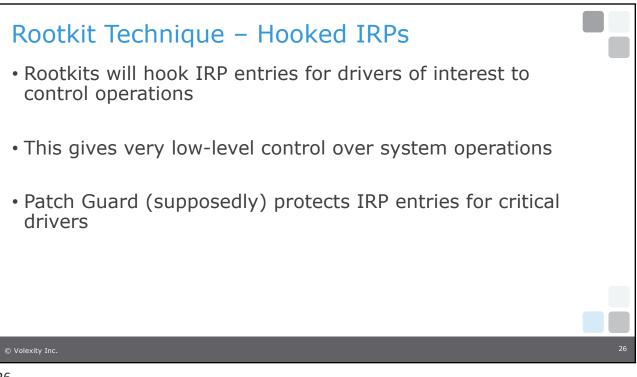


\$ py	thon3 vol.py -f data.lime	windows.dri	verirp	
Ntfs	IRP MJ CREATE	0xf80dfe5141f0	ntfs	
Ntfs	IRP_MJ_CREATE_NAMED_PIPE	0xf8010812fd70	ntoskrnl	
Ntfs	IRP_MJ_CLOSE	0xf80dfe514c90	ntfs	
Ntfs	IRP_MJ_READ	0xf80dfe40c430	ntfs	
Ntfs	IRP_MJ_WRITE	0xf80dfe406e80	ntfs	
Ntfs	IRP_MJ_QUERY_INFORMATION	0xf80dfe512c40	ntfs	
Ntfs	IRP_MJ_SET_INFORMATION	0xf80dfe4e0d70	ntfs	
Ntfs	IRP_MJ_QUERY_EA	0xf80dfe512c40	ntfs	
Ntfs	IRP_MJ_SET_EA	0xf80dfe512c40	ntfs	
Ntfs	IRP_MJ_FLUSH_BUFFERS	0xf80dfe523b80	ntfs	
Ntfs	IRP_MJ_QUERY_VOLUME_INFORMATION	0xf80dfe520f70	ntfs	
Ntfs	<pre>IRP_MJ_SET_VOLUME_INFORMATION</pre>	0xf80dfe520f70	ntfs	
Ntfs	IRP_MJ_DIRECTORY_CONTROL	0xf80dfe4fd9e0	ntfs	
Ntfs	IRP_MJ_FILE_SYSTEM_CONTROL	0xf80dfe4f8b70	ntfs	
Ntfs	IRP_MJ_DEVICE_CONTROL	0xf80dfe4c98f0	ntfs	
Ntfs	IRP_MJ_INTERNAL_DEVICE_CONTROL	0xf8010812fd70	ntoskrnl	
Ntfs	IRP_MJ_SHUTDOWN	0xf80dfe617c60	ntfs	
Ntfs	IRP_MJ_LOCK_CONTROL	0xf80dfe4487e0	ntfs	
Ntfs	IRP_MJ_CLEANUP	0xf80dfe515550	ntfs	
Ntfs	IRP_MJ_CREATE_MAILSLOT	0xf8010812fd70	ntoskrnl	
Ntfs	IRP_MJ_QUERY_SECURITY	0xf80dfe520f70	ntfs	
Ntfs	IRP_MJ_SET_SECURITY	0xf80dfe520f70	ntfs	
Ntfs	IRP_MJ_POWER	0xf8010812fd70	ntoskrnl	
Ntfs	IRP_MJ_SYSTEM_CONTROL	0xf8010812fd70	ntoskrnl	
Ntfs	IRP_MJ_DEVICE_CHANGE	0xf8010812fd70	ntoskrnl	
Ntfs	IRP_MJ_QUERY_QUOTA	0xf80dfe512c40	ntfs	
© Volexity Inc. Ntfs	IRP_MJ_SET_QUOTA	0xf80dfe512c40	ntfs	25
Ntfs	IRP_MJ_PNP	0xf80dfe568300	ntfs	



DriverIRP vs Ghost Emperor [16] In addition, we noticed some similarities between the features of Demodex and those of the Derusbi rootkit, which <u>was publicly described</u> in the past and also attributed to a Chinese-speaking actor. The purpose of both is to hide malicious artefacts, where notably both have an almost identical flow for hiding TCP connections by hooking the nsiproxy.sys IOCTL dispatcher. The	
nsiproxy IRP_MJ_DIRECTORY_CONTROL 0xf8010b0c24b0 nsiproxy nsiproxy IRP_MJ_FILE_SYSTEM_CONTROL 0xf8010b0c24b0 nsiproxy nsiproxy IRP_MJ_DEVICE_CONTROL 0xe38a8ed14168 - nsiproxy IRP_MJ_INTERNAL_DEVICE_CONTROL 0xf8010b0c24b0 nsiproxy	
dump_audio_codec0 IRP_MJ_CREATE 0xe38a8ed18278-dump_audio_codec0 IRP_MJ_CREATE_NAMED_PIPE0xe38a8ed18278-dump_audio_codec0 IRP_MJ_CLOSE 0xe38a8ed18278-dump_audio_codec0 IRP_MJ_READ 0xe38a8ed18278-dump_audio_codec0 IRP_MJ_READ 0xe38a8ed18278-dump_audio_codec0 IRP_MJ_READ 0xe38a8ed18278-dump_audio_codec0 IRP_MJ_WRITE 0xe38a8ed18278-dump_audio_codec0 IRP_MJ_QUERY_INFORMATION 0xe38a8ed18278-dump_audio_codec0 IRP_MJ_SET_INFORMATION 0xe38a8ed18278-	
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