Configurar e verificar as capturas de firewall seguro e do switch interno Firepower

Contents

Introduction **Prerequisites** Requirements **Componentes Utilizados** Informações de Apoio Visão geral de alto nível da arquitetura do sistema Visão geral de alto nível das operações internas do switch Fluxo de pacotes e pontos de captura Configuração e verificação no Firepower 4100/9300 Captura de pacotes em uma interface física ou de canal de porta Capturas de pacotes nas interfaces do backplane Capturas de pacotes nas portas do aplicativo e do aplicativo Captura de pacotes em uma subinterface de uma interface física ou de canal de porta Filtros de captura de pacotes Coletar Arquivos De Captura Do Switch Interno Firepower 4100/9300 Diretrizes, limitações e práticas recomendadas para captura de pacotes de switch interno Configuração e verificação no Secure Firewall 3100 Captura de pacotes em uma interface física ou de canal de porta Captura de pacotes em uma subinterface de uma interface física ou de canal de porta Captura de pacotes em interfaces internas Filtros de captura de pacotes Coletar arguivos de captura do switch interno do Secure Firewall 3100 Diretrizes, limitações e práticas recomendadas para captura de pacotes de switch interno Informações Relacionadas

Introduction

Este documento descreve a configuração e a verificação do Firepower e as capturas de switches internos do Secure Firewall.

Prerequisites

Requirements

Conhecimento básico do produto, análise de captura.

Componentes Utilizados

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. Se a rede estiver ativa, certifique-se de que você entenda o impacto potencial de qualquer comando.

As informações neste documento são baseadas nestas versões de software e hardware:

- Firewall seguro 31xx
- Firepower 41xx
- Firepower 93xx
- Cisco Secure eXtensible Operating System (FXOS) 2.12.0.x
- Cisco Secure Firewall Threat Defense (FTD) 7.2.0.x
- Cisco Secure Firewall Management Center (FMC) 7.2.0.x
- Cisco Secure Firewall Device Manager (FDM) 7.2.0.x
- Adaptive Security Appliance (ASA) 9.18(1)x
- Adaptive Security Appliance Device Manager (ASDM) 7.18.1.x
- Wireshark 3.6.7 (https://www.wireshark.org/download.html)

Informações de Apoio

Visão geral de alto nível da arquitetura do sistema

Da perspectiva do fluxo de pacotes, a arquitetura do Firepower 4100/9300 e do Secure Firewall 3100 pode ser visualizada como mostrado na figura:



O chassi inclui estes componentes:

Switch interno - encaminha o pacote da rede para o aplicativo e vice-versa. O switch interno é conectado às interfaces frontais que residem no módulo de interface interno ou módulos de rede externos e se conecta a dispositivos externos, como switches. Exemplos de interfaces frontais são Ethernet 1/1, Ethernet 2/4 e assim por diante. A "frente" não é uma definição técnica forte. Neste documento, ele é usado para distinguir interfaces conectadas a dispositivos externos das interfaces de backplane ou uplink.

 Backplane ou uplink - uma interface interna que conecta o módulo de segurança (SM) ao switch interno. Esta tabela mostra as interfaces de backplane no Firepower 4100/9300 e a interface de uplink no Secure Firewall 3100:

Platform	Número de módulos de segurança suportados	Interfaces de backplane/uplink	Interfaces de aplic mapeadas
Firepower 4100 (exceto Firepower 4110/4112)	1	SM1: Ethernet1/9 Ethernet1/10	Internal-Data0/0 Internal-Data0/1
Firepower 4110/4112	1	Ethernet1/9	Internal-Data0/0
Firepower 9300	3	SM1: Ethernet1/9 Ethernet1/10 SM2: Ethernet1/11 Ethernet1/12 SM3: Ethernet1/13 Ethernet1/14	Internal-Data0/0 Internal-Data0/1 Internal-Data0/0 Internal-Data0/1 Internal-Data0/0 Internal-Data0/1
Firewall seguro 3100	1	SM1: in_data_uplink1	Internal-Data0/1

No caso de 2 interfaces de painel traseiro por módulo, o switch interno e os aplicativos nos módulos executam o balanceamento de carga de tráfego nas 2 interfaces.

- Módulo de segurança, mecanismo de segurança ou blade o módulo onde aplicativos como FTD ou ASA estão instalados. O Firepower 9300 suporta até 3 módulos de segurança.
- Interface de aplicativo mapeada aplicativos, como FTD ou ASA, mapeiam as interfaces de backplane ou uplink para interfaces internas. Em outras palavras, as interfaces de backplane ou uplink são visíveis como interfaces internas em aplicativos.

Use o comando show interface detail para verificar interfaces internas:

```
> show interface detail | grep Interface
Interface Internal-Control0/0 "ha_ctl_nlp_int_tap", is up, line protocol is up
Control Point Interface States:
       Interface number is 6
      Interface config status is active
      Interface state is active
Interface Internal-Data0/0 "", is up, line protocol is up
Control Point Interface States:
      Interface number is 2
      Interface config status is active
      Interface state is active
Interface Internal-Data0/1 "", is up, line protocol is up
Control Point Interface States:
      Interface number is 3
      Interface config status is active
      Interface state is active
Interface Internal-Data0/2 "nlp_int_tap", is up, line protocol is up
Control Point Interface States:
      Interface number is 4
      Interface config status is active
```

```
Interface state is active
Interface Internal-Data0/3 "ccl_ha_nlp_int_tap", is up, line protocol is up
Control Point Interface States:
      Interface number is 5
      Interface config status is active
      Interface state is active
Interface Internal-Data0/4 "cmi_mgmt_int_tap", is up, line protocol is up
Control Point Interface States:
      Interface number is 7
      Interface config status is active
      Interface state is active
Interface Port-channel6.666 "", is up, line protocol is up
Interface Ethernet1/1 "diagnostic", is up, line protocol is up
Control Point Interface States:
      Interface number is 8
       Interface config status is active
       Interface state is active
```

Visão geral de alto nível das operações internas do switch

Firepower 4100/9300

Para tomar uma decisão de encaminhamento, o switch interno usa uma marca de VLAN de interface, ou marca de VLAN de porta, e uma marca de rede virtual (marca de VLAN).

