

IBM z/OS Authorized Code Scanner & Monitor Solution Brief

Use Cases for Cybersecurity are called Risks

USD 4.45 million

The global average cost of a data breach in 2023 was USD 4.45 million, a 15% increase over 3 years.

51%

51% of organizations are planning to increase security investments as a result of a breach, including incident response (IR) planning and testing, employee training, and threat detection and response tools.

See the report:

<http://www.ibm.com/security/data-breach>



Cybersecurity Guidance on Integrity

Keeping enterprise IT systems secure is critical.

[IBM Z Pervasive encryption](#), [IBM RACF® for z/OS®](#), and [IBM Z Multi-Factor Authentication](#) are just a few examples of differentiating enterprise security function available on the IBM Z® platform...

They all rely upon system integrity.



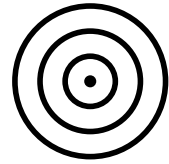
IBM z/OS Authorized Code Scanner (zACS)

The IBM z/OS Authorized Code Scanner (zACS) is a priced feature of z/OS version 2 release 4 and above to help support clients in their efforts to strengthen the security posture of the z/OS.

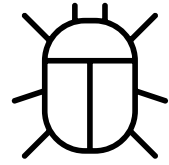
The scanner searches for potential vulnerabilities within the Authorized Program Facility (APF) code libraries.

The APF includes z/OS programs from:

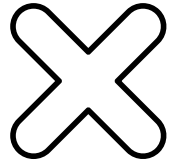
- IBM
- z/OS vendor code
- In-house code specific to a client's enterprise



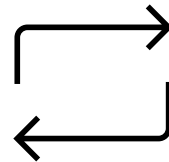
Target



Bug



Delete

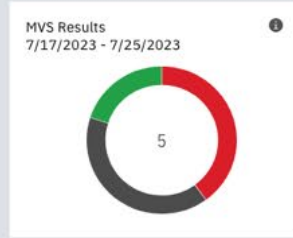
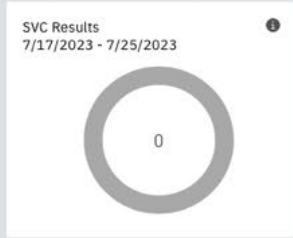
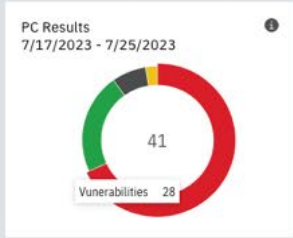


Repeat

zACS' z/OSMF plugin*

Test and View Scan Results

Run scan and view the results for PCs, SVCs, USS Programs and MVS Programs.



Run Scan

Test PCs, SVCs, MVS Programs and USS Programs for potential vulnerabilities.

Scan Now

[View Raw Report](#)

- Test Result for PCs
- Test Result for SVCs
- Test Result for USS Programs
- Test Result for MVS Programs

Search

PC Number	Timestamp	Test Type	Last Test Result	CVSS Score	Vulnerability Type
0000000D	07/17/2023, 09:46:22 AM	Basic	Pass		
0000000D	07/17/2023, 09:52:46 AM	Advanced	Pass		
00180700	07/17/2023, 10:39:26 AM	Basic	Potential Vulnerability*	8.8	ABEND
00180700	07/17/2023, 10:39:26 AM	Basic	Potential Vulnerability*	8.8	ABEND

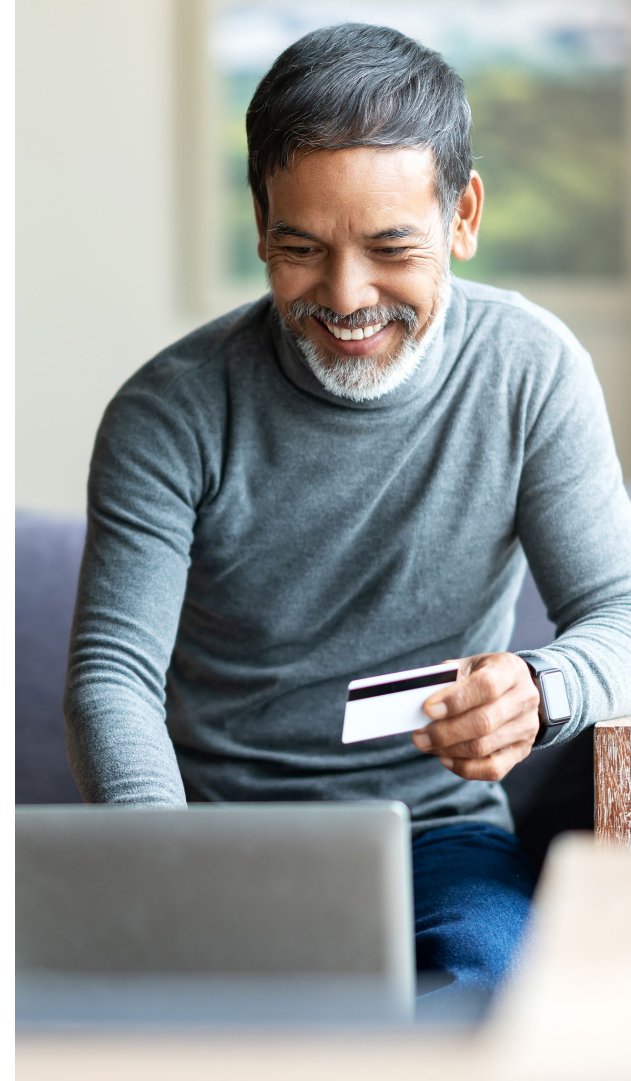
zACS' functional overview

Dynamic z/OS Authorized Code Scanning

- *Basic & advanced levels of testing for PCs & SVCs*
- *AC(1) parameter testing for batch and USS environments*
- *Visual z/OSMF experience providing diagnostics for remediation*

Persistent z/OS Authorized Code Monitor

- *Feeds off z/OS recovery processing non-invasively*
- *Designed to run on production systems*
- *Can automatically capture dumps for problem analysis*



Learn more

Find out how the IBM z/OS Authorized Code Scanner (zACS) can help increase the security posture of your enterprise.

zACS documentation: ibm.biz/zacsdoc

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