PERMISSION ANALYZER V2.3

ARCHITECTURAL OVERVIEW AND SCREENSHOTS

Reports NTFS permissions from the file system combined with user and group data from the Active Directory



PROBLEM DESCRIPTON:

In a Windows environment it is not possible to view file permissions (NTFS) by user or group. This makes it very hard to insure the operational integrity and security of your network.

SOLUTION:

Perdemia has released Permission Analyzer v2, a Windows application that scans your network on NTFS permissions and stores all information in a database. Users can run reports by creating filters that include or exclude members, permissions, files, or folders.

PERMISSION ANALYZER WITH EMBEDDED DATABASE

Use the embedded database to scan NTFS permissions and to create overviews:



PERMISSION ANALYZER WITH A CENTRAL DATABASE

Use a central database server to scan NTFS permissions and to share network data, filter definitions and reports:



PERMISSION ANALYZER WITH SCAN AGENTS

Install Permission Analyzer on each file server and scan files locally while using a central database server to share information:



PERMISSION ANALYZER WITH POWERSHELL SCRIPTS

Run a PowerShell script to export the ACL's to a text file. This text file can be imported into Permission Analyzer

Folders to scan					
Directory path:	c:\temp\	permission_export.	txt		
Subdirectories depth:	0	(0 means unlimited)		
Include files:					
Include inherited permissions: Follow symbolic links:	\square				
Scan local groups on this server:					
				-	- Add ! 👌 Update
Directory path		Depth	Include files	Follow symb. links	Scan local groups
c:) temp\permission_export	t.txt	0	Yes	Yes	No
\smile					
🗹 🏢 Clear all data from the data	abase befor	e scanning		🕑 Test c	directory 💥 Delete

SCANNING THE NETWORK

OPEN THE SCAN VIEW TO ADD DIRECTORIES AND LDAP OU'S

Permission_Analyzer	er, hit per dema (per volanaria) per la face (per volana) fact per a la fore	en e							
File Help									
Folders to scan		🔓 LDAP OU's to scan							
Directory path: Subdirectories depth: Include files: Follow symbolic links: Scan local groups on this set	🕇 Add 🖉 Update	LDAP Connection: Global Catalog Ldap container: Search scope: Container and sub containers Search object types: Users and groups LDAP connection LDAP base container Search scope Object types							
Directory path	Depth Include files Follow symb. links Scan local groups	CDAP connection EDAP base container Search scope Object types Image: Display container CN=Dev,OU=Distribution Groups,DC=gp, Container and sub containers Users and groups							
Image: Application of the second s		Container and sub containers Containers							
	Add the network shares or local directories to scan. Optionally, scan the local groups of the server.	Add specific LDAP containers to scan. Determine the depth and the objects to scan.							
Scan results									
Date / time 21-feb-2015 9:05:59 21-feb-2015 9:06:13 21-feb-2015 9:06:13 21-feb-2015 9:06:13 21-feb-2015 9:32:17 21-feb-2015 9:32:17 21-feb-2015 9:45:17 21-feb-2015 9:45:	Message Start scanning directories Done scanning local groups on server dataserver01. Found 53 local groups. Done scanning local groups on server development. Found 33 local groups. Start scanning directory \\dataserver01\projects including all levels of subdirectories Done scanning directory \\dataserver01\projects. Scanned 73256 directories and 236334 files. Start scanning directory \\development\applications including 1 levels of subdirectories Done scanning directory \\development\applications. Scanned 39871 directories and 65391 files. Scanned a total of 113127 directories and 301725 files. Done scanning directories Start LDAP containers Preparing LDAP scan Start scanning users using connection [Global Catalog] and baseDN [CN=Dev,OU=Distribution Gro	Observe the scan progress, warnings and possible errors. Tip: use this list to view the results of a scheduled scan. Scan the network (directories and LDAP containers).							
Image: Construction of the second of the									
🔍 View message details	🔺 Export status list 🛛 😽 Ready to start scanning	🐼 Stop scan							

CONFIGURE MORE LDAP CONNECTIONS IN THE PREFERENCES

33	Network 🔮 Internet 🖂 E-mail 🌲 S	curity 📄 Database 🍥 Advanced	
9	LDAP connections		
	LDAP connection details		
	Connection name:	Primary domain controller	
	Host name:	domaincontroller.domain.com	•
	Host port:	636	•
	Username DN (optional for GSSAPI / Kerberos):	admin@domain.com 😑	
	Password (optional, asked when required):	••••••••• 3) Add and LDAP conne	
	Encryption:	SSL/TLS -	
	Authentication:	Simple	
		🕂 Add 🏾 🧶 U	odate
	Connection name Host name	Host port Username Password Encryption Authentication	
	Primary domain domaincontroller.doma	636 admin@domain.com ******* SSL/TLS Simple	
	1) Configure your domain controllers and/or global catalogs.	2) Configure a bind user and select an authentication type: simple, SASL or Kerberos	Delete

BUILDING THE OVERVIEWS

OPEN THE REPORT VIEW AND BUILD YOUR FILTERS



FILTER FOR MEMBERS



FILTER FOR PERMISSIONS



FILTER FOR FOLDERS



USE THE TRACE VIEW AND VIEW THE ORIGIN OF PERMISSIONS

Permission Analyzer - Consultant edition

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DEFINE REPORTS



EXPORT TO HTML OR CSV

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Trace report displays permission information for	all members that match the selected	l filter c	riteria	a. For e	each r	nembe	r the r	eport v	vill sho	ow all a	oplical	ble Acc	ess Control Entries and where they come from	n, meaning via what group membership.
permissions excluding Read permissions for even	yone in the group Freelancers scope	d to the	e proj	ects fo	lder.									
ters applied:														Column visibility:
 Include (nested) group membership Include all members from the group MYDOM Exclude ACE's that have any of the following Read and execute (allow) List folder content (allow) Read (allow) Include folder \\dataserver01\projects 														 File path Members Permission text Special permission ACE flags Via group
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DEFINE POLICIES TO CHECK FOR UNWANTED PERMISSIONS

Policies						— 🗆	×				
Policies											
A policy is a collection of filters that display unwanted permissions. The difference between a policy and a standard report is that a policy defines a combination of filters that should not yield any results. Should you have any search result items that appear as exceptions, then simply raise the threshold value in the details. Available policies:											
Name	Policy status	Result count	Threshold	Report type	File type	Last run					
Explicit user permissions for the group Intranet Developers	🔺 Failed	10	1	Folders/files and matching group members	HTML with interactive table	okt 12 2016 20:04					
External employees should not have permissions in the Finance Data folder	Passed	12	13	Folders/files and the sum of their permissions	HTML with interactive table	okt 10 2016 20:18					
Only people in the group Human Resources should have permissions in the Employee folder	Passed	0	1	Folders/files and their Access Control List	HTML with interactive table	okt 15 2016 20:04					
Only the network administrators should have access to the file server BACKUP01	Passed	0	1	Folders/files and their Access Control List	UTML with interactive table	old 15 2016 20:04					
					Edit policy details						
				l l	Load policy into application						
					Quickly view policy results						
					Open report file						
					💊 Run policy						
					Open destination folder in Explo	rer					
					Collete policy						

AUDIT DASHBOARD

Permission Analyzer - Consultant edition

Application Help









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