A marca de VLAN de porta é usada pelo switch interno para identificar uma interface. O switch insere a tag de VLAN da porta em cada pacote de entrada que veio nas interfaces frontais. A marca da VLAN é configurada automaticamente pelo sistema e não pode ser alterada manualmente. O valor da marca pode ser verificado no shell de comando **fxos**:

```
firepower# connect fxos
firepower(fxos) # show run int e1/2
!Command: show running-config interface Ethernet1/2
!Time: Tue Jul 12 22:32:11 2022
version 5.0(3)N2(4.120)
interface Ethernet1/2
description U: Uplink
no lldp transmit
no lldp receive
no cdp enable
switchport mode dot1q-tunnel
switchport trunk native vlan 102
speed 1000
duplex full
udld disable
no shutdown
```

A marca VN também é inserida pelo switch interno e usada para encaminhar os pacotes ao aplicativo. Ele é configurado automaticamente pelo sistema e não pode ser alterado manualmente.

A marca da VLAN da porta e a marca da VLAN são compartilhadas com o aplicativo. O aplicativo insere as respectivas marcas VLAN de interface de saída e as marcas VLAN em cada pacote. Quando um pacote do aplicativo é recebido pelo switch interno nas interfaces do painel traseiro, o switch lê a marca VLAN da interface de saída e a marca VN, identifica o aplicativo e a interface de saída, retira a marca VLAN da porta e a marca VN e encaminha o pacote para a rede.

Firewall seguro 3100

Como no Firepower 4100/9300, a marca de VLAN de porta é usada pelo switch interno para identificar uma interface.

A marca da porta VLAN é compartilhada com o aplicativo. O aplicativo insere as respectivas marcas VLAN de interface de saída em cada pacote. Quando um pacote do aplicativo é recebido pelo switch interno na interface de uplink, o switch lê a marca VLAN da interface de saída, identifica a interface de saída, retira a marca VLAN da porta e encaminha o pacote para a rede.

Fluxo de pacotes e pontos de captura

Os firewalls Firepower 4100/9300 e Secure Firewall 3100 suportam capturas de pacotes nas interfaces do switch interno.

Esta figura mostra os pontos de captura de pacotes ao longo do caminho do pacote dentro do chassi e do aplicativo:



Os pontos de captura são:

- 1. Ponto de captura de ingresso da interface frontal do switch interno. Uma interface frontal é qualquer interface conectada aos dispositivos pares, como switches.
- 2. Ponto de captura de ingresso da interface do plano de dados
- 3. Ponto de captura Snort
- 4. Ponto de captura de saída da interface do plano de dados
- 5. Painel traseiro interno do switch ou ponto de captura de entrada de uplink. Uma interface de backplane ou uplink conecta o switch interno ao aplicativo.

O switch interno suporta apenas capturas de interface de entrada. Isso significa que somente os pacotes recebidos da rede ou do aplicativo ASA/FTD podem ser capturados. **Não há suporte para capturas de pacotes de saída.**

Configuração e verificação em Firepower 4100/9300

As capturas internas do switch Firepower 4100/9300 podem ser configuradas em **Ferramentas** > **Captura de pacotes** no FCM ou em **captura de pacote de escopo** no FXOS CLI. **Para obter a descrição das opções de captura de pacote, consulte o** *Guia de configuração do gerenciador de chassi FXOS do Cisco Firepower 4100/9300* ou o *Guia de configuração da CLI FXOS do Cisco Firepower 4100/9300* ou o *Guia de configuração da CLI FXOS do Cisco Firepower 4100/9300* ou o *Guia de configuração da CLI FXOS do Cisco Firepower 4100/9300* ou o *Guia de configuração da CLI FXOS do Cisco Firepower 4100/9300* ou o *Guia de configuração da CLI FXOS do Cisco Firepower 4100/9300* ou o *Guia de configuração da CLI FXOS do Cisco Firepower 4100/9300* ou o *Guia de configuração da CLI FXOS do Cisco Firepower 4100/9300* ou o *Guia de configuração da CLI FXOS do Cisco Firepower 4100/9300*, capítulo **Solução de problemas**, seção *Captura de pacote*.

Esses cenários abordam casos de uso comuns de capturas de switch interno Firepower 4100/9300.

Captura de pacotes em uma interface física ou de canal de porta

Use o FCM e a CLI para configurar e verificar uma captura de pacote na interface Ethernet1/2 ou Portchannel1. No caso de uma interface port-channel, certifique-se de selecionar todas as interfaces físicas membro.

Topologia, fluxo de pacotes e pontos de captura



Configuração

FCM

Siga estas etapas no FCM para configurar uma captura de pacote nas interfaces Ethernet1/2 ou Portchannel1:

1. Use Tools > Packet Capture > Capture Session para criar uma nova sessão de captura:

Overview Interfaces Logical Devices Security Engine Platform Settings	System	Tools Help admin
	Packet Capture	Troubleshooting Logs
Capture Session Fitter List		
C Refresh	Capture Session Delet	e All Sessions
No Session available		

2. Selecione a interface **Ethernet1/2**, forneça o nome da sessão e clique em **Save and Run** para ativar a captura:

Overview Interfaces Logical Devices Security Engine Platform Settings		System Tools Help admin
Select an instance: ftd1 v		Save and Run Save Cancel
ftd1	Session Name* Cap1 Selected Interfaces Ethernet1/2	
Dhemet1/2	Buffer Size 256 MB Snap length: 1518 Byte	
Ehernet1/2	Store Packets Overwrite Append	
Ethernet1/1 Ethernet1/9. Ethernet1/10	Capture Filter Apply Filter Capture All	
Ethernet1/5 (Portchannet1)		
Ebhenet1/4 (Portchannel1)		

3. No caso de uma interface port-channel, selecione todas as interfaces físicas do membro, forneça o nome da sessão e clique em **Salvar e Executar** para ativar a captura:

