Active Directory Security Configuration Posture Assessment

Overview of Analysis

Active Directory is central to identity and access in most enterprise environments, yet its complexity often conceals critical security misconfigurations. The HUME-IT Active Directory Security Configuration Posture Assessment (AD-SCPA) is designed to expose and resolve these vulnerabilities before they can be exploited. This assessment provides a comprehensive review of your AD environment, empowering your team to remediate issues that create unnecessary risk and weaken administrative controls.

HUME-IT delivers a clear, risk-aligned view of Active Directory posture and offers custom, actionable recommendations based on field-validated best practices. Whether supporting audit readiness, improving internal controls, or preparing for a broader security initiative, the AD-SCPA equips organizations with the clarity they need to secure this foundational platform.

Assessment Focus & Methodology

The AD-SCPA is built using the HUME-IT model, a proven, real-world methodology refined through assessments of government, healthcare, and Fortune 100 environments. Our evaluation framework includes alignment with industry compliance and security standards relevant to your sector, while maintaining platform specificity. We collect and analyze configuration data non-invasively, validate findings through structured interviews, and deliver a custom report with criticality ratings, remediation guidance, and supporting reference data.

Key Benefits

- Strengthens privileged access controls and policy enforcement
- Reveals hidden trust misconfigurations and delegation weaknesses
- Supports audit preparation and compliance mapping
- Aligns GPO and OU structure with security best practices
- Provides actionable guidance tailored to your specific environment

What We Evaluate

- Forest and domain configuration, including trust relationships, AD sites, and domain controller settings.
- Group Policy Object (GPO) permissions and audit policy settings,
- Analyze administration and service account usage, and
- Review organizational unit (OU) permissions to identify over-permissioned accounts or vulnerable delegation paths.

Every discovery is tied to its potential risk impact and remediation feasibility.

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info@humeit.com

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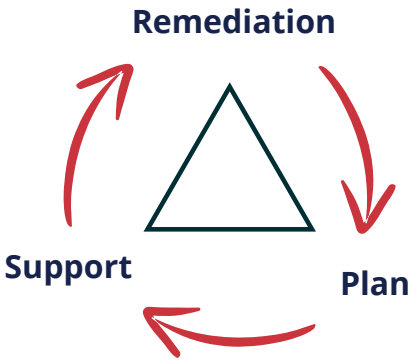

Remediation Support and Validation

After an assessment, HUME-IT can support you with targeted remediation guidance, hands-on help where needed, and validation that changes were implemented securely.

Fortifying Modern Platforms with Human Understanding

Offering more than just assessments; we deliver expert insight into your platform's security posture. Our services are designed to uncover real risks, guide secure implementation, and validate remediation efforts through a flexible, research-driven model.

Our Process

At HUME-IT, our engagement process is structured, collaborative, and designed to minimize disruption while maximizing value.

Discover **Analyze** **Report** **Review**

We are dedicated to providing innovative, proactive cybersecurity solutions tailored to your organization's unique needs.

Our team of experts is ready to help secure your IT infrastructure, mitigate evolving threats, and ensure compliance with industry standards.

Get in touch with us today to learn how we can fortify your digital environment and support your ongoing security strategy.

Confidently Secure Your Environment

Contact HUME-IT today to schedule your AD-SCPA and gain visibility into the risks and opportunities within your Active Directory environment.

Security Expertise Where it Matters Most

- Helping organizations identify vulnerabilities,
- Strengthen compliance, and
- Implement real-world security solutions for Microsoft, VMware, and cloud environments.

Why HUME-IT?

Our team brings over two decades of hands-on experience securing Active Directory infrastructures. We prioritize practical guidance and tailored analysis over generic checklists, providing results that are both technically accurate and operationally relevant. Every recommendation is mapped to your environment, your risk exposure, and your capability to act.

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Microsoft Entra ID Security Configuration Posture Assessment

Need a Roadmap?

Microsoft Entra ID is Microsoft's cloud-based identity and access management (IAM) solution for both cloud and on-premises environments. It facilitates secure authentication, authorization, and access control across a wide range of enterprise systems and services. However, rapid adoption and a broad set of configuration options can introduce misconfigurations, excessive privileges, and external access risks.

The HUME-IT Microsoft Entra ID Security Configuration Posture Assessment identifies these weaknesses by performing structured analysis of your identity configuration, focusing on enforcement gaps, privilege misuse, and overly permissive application consent. The outcome is a prioritized remediation roadmap that strengthens identity governance and supports long-term resilience across your IT environment.

Assessment Focus & Methodology

This assessment is built on HUME-IT's platform-specific methodology, designed for identity-centric cloud environments. It combines architectural insight with compliance-aware evaluation to analyze Entra ID tenant configurations. Using secure data collection techniques, we conduct a structured review across key identity categories. Findings are prioritized by risk level and accompanied by actionable recommendations for remediation, modernization, or policy refinement. Where applicable, guidance is mapped to established security and compliance frameworks.

