

ACCESS INFORMATION CENTER

Access, visibility, and control for unstructured data



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The Access Information Center (AIC) is the simplest way to understand and govern access to unstructured data. As part of Stealthbits' suite of Data Access Governance solutions the AIC delivers Dynamic Audit Reporting including real time search and data inspection, Entitlement Reviews and Self-Service Access Requests. If you need to determine who has access to a particular resource, see what employees are doing with their access privileges, or attest to Active Directory security group membership, the AIC has you covered.



ACCESS AUDITING

The Problem – Your organization's inability to ensure security over Active Directory, Unstructured Data, and the sensitive content that exists across File Shares and SharePoint sites.

The Challenge – Answering critical questions like:

- Do you know where users and groups have been granted access across your enterprise?
- Can you track what they are doing with that access?

The Solution – The Access Information Center

- Through the AIC, search by user, group, or resource for complete visibility into:
 - What permissions have been granted
 - How it all translates into "effective access", identifying who has what level of access, based on permissions and group membership
 - What actions users are taking against your sensitive unstructured data, through detailed reports

Server Name	Name	Description	Count
sbcloudlab.com	Circular Nesting	Groups with circular nesting	4
sbcloudlab.com	Weakly Nested	Groups with more than 1 levels of membership	10
sbcloudlab.com	Delegable Admins	Weak passwords susceptible to brute force attacks	34
sbcloudlab.com	Empty Group	Groups that contain no members	16
sbcloudlab.com	Empty Password	Weak passwords susceptible to brute force attacks	4
sbcloudlab.com	Historical SID Tampering	Users who have a historical SID from their current domain	1
sbcloudlab.com	Large Groups	Groups with more than 10 effective members	13
sbcloudlab.com	Password Never Expire	Weak passwords susceptible to brute force attacks	37
sbcloudlab.com	Password Not Required	Weak passwords susceptible to brute force attacks	4
sbcloudlab.com	Shares Common Password	Weak passwords susceptible to brute force attacks	194
sbcloudlab.com	Single Member Group	Groups that contain a single member	7
sbcloudlab.com	Stale Membership	Groups where all members are stale	29

Trustee Name	Group/Resource Name
SBCLLOUDLAB\Administrator-SB	CN=Administrator-SB,CN=Users,DC=sbcloudlab,DC=com
Bob Baker	CN=Bob Baker,OU=IT,OU=Departments,DC=sbcloudlab,DC=com
Bob Baker	CN=Bob Baker,OU=InformationSecurity,OU=Departments,DC=sbcloudlab,DC=com
David Simpson	CN=David Simpson,OU=InformationTechnology,OU=Departments,DC=sbcloudlab,DC=com
SBCLLOUDLAB\Guest	CN=Guest,CN=Users,DC=sbcloudlab,DC=com
Mark Richmond	CN=Mark Richmond,CN=Users,DC=sbcloudlab,DC=com

Resource Audit: Provides visibility into scanned domains and toxic conditions

The screenshot displays the stealthAUDIT web interface. The main table lists group accounts with columns for Group Account, Domain Name, Group Scope, Group Target, Membership, and Description. The selected group is 'SBCLLOUDLAB\F3_F502_development_development_RWD'. Below this, a detailed view for the user 'BonnieSkelly' is shown, including a table of membership paths and a list of group members on the right sidebar.

Group Account	Domain Name	Group Scope	Group Target	Membership	Description
Administrators	F502	Local Group	None	Nested	
F502Administrators	F502	Local Administrators	None	Nested	
Information Technology	sbccloudlab.com	Global	Security	Direct	
Remote Desktop Users	F502	Local Group	None	Nested	
SBCLLOUDLAB\Domain Users	sbccloudlab.com	Global	Security	Direct	All domain users
SBCLLOUDLAB\F3_F502_development_development_RWD	sbccloudlab.com	Domain Local	Security	Direct	
SBCLLOUDLAB\Remote Desktop Users	sbccloudlab.com	Domain Local	Security	Nested	Members in this group are granted the right to logon remotely
Users	F502	Local Group	None	Nested	

Trustee Audit: Return detailed information pertaining to a specific Active Directory user, including activity details and statistics, AD Attribute Changes, permissions effective access to systems across the enterprise, AD group membership, and permissions on the users AD account (e.g. who has the ability to reset the user's password?)



ENTITLEMENT REVIEWS

The Problem – In order to secure your organization's most critical assets, you need to ensure the right people have the right access to critical resources. Traditionally, it has been left up to IT to determine who should and who should not have access. But, how does IT know who should have access if they are not the owners of that resource?

The Challenge – Removing IT from the equation and putting the access review process in the hands of the resource owners, allowing them to determine who should have access to their resource (i.e. AD group, file share, sharepoint site, etc.).

The Solution – The Access Information Center

The AIC offloads the burden of determining “who should have access” from the IT organization to the data custodians and business managers who actually own the resource.

Through the AIC, you can perform periodic and ad-hoc Entitlement Reviews to ensure access is granted appropriately.



SELF-SERVICE ACCESS

The Problem – Traditionally, IT has been tasked with the responsibility of handling all access requests to data and resources, resulting in downtime due to other priorities or incorrect access privileges being granted, opening the door to unwarranted risk.

The Challenge – Enabling end-users to request access to resources like AD groups, file shares, or SharePoint sites directly from resources owners, without IT’s involvement.

The Solution – The Access Information Center

The AIC automates the access request process without the risk of elevating domain credentials:

1. Users request access
2. Owners review requests and grant or deny access to their resource
3. The AIC processes the owner’s decisions, successfully removing the burden from IT



I see everything I need in the AIC that will make it very easy to keep our access request process going and make it easy for the end-users.”

- Senior Security Systems Engineer,
Large Financial Institution , Minnesota



CUSTOMER SUCCESS STORY

Who	\$6B subsidiary of multinational chemical corporation specializing in agricultural chemicals and biotechnology solutions
Main Challenge	Passing future audit requirements. This organization had failed prior audits due to the lack of management of access to sensitive unstructured data in their File Systems and SharePoint sites.
Their Vision	Wanted to manage all access through AD groups. This organization first wanted to be able to report on who has access and how access was granted, and then set up an Entitlement Review process so business owners could manage access to their data.
Their Results	<ul style="list-style-type: none">• Using reports from the AIC, determined who had direct access to unstructured data• Cleaned up inappropriate access• Successfully implemented an Entitlement Review process
Right now	Leveraging the Entitlement Review workflows to manage and review access to unstructured data in File Systems and SharePoint sites and preparing for their follow-up audit.

NEXT STEPS



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IDENTIFY THREATS. SECURE DATA. REDUCE RISK.

Stealthbits Technologies, Inc. is a customer-driven cybersecurity software company focused on protecting an organization's sensitive data and the credentials attackers use to steal that data. By removing inappropriate data access, enforcing security policy, and detecting advanced threats, our highly innovative and infinitely flexible platform delivers real protection that reduces security risk, fulfills compliance requirements, and decreases operational expense.

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