Facilitate Trusted Qualys Vulnerability & Compliance Scanning with CyberArk Application Identity Manager™

Using Qualys integration with CyberArk Application Identity Manager, credentials management is simplified as customers no longer need to store and manage their passwords, private keys and certificates within Qualys to perform authenticated scans. This significantly reduces the complexity of credential management because credentials are centrally managed in the CyberArk solution. Organizations can automatically rotate passwords, private keys and certificates based on their security policy, eliminating the need to manually update credentials within the Qualys platform. Further, running credentialed-protected scans yield deeper, more accurate scan results.

Simplified privileged credential management and improved compliance

Internal policies and many regulatory requirements such as those in PCI, SOX, and HIPAA, require full accountability and traceability of all credential use. By storing privileged credentials used by Qualys Vulnerability and Compliance Scanning solution in CyberArk, organizations increase security and can enforce their security policies by automating credential rotation, centrally storing and managing credentials, and fully auditing credential use. Centralized management also makes it easier to update credentials, significantly reducing the potential for human error that can occur when manually maintaining credentials in the Qualys platform.

Facilitates secure scanning, Resulting in better discovery and prioritization

When a trusted scan is performed for vulnerability or compliance assessment, the Qualys scanner logs into the target machine and reads configuration data such as registry values, configuration files/ settings, and software inventory details. Qualys uses the configuration data to verify vulnerabilities and make sure configuration settings meet minimum required standards. By leveraging CyberArk automated credential rotation capabilities, which updates and synchronizes privileged account credentials at based on policy, there is never a fear of the Qualys scanner re-using unprotected credentials. This significantly improves security and facilitates wider adoption of credentialed scanning. By leveraging Qualys - CyberArk integration, customers get a better picture of the true state of compliance and vulnerabilities with the added depth of scanning across even the largest environments.

About CyberArk

CyberArk is the only security company that proactively stops the most advanced cyber threats – those that exploit insider privileges to attack the heart of the enterprise. The company has pioneered a new category of targeted security solutions to protect against cyber threats before attacks can escalate and do irreparable business damage.For more information, please visit www.cyberark.com

HOW IT WORKS:

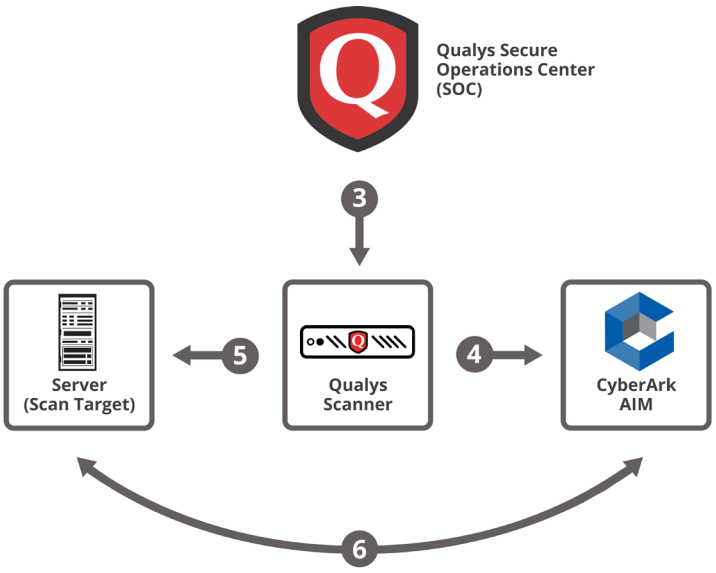


Figure 1: Workflow of the integration between Qualys and CyberArk Application Identity Manager™

BEFORE LAUNCHING THE SCAN

1. User configures the CyberArk solution according to their policies and sets up credentials

2. User configures Qualys to use CyberArk integration by configuring Authentication

LAUNCHING THE SCAN

3. User launches a trusted scan from Qualys

4. The Qualys Scanner Appliance (SA) queries the Central Credential Provider (part of CyberArk Application Identity Manager) for secure credentials retrieval from CyberArk Digital Vault

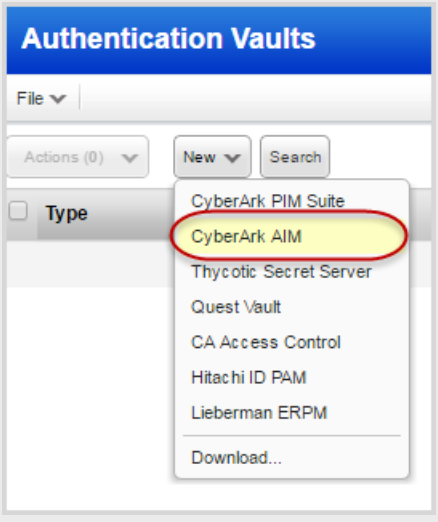
5. The SA scans the target using the credentials (Windows and Unix)