Select an instance: ftd1 v	Save and Run Save Cancel
ftd1	Session Name* Cap1
Ethernet1/2	Buffer Size 256 H8 Y
Ethernet1/3	Snap length: 1518 Bytes Store Packets Overwrite Append
Ethernet1/1 FTD Ethernet1/9, Ethernet1/10	Capture Filter Apply Filter Capture All
Ethernet1/5 Cortchannel1)	
Ethemet1/4 [Portchannel1]	

CLI FXOS

Siga estas etapas na CLI FXOS para configurar uma captura de pacote nas interfaces Ethernet1/2 ou Portchannel1:

1. Identificar o tipo de aplicativo e o identificador:

firepower#	scope ssa					
firepower	/ssa # show	app-instan	ce			
App Name	Identifier	Slot ID	Admin State	Oper State	Running Version	Startup Version
Deploy Typ	e Turbo Mod	e Profile N	ame Cluster	State Cluster R	ole	
ftd	ftd1	1	Enabled	Online	7.2.0.82	7.2.0.82

Native No

2. No caso de uma interface port-channel, identifique suas interfaces membro:

```
firepower# connect fxos
<output skipped>
firepower(fxos)# show port-channel summary
Flags: D - Down P - Up in port-channel (members)
    I - Individual H - Hot-standby (LACP only)
    s - Suspended r - Module-removed
    S - Switched R - Routed
    U - Up (port-channel)
    M - Not in use. Min-links not met
_____
Group Port-
            Type
                  Protocol Member Ports
   Channel
_____
                                        _____
   Pol(SU)
           Eth
                  LACP
                          Eth1/4(P) Eth1/5(P)
1
```

- 3. Criar uma sessão de captura:

```
firepower# scope packet-capture
firepower /packet-capture # create session cap1
firepower /packet-capture/session* # create phy-port Eth1/2
firepower /packet-capture/session/phy-port* # set app ftd
firepower /packet-capture/session/phy-port* # up
firepower /packet-capture/session* # enable
firepower /packet-capture/session* # commit
firepower /packet-capture/session #
```

Para interfaces port-channel, uma captura separada para cada interface membro é configurada:

```
firepower# scope packet-capture
firepower /packet-capture # create session cap1
firepower /packet-capture/session/phy-port # set app ftd
firepower /packet-capture/session/phy-port* # set app-identifier ftd1
firepower /packet-capture/session/phy-port* # up
firepower /packet-capture/session/phy-port* # set app ftd
firepower /packet-capture/session/phy-port* # up
firepower /packet-capture/session* # enable
firepower /packet-capture/session* # commit
firepower /packet-capture/session # Verificacão
```

FCM

Verifique o **nome da interface**, certifique-se de que o **status operacional** esteja ativo e que o **tamanho do arquivo (em bytes)** aumente:

Overvi	ew Interfac	es Logical Devices	Security Engine	Platform Settings				System	Tools	Help ac	lmin
Capture	Session Fib	er List									
							C Refresh Capture Sess	Delete Al S	essions		
•) cap1	Drop Coun	t: 0	Operational State: up	Buffer Size: 256 MB		Snap Length: 1518 Byte	15			
Interfa	ce Name	Filter		File Size (in bytes)	File Name	Device Name					
Etherne	t1/2	None		28632	cap1-ethernet-1-2-0.pcap	ftd1	1				

Portchannel1 com interfaces membro Ethernet1/4 e Ethernet1/5:

Overview Interfaces L	ogical Devices Security Engine Platform Se	ettings					System Tools P	telp admin
Capture Session Filter List								
						C Refresh Capture Session	Delete All Sessions	
🔺 🔳 cap1	Drop Count: 0	Operat	ional State: up	Buffer Size: 256 MB		Snap Length: 1518 Bytes		. 8 3
Interface Name	Filter		File Size (in bytes)	File Name	Device Name			
Ethernet1/S	None		160	cap1-ethernet-1-5-0.pcap	ftd1	*		
Ethernet1/4	None		85000	cap1-ethernet-1-4-0.pcap	ftd1	4		

CLI FXOS

Verifique os detalhes da captura em scope packet-capture:

```
firepower# scope packet-capture
firepower /packet-capture # show session cap1
Traffic Monitoring Session:
   Packet Capture Session Name: cap1
   Session: 1
   Admin State: Enabled
   Oper State: Up
   Oper State Reason: Active
   Config Success: Yes
  Config Fail Reason:
  Append Flag: Overwrite
   Session Mem Usage: 256 MB
  Session Pcap Snap Len: 1518 Bytes
  Error Code: 0
  Drop Count: 0
Physical ports involved in Packet Capture:
   Slot Id: 1
   Port Id: 2
   Pcapfile: /workspace/packet-capture/session-1/cap1-ethernet-1-2-0.pcap
   Pcapsize: 75136 bytes
   Filter:
   Sub Interface: 0
   Application Instance Identifier: ftd1
    Application Name: ftd
Canal de porta 1 com interfaces membro Ethernet1/4 e Ethernet1/5:
firepower# scope packet-capture
firepower /packet-capture # show session cap1
Traffic Monitoring Session:
   Packet Capture Session Name: cap1
  Session: 1
   Admin State: Enabled
   Oper State: Up
   Oper State Reason: Active
   Config Success: Yes
```

```
Config Fail Reason:
Append Flag: Overwrite
Session Mem Usage: 256 MB
Session Pcap Snap Len: 1518 Bytes
Error Code: 0
Drop Count: 0
```

Physical ports involved in Packet Capture:

```
Slot Id: 1
   Port Id: 4
   Pcapfile: /workspace/packet-capture/session-1/cap1-ethernet-1-4-0.pcap
   Pcapsize: 310276 bytes
  Filter:
   Sub Interface: 0
   Application Instance Identifier: ftd1
   Application Name: ftd
   Slot Id: 1
   Port Id: 5
   Pcapfile: /workspace/packet-capture/session-1/cap1-ethernet-1-5-0.pcap
   Pcapsize: 160 bytes
  Filter:
   Sub Interface: 0
   Application Instance Identifier: ftd1
   Application Name: ftd
Coletar arquivos de captura
```

Siga as etapas na seção Coletar arquivos de captura do switch interno Firepower 4100/9300.

