
</tr>
<tr>
<td>3.0: Cyber Incident Response</td>
<td>23%</td>
</tr>
<tr>
<td>4.0: Security Architecture and Tool Sets</td>
<td>24%</td>
</tr>
</tbody>
</table>

¹ Source: 2016 Cost of Data Breach Study by IBM and Ponemon Institute
CySA+ is a vendor-neutral certification for IT professionals looking to gain IT security analyst skills, and for those following CompTIA’s recommended skills pathway to achieve cybersecurity mastery. Along with CompTIA PenTest+ (coming in 3Q 2018), CySA+ provides a bridge from CompTIA Security+ to CompTIA Advanced Security Practitioner (CASP).

As part of the CompTIA Continuing Education program, CySA+ certification is valid for three years from exam pass date and can be renewed through pre-approved renewal options. CySA+ includes multiple-choice and performance-based questions that require each individual to perform in a simulated environment. While there is no prerequisite, CySA+ is intended to follow CompTIA Security+ or equivalent experience and has a technical, hands-on focus.

CySA+ certified candidates have the knowledge and skills to

- **Configure** and use open-source detection tools,
- **Perform** data analysis, and
- **Interpret** results to identify vulnerabilities, threats, and risks to an organization with the end goal of securing and protecting applications and systems within an organization.

**With Vulnerability Analyst**

**With Threat Intelligence Analyst**

**With Security Engineer**

**With IT Security Analyst**

**With Cybersecurity Specialist**

**With Security Operations Center (SOC) Analyst**

**With Network+**

It is recommended that CompTIA CySA+ candidates have Network+, Security+, or equivalent knowledge and a minimum of 3-4 years of hands-on information security or related experience.

Learn more about CySA+ at Certification.Comptia.org/certifications/cybersecurity-analyst

CompTIA is the world's largest provider of vendor-neutral certifications. CompTIA certifications are developed with the support of leading technology companies and organizations and validated by industry experts around the world.