Assignment #4

Installing GRR Server + Client

Followed the instructions on link provided in class and installed both client and server

```
jackson@jackson-VirtualBox: ~ □ □ ⊗

File Edit View Search Terminal Help

jackson@jackson-VirtualBox: ~$ systemctl status grr

⊕ grr.service - grr linux amd64

Loaded: loaded (/lib/systemd/system/grr.service; enabled; vendor preset: enab Active: active (running) since Thu 2022-12-08 03:47:31 EST; 4min 43s ago

Main PID: 732 (grrd)

Tasks: 6 (limit: 4915)

CGroup: /system.slice/grr.service

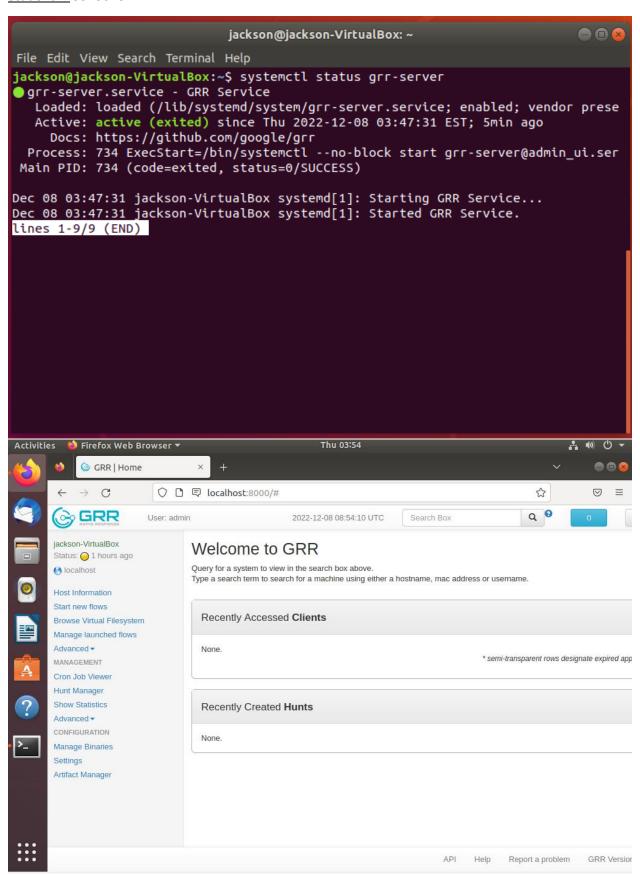
-732 /usr/sbin/grrd --config=/usr/lib/grr/grr_3.2.4.6_amd64/grrd.yam

-740 /usr/sbin/grrd --config=/usr/lib/grr/grr_3.2.4.6_amd64/grrd.yam

Dec 08 03:47:31 jackson-VirtualBox systemd[1]: Started grr linux amd64.

lines 1-10/10 (END)
```

Name: Jackson Yuan Student #: 991302821

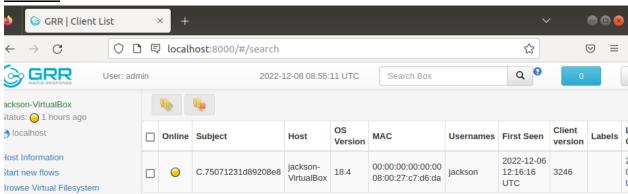


Name: Jackson Yuan Student #: 991302821

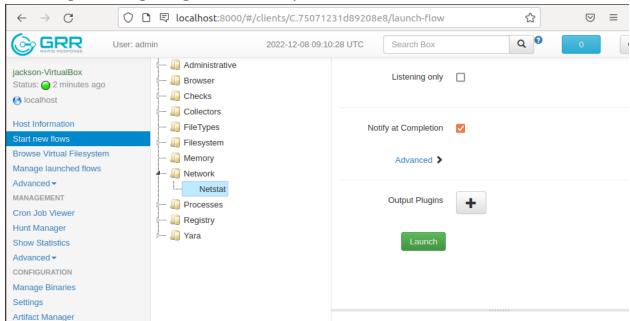
List of clients:

Ø _e Executables		
darwin/installers / grr_3.2.4.6_amd64.pkg	20MiB	2022-12-06 12:08:10 UTC
linux/installers / grr_3.2.4.6_amd64.deb	19.5MiB	2022-12-06 12:08:43 UTC
linux/installers / grr_3.2.4.6_amd64.rpm	20.4MiB	2022-12-06 12:08:08 UTC
linux/installers / grr_3.2.4.6_i386.deb	17.2MiB	2022-12-06 12:08:25 UTC
linux/installers / grr_3.2.4.6_i386.rpm	19.2MiB	2022-12-06 12:08:48 UTC
windows/installers / dbg_GRR_3.2.4.6_amd64.exe	20.5MiB	2022-12-06 12:08:35 UTC
windows/installers / dbg_GRR_3.2.4.6_i386.exe	18.7MiB	2022-12-06 12:08:18 UTC
windows/installers / GRR_3.2.4.6_amd64.exe	20.5MiB	2022-12-06 12:08:30 UTC
windows/installers / GRR_3.2.4.6_i386.exe	18.7MiB	2022-12-06 12:08:14 UTC