Capturar análise de arquivo

Use um aplicativo leitor de arquivo de captura de pacote para abrir o arquivo de captura para Ethernet1/2. Selecione o primeiro pacote e verifique os pontos principais:

- 1. Somente os pacotes ICMP de solicitação de eco são capturados. Cada pacote é capturado e mostrado 2 vezes.
- 2. O cabeçalho do pacote original está sem a marca VLAN.
- 3. O switch interno insere a tag de VLAN de porta adicional **102** que identifica a interface de entrada Ethernet1/2.
- 4. O switch interno insere uma marca VN adicional.

No.	Time	Source	Destination	Protocol	Length	19 ID	IP TTL Info				
Г	1 2022-07-13 06:23:58,285080930	192.0.2.100	198.51.100.100	ICMP	108	0x9dec (40428)	64 Echo (ping) reque	st id=0>	x001a, seq=7/1792, tt	l=64 (no response fo	und!)
	2 2022-07-13 06:23:58.285082858	192.0.2.100	198.51.100.100	ICMP	102	0x9dec (40428)	64 Echo (ping) reque	st id=0>	x001a, seq=7/1792, tt	l=64 (no response fo	und1)
	3 2022-07-13 06:23:59.309048886	192.0.2.100	198.51.100.100	ICMP	108	0x9ed0 (40656)	64 Echo (ping) reque	st id=0>	x001a, seq=8/2048, tt	l=64 (no response fo	und!)
	4 2022-07-13 06:23:59.309193731	192.0.2.100	198.51.100.100	ICMP	102	0x9ed0 (40656)	64 Echo (ping) reque	st id=0>	x001a, seq=8/2048, tt	l=64 (no response fo	und!)
	5 2022-07-13 06:24:00.333054190	192.0.2.100	198.51.100.100	ICMP	108	0x9f20 (40736)	64 Echo (ping) reque	st id=0>	x001a, seq=9/2304, tt	l=64 (no response fo	und!)
	6 2022-07-13 06:24:00.333056014	192.0.2.100	198.51.100.100	ICMP	102	0x9f20 (40736)	64 Echo (ping) reque	st id=0>	x001a, seq=9/2304, tt	l=64 (no response fo	und!)
	7 2022-07-13 06:24:01.357173530	192.0.2.100	198.51.100.100	ICMP	108	0x9f2d (40749)	64 Echo (ping) reque	st id=0>	x001a, seq=10/2560, t	tl=64 (no response f	ound!)
	8 2022-07-13 06:24:01.357174708	192.0.2.100	198.51.100.100	ICMP	102	0x9f2d (40749)	64 Echo (ping) reque	st id=0>	x001a, seq=10/2560, t	tl=64 (no response f	ound1)
	9 2022-07-13 06:24:02.381073741	192.0.2.100	198.51.100.100	ICMP	108	0x9f88 (40840)	64 Echo (ping) reque	st id=0>	x001a, seq=11/2816, t	tl=64 (no response f	ound1)
	10 2022-07-13 06:24:02.381074999	192.0.2.100	198.51.100.100	ICMP	102	0x9f88 (40840)	64 Echo (ping) reque	st id=0>	x001a, seq=11/2816, t	tl=64 (no response f	ound!)
	11 2022-07-13 06:24:03.405199041	192.0.2.100	198.51.100.100	ICMP	108	0xa077 (41079)	64 Echo (ping) reque	st id=0>	x001a, seq=12/3072, t	tl=64 (no response f	ound!)
	12 2022-07-13 06:24:03.405200261	192.0.2.100	198.51.100.100	ICMP	102	0xa077 (41079)	64 Echo (ping) reque	st id=0>	x001a, seq=12/3072, t	tl=64 (no response f	ound!)
	13 2022-07-13 06:24:04.429155683	192.0.2.100	198.51.100.100	ICMP	108	0xa10f (41231)	64 Echo (ping) reque	st id=0>	x001a, seq=13/3328, t	tl=64 (no response f	ound!)
	14 2022-07-13 06:24:04.429156831	192.0.2.100	198.51.100.100	ICMP	102	0xa10f (41231)	64 Echo (ping) reque	st id=0>	x001a, seq=13/3328, t	tl=64 (no response f	ound!)
	15 2022-07-13 06:24:05.453156612	192.0.2.100	198.51.100.100	ICMP	108	0xa16a (41322)	64 Echo (ping) reque	st id=0>	x001a, seq=14/3584, t	tl=64 (no response f	ound1)
	16 2022-07-13 06:24:05.453158052	192.0.2.100	198.51.100.100	ICMP	102	0xa16a (41322)	64 Echo (ping) reque	st id=0>	x001a, seq=14/3584, t	tl=64 (no response f	ound1)
	17 2022-07-13 06:24:06.477127687	192.0.2.100	198.51.100.100	ICMP	108	0xa1e9 (41449)	64 Echo (ping) reque	st id=0>	x001a, seq=15/3840, t	tl=64 (no response f	ound!)
