NetworkingPS Identity Correlation Solution

IDMetacon

A revolutionary new software solution that automatically finds, analyzes, and organizes the identities of users in relation to every account that could be tied to that user's identity.

THE PROBLEM WITH PROGRESS

One of the biggest issues facing companies today lies in the manual and often tedious task of matching disparate application user identities with the actual people who are associated with them. It is a common best practice and frequent compliance necessity for organizations to ensure the integrity of each user across all systems, which makes the matching and evaluation of user identities mandatory as a precursor to any project that affects multiple systems and as a general best practice for any organization.

Organizations are now frequently expanding through mergers and acquisitions, increasing the complexity of business processes, policies and procedures as a result. The business pressures and technological innovations that naturally follow from such growth require a continual cycle of building, adding and changing IT applications to stay current. As a consequence of all this change, account identities begin to serve as a homing device, pinpointing where people are in the organization and what they do within it.

Unfortunately, as an outcome of these events, users are constantly changing roles and moving to different parts of the organization. At the same time, each new application that is added produces whole new IDs with unique syntax requirements. The same issues that make identities so crucial simultaneously make identity data more convoluted and far less accurate.

Some identities become redundant, others in violation of application-specific or more widespread departmental policies, and still others simply no longer applicable for a certain environment. Projects that span different parts of the organization or focus on more than one application become incredibly cumbersome because user identities are not organized or properly recognized.

Most projects utilize many different back-end applications and platforms, all of which have various access rights tied to specific user identities. As most administrators of any particular application are aware, there is a standard nomenclature that is assigned to those user identities; syntax usually specific to that application, which will ensure a unique identification methodology. ID requirements are usually very specific to each system and can range in character length, rely or restrict the presence of symbols and/or numbers, as well as place requirements on the order of first name and surname.

With such diversity within application-based user ID formats, organizations often end up with many different user identities for each individual user, with many of those IDs being very dissimilar from each other, despite the fact that they all actually root back to the same user.

These inconsistencies typically remain unchecked and unmonitored until an organization decides to incorporate something new into its user environment.

FINDING THE NEEDLE IN THE HAYSTACK

NPS IDMetacontrol (IDMetacon) addresses the critical need for corporations to ensure consistency when referring to the same user accessing disparate systems with different user ID formats.

IdMetacon is a software solution that automatically finds, analyzes, and organizes the identities of users in relation to every account that could be tied to that user's identity within every system the client chooses to evaluate. Until now, identity organization was a problem with only a time-consuming, manual work-around. IdMetacon automates this process, while also creating a unique "common identifier" for every user, so each system ID is ultimately associated with the right individual.

The best way to understand this concept is by reviewing a common use case scenario. In this example, Company ABC has a user named Paul Smith, who is a full-time employee within the company. Paul is a database administrator with access rights to various back-end systems. However, each system has its own unique ID syntax. Below is a sample of some of Paul's user ID logins:

Application	**UserName**
Active Directory	psmith
RACF	Paul_Smith
UNIX	Smith_Paul,
Oracle	Paul.A.Smith
Lotus Notes	psmith23
SAP	admin5467

NPS IDMetacon uses advanced analytics to determine the probability of certain user identities mapping to the same individual and assesses the validity of the accounts in question, so organizations can quickly determine defunct or orphan user IDs.

As a result of this data analysis, IDMetacon can also pinpoint and flag typos that were caused during the manual input of usernames for new users of applications. Typically, a local application administrator or HR representative will manually key in information about a new user. Inevitably, typos will occur and username syntax rules will be broken, yet ignored or missed. As a result, some users have usernames that are completely against policy. IDMetacon can flag usernames which violate syntax rules for a given application and give organizations the opportunity to remedy those inconsistencies.

IDMetacon's user interface is extremely intuitive, enabling organizations to reduce the task of mapping identities across applications dramatically. Typically, identity consolidation takes corporations months to complete. With IDMetacon, identities can be matched and cleaned up within days, allowing an organization to move forward with new initiatives sooner and faster.

If you would like to hear more about IDMetacon and see a demo of its capabilities, please contact NPS either through our website:

http://www.NetworkingPS.com/IDMetacon.htm or call our toll-free number at (888) 717-4010 and ask for "Security Management Services"

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