6. Audit/control/policy enforcement using CyberArk Application Identity Manager

New Qualys Authentication Vault Record For CyberArk Application Identity Manager

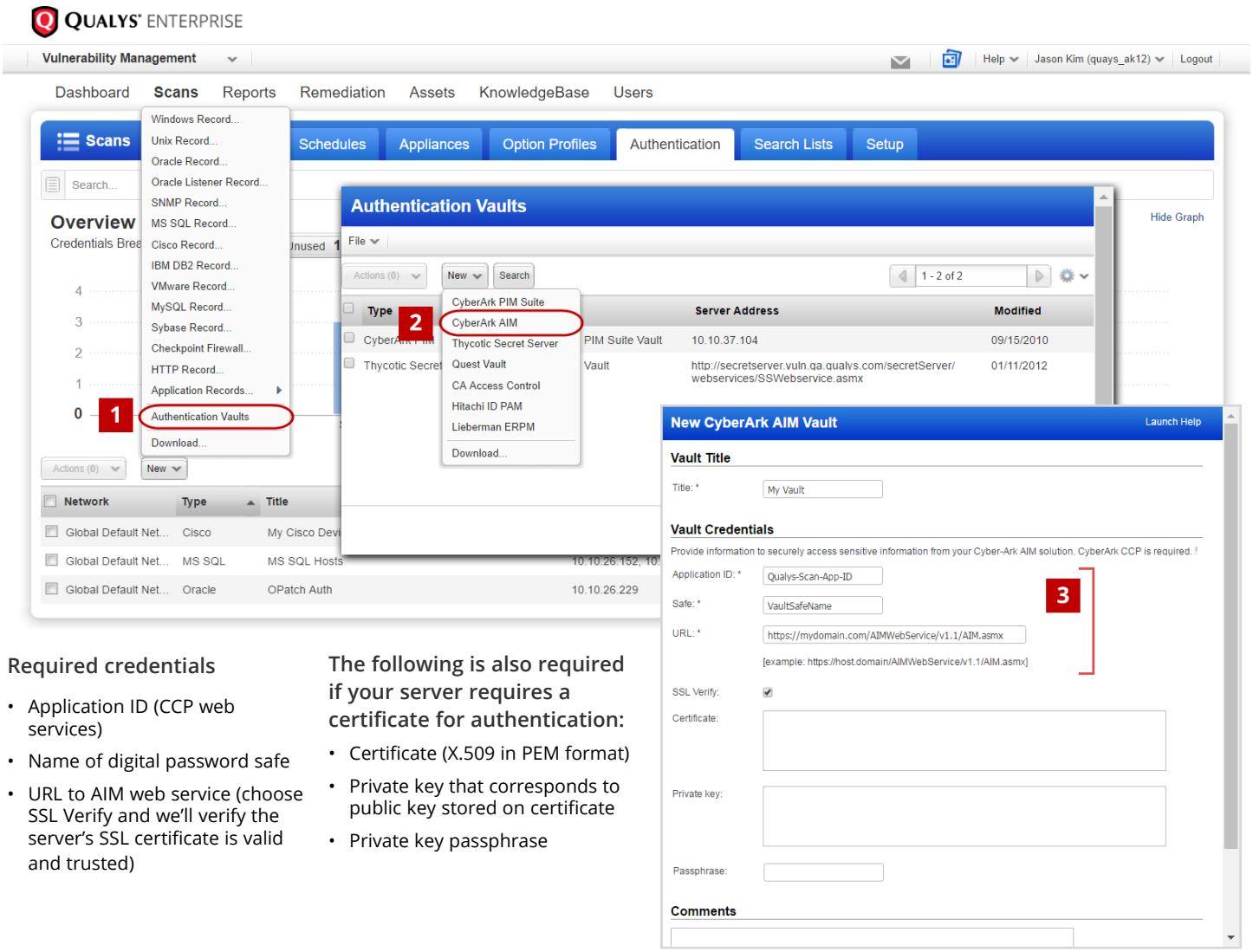
A new authentication vault record type has been added in the Qualys Suite for CyberArk Application Identity Manager. This new integration can be used to securely retrieve privileged credentials at scan time and supports a variety of authenticated scans for Windows, Unix, and other operating systems and applications. We support the following authentication types:

- **Windows** - Password-based credentials.
- **Unix** - Password-based credentials, Private Key, Private Key Passphrase
- **Other** - Password-based credentials for Cisco, Checkpoint Firewall, Oracle, Oracle Listener, IBM DB2, MS SQL, Sybase, MySQL and VMWare



How do I get started?

Configure your CyberArk authentication vault (vault credentials), configure authentication records for your authentication types (safe location in CyberArk AIM), and start your scans. That's it!



Required credentials

- Application ID (CCP web services)
- Name of digital password safe
- URL to AIM web service (choose SSL Verify and we'll verify the server's SSL certificate is valid and trusted)

The following is also required if your server requires a certificate for authentication:

- Certificate (X.509 in PEM format)
- Private key that corresponds to public key stored on certificate
- Private key passphrase

Figure 2: Qualys easy configuration to create a new CyberArk authentication vault

About Qualys

Qualys, Inc. (NASDAQ: QLYS) is a pioneer and leading provider of cloud-based security and compliance solutions with over 9,300 customers in more than 100 countries, including a majority of each of the Forbes Global 100 and Fortune 100. The Qualys Cloud Platform and integrated suite of solutions help organizations simplify security operations and lower the cost of compliance by delivering critical security intelligence on demand and automating the full spectrum of auditing, compliance and protection for IT systems and web applications. Founded in 1999, Qualys has established strategic partnerships with leading managed service providers and consulting organizations including Accenture, BT, Cognizant Technology Solutions, Deutsche Telekom, Fujitsu, HCL, HP Enterprise, IBM, Infosys, NTT, Optiv, SecureWorks, Tata Communications, Verizon and Wipro. The company is also a founding member of the Cloud Security Alliance (CSA). For more information, please visit www.qualys.com.

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