	18 2022-07-13 06:24:06.477129899	192.0.2.100	198.51.100.100	ICMP	102	0xa1e9 (41449)	64 Echo (ping) reque	st id=0>	x001a, seq=15/3840, t	tl=64 (no response f	ound!)
	19 2022-07-13 06:24:07.501291314	192.0.2.100	198.51.100.100	ICMP	108	0xa1f6 (41462)	64 Echo (ping) reque	st id=0>	x001a, seq=16/4096, t	tl=64 (no response f	ound!)
	20 2022-07-13 06:24:07.501293041	192.0.2.100	198.51.100.100	ICMP	102	0xa1f6 (41462)	64 Echo (ping) reque	st id=0x	x001a, seq=16/4096, t	tl=64 (no response f	ound!)
	21 2022-07-13 06:24:08.525089956	192.0.2.100	198.51.100.100	ICMP	108	0xa257 (41559)	64 Echo (ping) reque	st id=0>	x001a, seq=17/4352, t	tl=64 (no response f	ound!)
	22 2022-07-13 06:24:08.525092088	192.0.2.100	198.51.100.100	ICMP	102	0xa257 (41559)	64 Echo (ping) reque	st id=0>	x001a, seq=17/4352, th	tl=64 (no response f	ound!)
	23 2022-07-13 06:24:09.549236500	192.0.2.100	198.51.100.100	ICMP	108	0xa2a9 (41641)	64 Echo (ping) reque	st id=0>	x001a, seq=18/4608, t	tl=64 (no response f	ound1)
	24 2022-07-13 06:24:09.549238564	192.0.2.100	198.51.100.100	ICMP	102	0xa2a9 (41641)	64 Echo (ping) reque	st id=0>	x001a, seq=18/4608, t	tl=64 (no response f	ound1)
	25 2022-07-13 06:24:10.573110146	192.0.2.100	198.51.100.100	ICMP	108	0xa345 (41797)	64 Echo (ping) reque	st id=0>	x001a, seq=19/4864, t	tl=64 (no response f	ound!)
	26 2022-07-13 06:24:10.573112504	192.0.2.100	198.51.100.100	ICMP	102	0xa345 (41797)	64 Echo (ping) reque	st id=0>	x001a, seq=19/4864, t	tl=64 (no response f	ound!)
	27 2022-07-13 06:24:11.597086027	192.0.2.100	198.51.100.100	ICMP	108	0xa349 (41801)	64 Echo (ping) reque	st id=0x	x001a, seq=20/5120, t	tl=64 (no response f	ound!)
	28 2022-07-13 06:24:11.597088170	192.0.2.100	198.51.100.100	ICMP	102	0xa349 (41801)	64 Echo (ping) reque	st id=0>	x001a, seq=20/5120, t	tl=64 (no response f	ound!)
	29 2022-07-13 06:24:12.621061022	192.0.2.100	198.51.100.100	ICMP	108	0xa3dc (41948)	64 Echo (ping) reque	st id=0>	x001a, seq=21/5376, t	tl=64 (no response f	ound!)
¢.											
	Frame 1, 100 butes on vine (064 bi	(a) 100 hutes	conturned (OCA bits)	an intenface		0.1. (4.0		0000	59 07 bd bo 77 oo oo i	50 56 0d og bo 90 0	6 99 95 X
1	Thereast IT East Whenes OdieBibs	(op.Eq.Ec.od.op	captured (864 Dits)	on interface	capture_u	0_1, 10 0		0010	00 00 21 00 00 66 02 0	00 A5 00 00 54 04 0	AD 00
í,	Echernet II, Src: whware suleside	00:50:50:90:00	ide), Ust: cisco by	77:00 (56:97:	00:09:77:	oe)		0020 4	40 01 af c0 c0 00 02 0	64 c6 33 64 64 08 0	0 4e a2 @·····d ·3dd··N·
1	vn-rag	- Dines	tion, Econ Boidge					0030	00 1a 00 07 f4 64 ce 0	62 00 00 00 00 20 a	2 07 00 ·····d·b ····
		Direc	cion: From Bridge					0840	00 00 00 00 10 11 12	13 14 15 16 17 18 1	9 1a 1b
		- Docti	er; vir_iu					0050 1	1c 1d 1e 1f 20 21 22 3	23 24 25 26 27 28 2	9 2a 2b ···· !"# \$%&'()*+
			de No.					0060 2	2c 2d 2e 2f 30 31 32	33 34 35 36 37	,/0123 4567
			ut NO	4							
	0		ved: 0								
		versi	on: 0								
		00 0000 = Sourc	e: 0								
Ŀŀ	Type: 802.10 Virtual LAN (0x8100	1)		_							
M	802.10 Virtual LAN, PRI: 0, DEI: 0	, ID: 102	6. 3								
	000 = Priority:	Best Effort (de	fault) (0)	2							
	0 = DEI: Ineli	gible		3							
	0000 0110 0110 = ID: 102										
	Type: IPv4 (0x0800)			_							
2	Internet Protocol Version 4, Src: :	192.0.2.100, Dst	t: 198.51.100.100	2							
2	Internet Control Message Protocol			2							