Key Benefits

- Reduces identity-based attack paths and cloud access risks
- Identifies excessive privileges and insecure admin configurations
- Strengthens conditional access, MFA, and role-based access policies
- Evaluates risk exposure from app integrations and tenant-wide permissions
- Aligns Entra ID configurations with security and compliance expectations

What We Evaluate

- Privileged identity roles
- Conditional access policies
- Application registration
- Consent settings
- Guest access controls
- Device compliance enforcement
- Mailbox permissions

What We Examine

- User-driven access mechanisms
- System-based access mechanisms
- Weak policies
- Over-extended privileges
- Security misalignments

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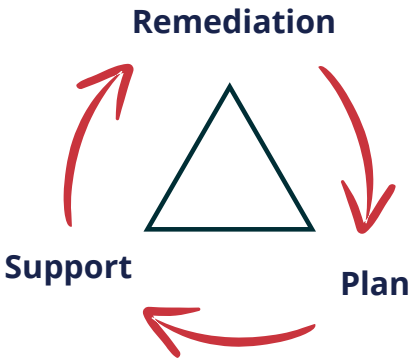

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Confidently Secure Your Environment

Schedule your MS-EID-SCPA with HUME-IT to gain actionable insights into the security of your Microsoft cloud identity platform.

Security Expertise Where it Matters Most

- Helping organizations identify vulnerabilities,
- Strengthen compliance, and
- Implement real-world security solutions for Microsoft, VMware, and cloud environments.

Why HUME-IT?

We bring expert-level understanding of Microsoft Entra ID and cloud identity controls, supported by decades of experience designing and securing enterprise environments. Our analysis reflects real-world exposure, not theoretical best practice. We help organizations prioritize what matters most and avoid common pitfalls in identity and access management.

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info@humeit.com
www.humeit.com

VMware vSphere Security Configuration Posture Assessment

The Heart of the Matter

Your virtual infrastructure is the heart of your data center — and attackers know it. Misconfigured ESXi hosts, overly permissive access roles, and underutilized security features create silent exposure that can persist for years. HUME-IT's VMware vSphere Security Configuration Posture Assessment (VM-SCPA) uncovers these vulnerabilities and provides focused recommendations to secure your vSphere environment from the inside out.

This targeted security assessment focuses on core elements such as host configurations, vCenter access controls, network policies, and VM protection settings. It helps your organization leverage its existing platform investments to create a stronger, more defensible virtualization layer.

Assessment Focus & Methodology

HUME-IT's evaluation model for vSphere environments has been developed through extensive hands-on experience across enterprise and regulated environments. Our assessment includes alignment with platform-specific best practices, security hardening guides, and compliance-relevant controls. We analyze host and management plane configurations using both tooling and manual validation, and deliver clear, risk-prioritized reporting with actionable steps. Our approach ensures findings are accurate, license-aware, and realistically scoped for remediation.

Key Benefits

- Identifies misconfigurations that enable lateral movement or privilege escalation
- Assesses host and vCenter access controls against security best practices
- Reviews VM templates, isolation settings, and encrypted configuration
- Supports SIEM integration and audit logging for infrastructure visibility
- Provides remediation guidance tailored to your license level and deployment model

What We Evaluate

- Host-level configuration (including Secure Boot, lockdown mode, and SSH),
- vCenter role and permission design,
- nNetwork policy enforcement,
- Audit logging,
- VM template security, and
- VMX configuration settings.

We evaluate how vSphere features are deployed and where additional security value can be realized based on current entitlements.

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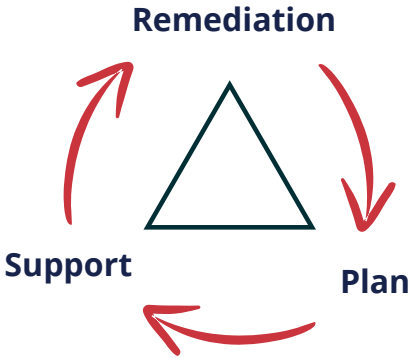

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Confidently Secure Your Environment

Schedule a VM-SCPA with HUME-IT to uncover critical risks in your vSphere deployment and begin building a stronger virtualization security posture.

Security Expertise Where it Matters Most

- Helping organizations identify vulnerabilities,
- Strengthen compliance, and
- Implement real-world security solutions for Microsoft, VMware, and cloud environments.

Why HUME-IT?

Our team has deep VMware security experience in high-scale environments — including telecom, finance, and federal data centers. We understand the challenges of securing production infrastructure while maintaining stability and performance. Our assessment is focused, evidence-based, and customized to your deployment.

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