

INSTALLAZIONE DI UN PACCHETTO MSI TRAMITE GROUP POLICY

PASSI DA EFFETTUARE:

- Creazione in AD di un gruppo
- Creazione di una GPO (Group Policy Object) su Group Policy Management
 Identificazione di una share dove copiare il pacchetto d'installazione

NOTE>: E' preferibile installare pacchetti software tramite policy macchina e non policy utente, pertanto nel gruppo di AD creato verranno inseriti oggetti computer.

Procediamo alla creazione del gruppo di sicurezza

v Object - Gr	pup			×
Cre	ate in:	Domair)	n Objects/Workstation Computer Accou	nts
Group n <u>a</u> me:				
Group1				
Group name (p Group1	ire- <u>W</u> indows 2	2000):		
1				
Group scope			Group type	
🔿 D <u>o</u> main k	ocal			
💿 <u>G</u> lobal			O Distribution	
C <u>U</u> niversa	I			
			OK Cano	cel
			Fia.1	

Cliccare su **OK**

Tasto destro, Proprietà sul gruppo creato, selezionare Members



Group1 Properties		? ×
General Members	Member Of Managed By Object Security	1
<u>M</u> embers:		
Name	Active Directory Folder	500
A <u>d</u> d	<u>H</u> emove	
	OK Cancel A	pply
	Fig 2	

Cliccare su Add

Select Users, Contacts, Computers, or Grou	ps ?
Select this object type:	
Users, Groups, or Other objects	<u>O</u> bject Types.
Erom this location:	
	Locations
Enter the object names to select (<u>examples</u>):	
	Check Name:
Advanced	OK. Cancel

Fig.3

Cliccare su Object Types..



Object Types			? ×	
Select the types of objects you want to find.				
Diject types:				
Computers				
M 😰 Users				\bigcirc
		ОК	Cancel	
	Fig.4			•

ð

Selezionare **Computers**, di default non sono inclusi, cliccare su **OK** e inserire il nome del computer su cui si vuole installare il pacchetto software

elect Users, Contacts, Computers, or Groups		? >
Select this object type:		
Users, Computers, Groups, or Other objects		Object Types
From this location:		
		Locations
Enter the object names to select (<u>examples)</u> :		
××××4		<u>C</u> heck Names
1		
Advanced	OK	Cancel
Fig.5		



Group1 Properties		? ×
General Members	Member Of 🗍 Managed By 🗍 Object 🗍 Security 📔 👘	
<u>M</u> embers:		
Name	Active Directory Folder	
	Domain Objects/Workstation Comp	505
Add	<u>R</u> emove	
	OK Cancel Apply	,

Fig.6

Cliccare su **OK**

Procediamo alla creazione della Group Policy

 \oplus

Aprire la Console di gestione





Fig.7

Volendo applicare una una policy a livello macchina, creiamo il GPO sotto **Workstation Computer Accounts** \rightarrow Tasto destro \rightarrow **Create and Link a GPO Here**... (vedi figura in basso).

5



Stroup Policy Managemer	nt	
ිදී <u>Fi</u> le <u>A</u> ction <u>V</u> iew <u>W</u> in	idow <u>H</u> elp	_ 8 ×
← → 🗈 💽 💼 🗙	🗳 🔄 😫 💵	
 ← → È Group Policy Management ← A Forest: ← Domains ← D Domain Base ← D Domain Coni ← D Domain Coni ← D Domain Obje <l< th=""><th>Image: Policy a Policy b Policy trollers ects trative User Accounts toous Objects User Accounts toous Computer Accounts User Accounts</th><th>Personal User Accoun Linked Group Policy OL</th></l<>	Image: Policy a Policy b Policy trollers ects trative User Accounts toous Objects User Accounts toous Computer Accounts User Accounts	Personal User Accoun Linked Group Policy OL
	Block Inheritance Group Policy Modeling Wizard New Organizational Unit New Window from Here	
	<u>D</u> elete Rena <u>m</u> e Re <u>f</u> resh	
Create a GPO in this domain an	Pronerties Fig.8	

New GPO	×
<u>N</u> ame:	New Group Policy Object
	OK Cancel
	Fig.9

Tasto destro sulla GPO → Edit





Tasto destro sulla GPO → Edit

🚡 Group Policy Object Editor		_ 🗆 🗵
<u>File Action View H</u> elp		
New Group Policy Object [to1nets0	🛒 New Group Policy Object	Policy
Software Settings Windows Settings Administrative Templates Software Settings User Configuration Software Settings Windows Settings Administrative Templates	Select an item to view its description.	Name Computer Configuration
T F	Extended Standard	

Tasto destro → Proprietà



🚡 Group Policy Object Editor			
Eile <u>A</u> ction <u>V</u> iew <u>H</u> elp			
New Group Policy Object [Int nets]	🛒 New Group Policy Object	Policy	
Softwarı Export List Window:	elect an item to view its description.	Name Computer Configuration	
Administ Properties		User Configuration	
Erion Softwari Help			
	Fig.12		\sim

Nella maschera che si apre, disabilitare le impostazioni per utente o per macchina a seconda che la policy sia applicata a livello utente o di macchina. In questo caso applicando la policy a livello macchina, disabilitiamo l'opzione utente.