Selecione o segundo pacote e verifique os pontos principais:

- Somente os pacotes ICMP de solicitação de eco são capturados. Cada pacote é capturado e mostrado 2 vezes.
- 2. O cabeçalho do pacote original está sem a marca VLAN.
- 3. O switch interno insere a tag de VLAN de porta adicional **102** que identifica a interface de entrada Ethernet1/2.

No.	Time	Source	Destination	Protocol	Length	1P 1D	IP TTL Info	
F	1 2022-07-13 06:23:58.285080930	192.0.2.100	198.51.100.100	ICMP	108	0x9dec (40428)	64 Echo (ping) request	id=0x001a, seq=7/1792, ttl=64 (no response found!)
	2 2022-07-13 06:23:58.285082858	192.0.2.100	198.51.100.100	ICMP	102	0x9dec (40428)	64 Echo (ping) request	id=0x001a, seq=7/1792, ttl=64 (no response found!)
	3 2022-07-13 06:23:59.309048886	192.0.2.100	198.51.100.100	ICMP	108	0x9ed0 (40656)	64 Echo (ping) request	id=0x001a, seq=8/2048, ttl=64 (no response found!)
	4 2022-07-13 06:23:59.309193731	192.0.2.100	198.51.100.100	ICMP	102	0x9ed0 (40656)	64 Echo (ping) request	id=0x001a, seq=8/2048, ttl=64 (no response found!)
	5 2022-07-13 06:24:00.333054190	192.0.2.100	198.51.100.100	ICMP	108	0x9f20 (40736)	64 Echo (ping) request	id=0x001a, seq=9/2304, ttl=64 (no response found!)
	6 2022-07-13 06:24:00.333056014	192.0.2.100	198.51.100.100	ICMP	102	0x9f20 (40736)	64 Echo (ping) request	id=0x001a, seq=9/2304, ttl=64 (no response found!)
	7 2022-07-13 06:24:01.357173530	192.0.2.100	198.51.100.100	ICMP	108	0x9f2d (40749)	64 Echo (ping) request	id=0x001a, seq=10/2560, ttl=64 (no response found!)
	8 2022-07-13 06:24:01.357174708	192.0.2.100	198.51.100.100	ICMP	102	0x9f2d (40749)	64 Echo (ping) request	id=0x001a, seq=10/2560, ttl=64 (no response found!)
	9 2022-07-13 06:24:02.381073741	192.0.2.100	198.51.100.100	ICMP	108	0x9f88 (40840)	64 Echo (ping) request	id=0x001a, seq=11/2816, ttl=64 (no response found!)
	10 2022-07-13 06:24:02.381074999	192.0.2.100	198.51.100.100	ICMP	102	0x9f88 (40840)	64 Echo (ping) request	id=0x001a, seq=11/2816, ttl=64 (no response found!)
	11 2022-07-13 06:24:03.405199041	192.0.2.100	198.51.100.100	ICMP	108	0xa077 (41079)	64 Echo (ping) request	id=0x001a, seq=12/3072, ttl=64 (no response found!)
	12 2022-07-13 06:24:03.405200261	192.0.2.100	198.51.100.100	ICMP	102	0xa077 (41079)	64 Echo (ping) request	id=0x001a, seq=12/3072, ttl=64 (no response found!)
	13 2022-07-13 06:24:04.429155683	192.0.2.100	198.51.100.100	ICMP	108	0xa10f (41231)	64 Echo (ping) request	id=0x001a, seq=13/3328, ttl=64 (no response found!)
	14 2022-07-13 06:24:04.429156831	192.0.2.100	198.51.100.100	ICMP	102	0xa10f (41231)	64 Echo (ping) request	id=0x001a, seq=13/3328, ttl=64 (no response found!)
	15 2022-07-13 06:24:05.453156612	192.0.2.100	198.51.100.100	ICMP	108	0xa16a (41322)	64 Echo (ping) request	id=0x001a, seq=14/3584, ttl=64 (no response found!)
	16 2022-07-13 06:24:05.453158052	192.0.2.100	198.51.100.100	ICMP	102	0xa16a (41322)	64 Echo (ping) request	id=0x001a, seq=14/3584, ttl=64 (no response found!)
	17 2022-07-13 06:24:06.477127687	192.0.2.100	198.51.100.100	ICMP	108	0xa1e9 (41449)	64 Echo (ping) request	id=0x001a, seq=15/3840, ttl=64 (no response found!)
	18 2022-07-13 06:24:06.477129899	192.0.2.100	198.51.100.100	ICMP	102	0xa1e9 (41449)	64 Echo (ping) request	id=0x001a, seq=15/3840, ttl=64 (no response found!)
	19 2022-07-13 06:24:07.501291314	192.0.2.100	198.51.100.100	ICMP	108	0xa1f6 (41462)	64 Echo (ping) request	id=0x001a, seq=16/4096, ttl=64 (no response found!)
	20 2022-07-13 06:24:07.501293041	192.0.2.100	198.51.100.100	ICMP	102	0xa1f6 (41462)	64 Echo (ping) request	id=0x001a, seq=16/4096, ttl=64 (no response found!)
	21 2022-07-13 06:24:08.525089956	192.0.2.100	198.51.100.100	ICMP	108	0xa257 (41559)	64 Echo (ping) request	id=0x001a, seq=17/4352, ttl=64 (no response found!)
	22 2022-07-13 06:24:08.525092088	192.0.2.100	198.51.100.100	ICMP	102	0xa257 (41559)	64 Echo (ping) request	id=0x001a, seq=17/4352, ttl=64 (no response found!)
	23 2022-07-13 06:24:09.549236500	192.0.2.100	198.51.100.100	ICMP	108	0xa2a9 (41641)	64 Echo (ping) request	id=0x001a, seq=18/4608, ttl=64 (no response found!)
	24 2022-07-13 06:24:09.549238564	192.0.2.100	198.51.100.100	ICMP	102	0xa2a9 (41641)	64 Echo (ping) request	id=0x001a, seq=18/4608, ttl=64 (no response found!)
	25 2022-07-13 06:24:10.573110146	192.0.2.100	198.51.100.100	ICMP	108	0xa345 (41797)	64 Echo (ping) request	id=0x001a, seq=19/4864, ttl=64 (no response found!)
	26 2022-07-13 06:24:10.573112504	192.0.2.100	198.51.100.100	ICMP	102	0xa345 (41797)	64 Echo (ping) request	id=0x001a, seq=19/4864, ttl=64 (no response found!)
	27 2022-07-13 06:24:11.597086027	192.0.2.100	198.51.100.100	ICMP	108	0xa349 (41801)	64 Echo (ping) request	id=0x001a, seq=20/5120, ttl=64 (no response found!)
	28 2022-07-13 06:24:11.597088170	192.0.2.100	198.51.100.100	ICMP	102	0xa349 (41801)	64 Echo (ping) request	id=0x001a, seq=20/5120, ttl=64 (no response found!)
	29 2022-07-13 06:24:12.621061022	192.0.2.100	198.51.100.100	ICMP	108	0xa3dc (41948)	64 Echo (ping) request	id=0x001a, seq=21/5376, ttl=64 (no response found!)
<								
> F	rame 2: 102 bytes on wire (816 bit	(s), 102 bytes (captured (816 bits)	on interface	capture u	0 1. id 0		2000 58 97 bd b9 77 0e 00 50 56 9d e8 be 81 00 00 66 Xw.P Vf
> E	thernet II, Src: VMware 9d:e8:be (00:50:56:9d:e8	be), Dst: Cisco b9	77:0e (58:97:	bd:b9:77:	0e)	6	010 08 00 45 00 00 54 9d ec 40 00 40 01 af c0 c0 00 ··E··T··@·@·····
1	02.10 Virtual LAN, PRI: 0, DEI: 0,	ID: 102					6	020 02 64 c6 33 64 64 08 00 4e a2 00 1a 00 07 f4 64 ·d·3dd·· N·····d
	000 = Priority:	Best Effort (de	fault) (0)				0	3030 ce 62 00 00 00 00 20 a2 07 00 00 00 00 00 10 11 ·b·····
	0 = DEI: Ineli	gible		21			6	1840 12 13 14 15 16 17 18 19 1a 1b 1c 1d 1e 1f 20 21
	0000 0110 0110 = ID: 102			2			6	3050 22 23 24 25 26 27 28 29 2a 2b 2c 2d 2e 2f 30 31 "#\$X&"() "+,/01
	Type: IPv4 (0x0800)						6	32 33 34 35 36 37 234567
	internet Protocol Version 4, Src: 1	92.0.2.100, Dst	t: 198.51.100.100					
> 1	internet Control Message Protocol			2				
6								

