					1. Creating fake/honey files and deploying them to the a	containing fake cred	entials ions.
		Common locations to find such files are: - C:\sysprep\sysprep.xml - C:\sysprep\sysprep.inf - C:\sysprep.inf - C:\unattend.xml			2. Then, we can monitor acc enabling file system auditing generated 4663 event relate	cess to these files by g and then looking at ed to these files.	first any
	Stored Credentials	 C:\Windows\Panther\Unattend.xml C:\Windows\Panther\Unattend\Unattend.xml Group Policy Preferences (GPP) inside SYSVOI 		Detection	4663(S): An attempt was ma 4625(E): An account failed t	ade to access an obj to log on.	ect. 4663
			J		4776(S, F): The computer at credentials for an account.	tempted to validate	the 4625
					Looking for Sysmon Event IE have a Commandl ine field that corr	D I entries that	
				ſ	like reg add HKLM\SYSTEM\CurrentCont YZ / v ImagePath / d "path_t	r01Set\Services\X to_a malicious	Sysmon Event ID 1
		Local service configuration information are stored in the Windows registry under: - HKLM\SYSTEM\CurrentControlSet\Services.		Detection	executable. exe" and an IntegrityLevel field th something other than High.	nat contains	Sysmon Event ID 13
					Monitoring Sysmon's Event I RegistryEvent (Value Set)	D 13:	
	Insufficiently Secure Service Registry Permissions				Sysmon Event ID Lentries th	at have a	
		Insufficiently Secure Service Permissions			CommandLine field that cor like	ntains something	
		a service's binPath, if the service has been configured with lax permissions.		Detection	sc config "service _ name" b to_a suspicious executable .	inPath= "path exe"	- Sysmon Event ID 1
		If this is the case, attackers will try to introduce their own executable (which will be executed with the service's privileges), via the SC command.	J		or sc start "service _ name" a an IntegrityLevel field that c something other than High.	and ontains	
		When configuring a Windows service, we should be careful to enclose the executable path in guidas. If we don't do so, when this carries is			by checking for Sysmon Eve where ParentImage is C:\ Windows\System32\serv	ent ID 1 entries vices.exe and the	
	Unquoted Service Path	starting Windows will try to locate and execute the executable inside every folder of the specified path until the executable is reached.		Detection	CommandLine's beginning (i end with an extension and is Image path minus the extension	in quotes) doesn't s the same as the sion.	Sysmon Event ID 1
		"C:\Program Files\ATITechnologies\ATI.ACE\Fuel\Fuel.Service.ex e"	J		In addition the CommandLine field should a remaining part of the path a after	also contain the t the end, right	
					Sysmon Event ID 1. Specifica a non privileged process (Int than High)	ally, you will see tegrityLevel other	
ege Escalation	Insufficiently Protected Service Binary	Attackers may have the right to directly replace a service's executable, due to an insufficiently secure configuration.		Detection	dropping an executable into Image path (you should be a paths)	a service's aware of those	Sysmon Event ID 1
					and this executable being ex SYSTEM privileges (you will subsequent Event ID 1 entry)	see that in a	
					Sysmon Event ID 1 Specifica non-privileged process (Inte than High) trying to quietly i MSI	lly, you will see a grityLevel other nstall a remote	
					(CommandLine msiexec.exe http://domain or address/ fi You will also notice an unpri	e /q / l lename.msi). vileged user in	
					the User field.	close in terms of	Sysmon Event ID 1
		AlwaysInstallElevated is policy that allows for the			time) Event ID 1 entry that hat C:\ Windows\System32\msi	as exec.exe	EventID 1
	Always Install Elevated	installation of a Microsoft Windows Installer Package (MSI) with system privileges, by a unprivileged user.	$\Big)$	Detection	specified in the ParentImage see a MSI being installed wit privileges (IntegrityLevel Sys	e field, you will h SYSTEM stem).	
					You will also notice NT Authors the User field.	ority\SYSTEM in	
					Checking for Parent – Child anomalies.	process	
					Specifically, you will most per Sysmon Event ID 1 entry that to a privileged process (Inte System) that has a ParentIm ParentCommandLine of (Win related) and a CommandLine contains cmd.exe or powers	robably see a t is related grityLevel age and ndows Installer- e field that shell.exe.	
	Exploiting the Windows Kernel and 3rd-party Drivers for Privilege Escalation	CVE-2018-8120, which was related to a vulnerability discovered inside the Microsoft Windows Kernel 'Win32k.sys'.	}	Detection	We can detect the exploitation mode (or third-party driver) for privilege escalation purp for medium integrity level purp started with a non-SYSTEM spawned a child process with access.	ion of kernel vulnerabilities oses by looking rocesses that token but h SYSTEM-level	
		Specific Windows privileges can be abused by attackers for privilege escalation purposes.					
		Such privileges are: - SeDebugPrivilege - SelmpersonatePrivilege - SeAssignPrimaryPrivilege - SeTakeOwnershipPrivilege - SeRestorePrivilege - SeBackupPrivilege - SeLoadDriver - Token Privilege		Detection	Sysmon has Event ID 8 to de percentage of code injection	etect a big n attacks.	
	Abusing Windows Privileges for Privilege Escalation	- SeTcbPrivilege	J				
			r R I	Abuses the SeDebug malicious code into process, that is alwa evel privileges.	gPrivilege to inject the winlogon.exe ays running with SYSTEM		 Sysmon Event ID 8 Find the included SourceProcessOprevious Sysmon Event ID 1
		SeDebugPrivilege		njection was perfor CreateRemoteThrea	med through the d function.	Detection	- Find the included TargetProcessG previous Sysmon Event ID 1

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Privilege Escalation

Windows Privi



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