New Group Policy (bject	Policy Pro ?
General Links :	Security WMI Filter	
S New (Group Policy Object []
Summary		
Created:	24/04/2008 16.42.48	
Modified:	24/04/2008 16.42.48	
Revisions:	0 (Computer), 0 (User)	
Domain:	gruppotoro.it	
Unique name:	{03359011-6353-4F40-8600-	42655657BD3C}
Disable To improve perf parts of this Gro Disable Con Disable Use	ormance, use these options to up Policy Object. uputer Configuration settings r Configuration settings	disable unused
	ОК	Cancel <u>A</u> pply
	Fig.13	



Confirm D)isable
1	Disabling part (or all) of this Group Policy Object causes all of the policies it contains to be reversed from the client machine. Are you sure you want to do this?
	Yes No



A livello di **Security**, modifichiamo le impostazioni di default degli **Authenticated Users**, lasciando solo il diritto di **Read**, abiliteremo il diritto di **Apply Group Policy** al gruppo di AD creato precedentemente.

ew Group Policy Object		Policy Pro <mark>?</mark> 🗙	1
General Links Security WMI Filter		New Group Policy	c
Group or user names:			
🕵 Authenticated Users		<u> </u>	
🕵 CREATOR OWNER			
🖉 👧 Domain Admins (GRUPPOTORO\D)	omain Admins)		
🔹 🚮 Enterprise Admins (GRUPPOTORO)	Enterprise Admin	is)	
M ENTERPRISE DOMAIN CONTROL	LERS		
ROUTEN			\square
	A <u>d</u> d	<u>R</u> emove	
Permissions for Authenticated Users	Allow	Deny	
Full Control			
Read	\checkmark		
Write			
Create All Child Objects			
Delete All Child Objects			
Apply Group Policy			
For special permissions or for advanced or	ottingo		
click Advanced.	stungs,	Advanced	
ОК	Cancel	Apply	

Fig.15

Aggiungiamo il Gruppo creato in precedenza in AD e modifichiamo i permessi





Cliccare su **OK**

RAFFAELECHIAT

Nuovamente sulla maschera Group Policy Editor, andiamo ad agganciare il pacchetto MSI

Sotto Software Setting → Software Installation, tasto destro quindi Proprietà

🚡 Group Policy Object Editor		
<u> Eile A</u> ction ⊻iew <u>H</u> elp		
New Group Policy Object [to1nets]	🛒 New Group Policy Object	Policy
Software Settings	Select an item to view its description.	Name
Softw New Mew	_	Computer Configuration
Administra Paste		
⊡ ∰ User Configur Re <u>f</u> resh	_	
🕀 👘 🛄 Windows : 🛛 Properties		
🗄 👘 🧰 Administra 🔤 📙 elp		
	- 	

Fig.17

Impostare le seguenti opzioni come segue:



J	<u>B</u> rowse	
New packages		
When adding new packages to user settings:		
O Display the Deploy Software dialog box		
C <u>P</u> ublish		
C Assign		
Advanced		
Basjc <u>Maximum </u>		
	at 1 Applu	1
Fig.18		

Nel campo Default package location inserire la root del pacchetto (locale o di rete) (vedi figura 18)

RAFFAELECHIATTO



Se si vuole che il software venga disinstallato rimuovendo il computer dal Gruppo, impostare **Uninstall....** (vedi figura 19)

Software installation Properties	×
General Advanced File Extensions Categories	
General Advanced File Extensions Categories Use these options to automatically remove the application when it is no longer managed, publish OLE information in the active directory, and make 32-bit applications available on 64-bit platforms. Image: Im	5
OK Cancel Apply	
Fig 19	

Cliccare su OK

Nuovamente tasto destro su Software Installation → New→ Package..

🚡 Group Policy Object Editor						_ 🗆 🗵
<u>File Action View H</u> elp						
	🔮 💵					
S New Group Policy Object [to1net]	sc Name		Version	Deployment state	Source	
Computer Configuration				There are no items to) show in this view.	
🕀 📄 Windows Settings	<u>N</u> ew ▶	<u>P</u> ackage				
Administrative Template	<u>V</u> iew ►					
🗄 💼 Software Settings	<u>P</u> aste					
	- ·		Fig	.20		

Selezionare il pacchetto MSI



Open	? 🗙					
Look jn:	🕼 Desktop 💽 🕤 😥 📂 🖽 -					
My Recent Documents Desktop My Documents My Computer	My Documents My Computer My Network Places Administrative Tools					
My Network	File <u>n</u> ame:					
	Files of type: Windows Installer packages (*.msi) Cancel					
Fig.21						

Selezionato il pacchetto, si apre una maschera che riporta le impostazioni precedenti, cliccare su OK



🚡 Group Policy Object Editor				_ 🗆 🗙			
Eile Action View Help							
New Group Policy Object [to1nets]	Version	Deployment state	Source				
Computer Configuration	Acrobat 7.0 Prof 7.0	Assigned	\\to1filsrv001\Software\MSI Packag				
Software installation							
Windows Settings							
🖃 🕵 User Configuration							
⊡… Software Settings							

Fig.22

Chiudere la maschera.

Per installare il pacchetto è sufficiente inserire il computer nel gruppo e riavviare il computer.