Abra os arquivos de captura para as interfaces membro Portchannel1. Selecione o primeiro pacote e verifique os pontos principais:

- 1. Somente os pacotes ICMP de solicitação de eco são capturados. Cada pacote é capturado e mostrado 2 vezes.
- 2. O cabeçalho do pacote original está sem a marca VLAN.
- 3. O switch interno insere uma tag de VLAN de porta adicional **1001** que identifica a interface de entrada Portchannel1.
- 4. O switch interno insere uma marca VN adicional.

No.	Time	Source	Destination	Protocol	Length	IP ID		IP TTL Info		1				^
Γ.	1 2022-08-05 23:07:31.865872877	192.0.2.100	198.51.100.100	ICMP	108	Øx322e	(12846)	64 Echo (pi	ng) request	id=0x002d, se	q=245/62720,	ttl=64	(nc	
	2 2022-08-05 23:07:31.865875131	192.0.2.100	198.51.100.100	ICMP	102	Øx322e	(12846)	64 Echo (pi	ng) request	id=0x002d, se	q=245/62720,	ttl=64	(nc	
	3 2022-08-05 23:07:32.867144598	192.0.2.100	198.51.100.100	ICMP	108	Øx32b9	(12985)	64 Echo (pi	ng) request	id=0x002d, se	q=246/62976,	ttl=64	(nc	
	4 2022-08-05 23:07:32.867145852	192.0.2.100	198.51.100.100	ICMP	102	0x32b9	(12985)	64 Echo (pi	ng) request	id=0x002d, se	q=246/62976,	ttl=64	(nc	
	5 2022-08-05 23:07:33.881902485	192.0.2.100	198.51.100.100	ICMP	108	0x32d8	(13016)	64 Echo (pi	ng) request	id=0x002d, se	q=247/63232,	ttl=64	(nc	
	6 2022-08-05 23:07:33.881904191	192.0.2.100	198.51.100.100	ICMP	102	0x32d8	(13016)	64 Echo (pi	ng) request	id=0x002d, se	q=247/63232,	ttl=64	(nc	
	7 2022-08-05 23:07:34.883049425	192.0.2.100	198.51.100.100	ICMP	108	0x3373	(13171)	64 Echo (pi	ng) request	id=0x002d, se	q=248/63488,	ttl=64	(nc	
	8 2022-08-05 23:07:34.883051649	192.0.2.100	198.51.100.100	ICMP	102	0x3373	(13171)	64 Echo (pi	ng) request	id=0x002d, se	q=248/63488,	ttl=64	(nc	
	9 2022-08-05 23:07:35.883478016	192.0.2.100	198.51.100.100	ICMP	108	0x3427	(13351)	64 Echo (pi	ng) request	id=0x002d, se	q=249/63744,	ttl=64 ((nc	
	10 2022-08-05 23:07:35.883479190	192.0.2.100	198.51.100.100	ICMP	102	0x3427	(13351)	64 Echo (pi	ng) request	id=0x002d, se	q=249/63744,	ttl=64	(nc	
	11 2022-08-05 23:07:36.889741625	192.0.2.100	198.51.100.100	ICMP	108	0x34de	(13534)	64 Echo (pi	ng) request	id=0x002d, se	q=250/64000,	ttl=64	(nc	
	12 2022-08-05 23:07:36.889742853	192.0.2.100	198.51.100.100	ICMP	102	0x34de	(13534)	64 Echo (pi	ng) request	id=0x002d, se	q=250/64000,	ttl=64	(nc	
	13 2022-08-05 23:07:37.913770117	192.0.2.100	198.51.100.100	ICMP	108	0x354c	(13644)	64 Echo (pi	ng) request	id=0x002d, se	q=251/64256,	ttl=64	(nc	
	14 2022-08-05 23:07:37.913772219	192.0.2.100	198.51.100.100	ICMP	102	0x354c	(13644)	64 Echo (pi	ng) request	id=0x002d, se	q=251/64256,	ttl=64	(nc	
	15 2022-08-05 23:07:38.937829879	192.0.2.100	198.51.100.100	ICMP	108	0x3602	(13826)	64 Echo (pi	ng) request	id=0x002d, se	q=252/64512,	ttl=64	(nc	
	16 2022-08-05 23:07:38.937831215	192.0.2.100	198.51.100.100	ICMP	102	0x3602	(13826)	64 Echo (pi	ng) request	id=0x002d, se	q=252/64512,	ttl=64 ((nc	
	17 2022-08-05 23:07:39.961786128	192.0.2.100	198.51.100.100	ICMP	108	Øx36ed	(14061)	64 Echo (pi	ng) request	id=0x002d, se	q=253/64768,	ttl=64 ((nc	
	18 2022-08-05 23:07:39.961787284	192.0.2.100	198.51.100.100	ICMP	102	Øx36ed	(14061)	64 Echo (pi	ng) request	id=0x002d, se	q=253/64768,	ttl=64	(nc	
L	19 2022-08-05 23:07:40.985773090	192.0.2.100	198.51.100.100	ICMP	108	0x37d5	(14293)	64 Echo (pi	ng) request	id=0x002d, se	q=254/65024,	ttl=64	(nc	~
<													>	
> F	rame 1: 108 bytes on wire (864 bits)	, 108 bytes capt	ured (864 bits) on	interface cap	ture_u0_3,	, it 0000	a2 76	f2 00 00 25 00	0 56 9d e8	be 89 26 80 54	1 · v · · · % · P ·	v····&∙т		
> E	thernet II, Src: VMware_9d:e8:be (00	:50:56:9d:e8:be)	, Dst: a2:76:f2:00	:00:25 (a2:76:	f2:00:00:2	25) 0010	00 00	81 00 03 e9 08	0 45 00 00	54 32 2e 40 00		E T2.@.		
٧Y	N-Tag					0020	40 01	1b 7f c0 00 02	4 c6 33 64	64 08 00 1e de	; @·····d·	· 3dd · · · ·		
	1	= Direction	n: From Bridge			0030	00 20	00 T5 a6 a2 ed i	2 00 00 00	00 /a 21 00 00)D	····z/··		
	.0	<pre> = Pointer:</pre>	vif_id			0040	1c 1d	10 1f 20 21 22	3 24 25 26	27 28 29 29 29 2		\$%8'()*+		
	00 0000 0101 0100	<pre> = Destinati</pre>	ion: 84			0050	2c 2d	2e 2f 30 31 32	3 34 35 36	37	/0123	4567		
	0	= Looped: N	10 4				LC LO	EC ET DO DE DE	5 54 55 50	57	, , , , , , , , , , , , , , , , , , , ,	*507		
	0	<pre> = Reserved:</pre>	. 0											
	00	<pre> = Version:</pre>	0											
	0000 0000	0000 = Source: 0)											
	Type: 802.10 Virtual LAN (0x8100)													
× 8	02.1Q Virtual LAN, PRI: 0, DEI: 0, I	D: 1001												
	000 Bes	st Effort (defau)	lt) (0)											
	0 = DEI: Ineligit	ble	2											
	0011 1110 1001 = ID: 1001		2											
	Type: IPv4 (0x0800)													
1	nternet Protocol Version 4, Src: 192	.0.2.100, Dst: 1	98.51.100.100											
1	nternet Control Message Protocol		2											