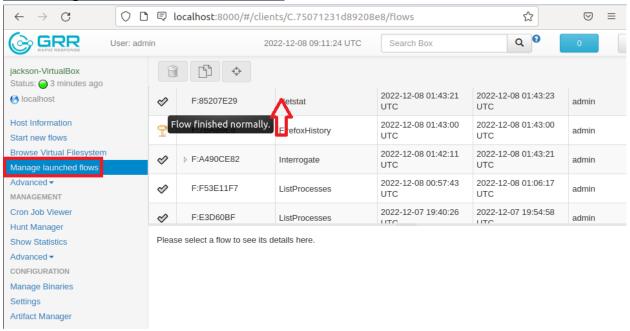
Client:



Running investigating network aspect:

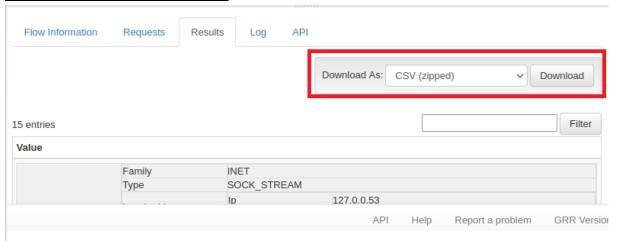


Checking stored finished results:



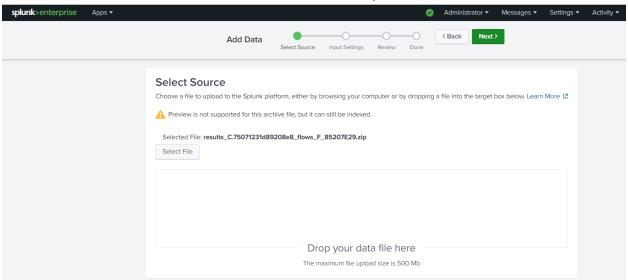
Name: Jackson Yuan Student #: 991302821

Downloaded as a .csv file:

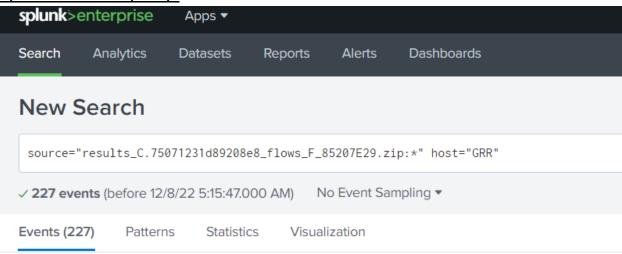




Emailed to self on the window's VM with Splunk:

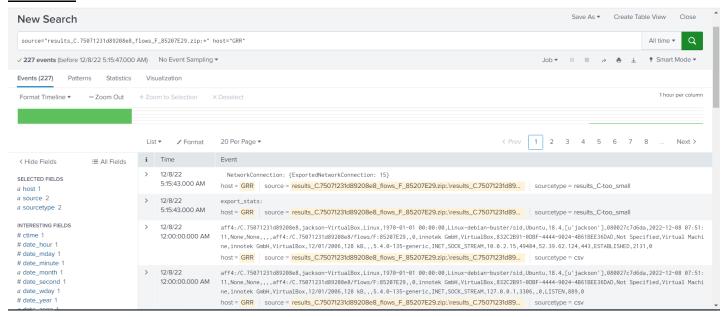


Splunk search query:



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Results:



Analysis of one of the options:

					Value	Act
		Selected	✓	host ▼	GRR	
				source ▼	results_C.75071231d89208e8_flows_F_85207E29.zip:.\results_C.7507 ws_F_85207E29/ExportedNetworkConnection/from_NetworkConnecti	
				sourcetype ▼	CSV	,
		Event		ctime ▼	0	
				family ▼	INET	
				local_address_ip ▼	127.0.0.1	
				local_address_port ▼	631	,
				metadata_client_age ▼	1970-01-01 00:00:00	,
				metadata_client_urn ▼	aff4:/C.75071231d89208e8	
				metadata_deprecated_session_id	None	,
				metadata_hardware_info_bios_rele		
				metadata_hardware_info_bios_rom		
				metadata_hardware_info_bios_ven	innotek GmbH	
				metadata_hardware_info_bios_ver		
				metadata_hardware_info_serial_nu		
				metadata_hardware_info_system_f		
				metadata_hardware_info_system_r		
				metadata_hardware_info_system_p		
	metad:	eta hardv		e_info_system_manufacturer •		
				e_info_system_product_name ▼		
				e_info_system_sku_number •	lot Specified	
	metada	ata_hardv	vare	e_info_system_uuid ▼	32C2B91-0DBF-4444-9024-4B61BEE36DAD	
	metada	ata_hostn	am	9 ▼	ackson-VirtualBox	~
	metada	ata_kerne	el_v	ersion ▼	.4.0-135-generic	~
	metada	ata_mac_	adc	lress ▼	80027c7d6da	<u> </u>
	metada	ata_origin	al_t	timestamp ▼	lone	~
	metada	ata_os ▼			inux	~
	metada	ata_os_re	lea	se ▼	lbuntu	~
	metada	ata_os_ve	ersio	on ▼	8.4	~
	metada	ata_sourc	e_ı	ırn ▼	ff4:/C.75071231d89208e8/flows/F:85207E29	
		ata_times			022-12-08 07:51:11	~
		ata_unam		,	inux-debian-buster/sid	~
		ata_usern		es ▼	ı'jackson']	
	pid ▼			-	59	
		_address	s po	ort ▼		
	state •				ISTEN	
	type •				OCK_STREAM	
e 0	time •				022-12-08T00:00:00.000-05:00	