**Final Analysis and Recommendations**

# Executive Summary

The purpose of this vulnerability scan is to gather data on Windows and Linux Operating systems, as well as user accounts in the **“ClientDomains”** domain in the 10.10.1.1/24 subnet. Of the hosts identified, 30 user accounts and 30 systems were found to be active and were scanned.

# Scan Results

Results from the raw scan will be provided upon delivery.

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# Findings

There are 10 Identities that are not compliant with the password policy. **Users***: Othy1935, Hustry, Laine1948, Thfuld51, Nessichaved, Meman1989, Heach1976, Asaing, and Hime1979* **do not meet complexity or length requirements**. **Users**: Meman1989, Asaing, and **Hime1979 have exceeded the maximum password age requirement**.

**False positive** result on user *Chustered1993*; User is flagged as noncompliant.

There are 18 systems running **Windows Server 2012**.

1 system, *System XPAccountingDeptMaster*, was last updated **7/20/2013**.

4 systems **lack secure/standard naming**.

* + **Systems:** *WinServ2012BudgetDept, WIN\_SENSITIVE\_CEO001, XPAccountingDeptMaster, SQLSRVSENSITIVE001*.

# Remediation

To increase password policy compliance, the following identities should change passwords to include at least 12 characters containing upper and lowercase, numeric, and special characters: *Othy1935, Hustry, Laine1948, Thfuld51, Nessichaved, Meman1989, Heach1976, Asaing, and Hime1979*.

Assess the operational needs of the organization to determine if upgrading outdated machines from Windows Server 2012 to Windows 2019 is feasible without threatening availability or compromise of current services. *XPAccountingDeptMaster* also requires a system update.

Consider more secure standard naming for the following systems: *WinServ2012BudgetDept, WIN\_SENSITIVE\_CEO001, XPAccountingDeptMaster, SQLSRVSENSITIVE001*; Current identification could lead a potential attacker to sensitive systems. NIST IR 7693 serves as a good reference for Asset Identification.