Selecione o segundo pacote e verifique os pontos principais:

- 1. Somente os pacotes ICMP de solicitação de eco são capturados. Cada pacote é capturado e mostrado 2 vezes.
- 2. O cabeçalho do pacote original está sem a marca VLAN.
- 3. O switch interno insere uma tag de VLAN de porta adicional **1001** que identifica a interface de entrada Portchannel1.

N	o. Time	Source	Destination	Protocol	Length	IP ID		IP TTL Info			1				^
1	1 2022-08-05 23:07:31.865872877	192.0.2.100	198.51.100.100	ICMP	108	Øx322e	12846)	64 Ec	o (ping)	request	id=0x002d,	seq=245/62720,	ttl=64 ((nc	
	2 2022-08-05 23:07:31.865875131	192.0.2.100	198.51.100.100	ICMP	102	Øx322e	12846)	64 Ec	o (ping)	request	id=0x002d,	seq=245/62720,	ttl=64 ((nc	
	3 2022-08-05 23:07:32.867144598	192.0.2.100	198.51.100.100	ICMP	108	0x32b9 (12985)	64 Ec	o (ping)	request	id=0x002d,	seq=246/62976,	ttl=64 ((nc	
	4 2022-08-05 23:07:32.867145852	192.0.2.100	198.51.100.100	ICMP	102	0x32b9	12985)	64 Ec	o (ping)	request	id=0x002d,	seq=246/62976,	ttl=64 ((nc	
	5 2022-08-05 23:07:33.881902485	192.0.2.100	198.51.100.100	ICMP	108	0x32d8	13016)	64 Ec	o (ping)	request	id=0x002d,	seq=247/63232,	ttl=64 ((nc	
	6 2022-08-05 23:07:33.881904191	192.0.2.100	198.51.100.100	ICMP	102	0x32d8	13016)	64 Ec	o (ping)	request	id=0x002d,	seq=247/63232,	ttl=64 ((nc	
	7 2022-08-05 23:07:34.883049425	192.0.2.100	198.51.100.100	ICMP	108	Øx3373	13171)	64 Ec	o (ping)	request	id=0x002d,	seq=248/63488,	ttl=64 ((nc	
	8 2022-08-05 23:07:34.883051649	192.0.2.100	198.51.100.100	ICMP	102	Øx3373	13171)	64 Ec	o (ping)	request	id=0x002d,	seq=248/63488,	ttl=64 ((nc	
	9 2022-08-05 23:07:35.883478016	192.0.2.100	198.51.100.100	ICMP	108	0x3427	(13351)	64 Ec	o (ping)	request	id=0x002d,	seq=249/63744,	ttl=64 ((nc	
	10 2022-08-05 23:07:35.883479190	192.0.2.100	198.51.100.100	ICMP	102	0x3427	(13351)	64 Ec	o (ping)	request	id=0x002d,	seq=249/63744,	ttl=64 ((nc	
	11 2022-08-05 23:07:36.889741625	192.0.2.100	198.51.100.100	ICMP	108	Øx34de ((13534)	64 Ec	o (ping)	request	id=0x002d,	seq=250/64000,	ttl=64 ((nc	
	12 2022-08-05 23:07:36.889742853	192.0.2.100	198.51.100.100	ICMP	102	Øx34de ((13534)	64 Ec	no (ping)	request	id=0x002d,	seq=250/64000,	ttl=64 ((nc	
	13 2022-08-05 23:07:37.913770117	192.0.2.100	198.51.100.100	ICMP	108	0x354c	(13644)	64 Ec	no (ping)	request	id=0x002d,	seq=251/64256,	ttl=64 ((nc	
	14 2022-08-05 23:07:37.913772219	192.0.2.100	198.51.100.100	ICMP	102	0x354c	(13644)	64 Ec	no (ping)	request	id=0x002d,	seq=251/64256,	ttl=64 ((nc	
	15 2022-08-05 23:07:38.937829879	192.0.2.100	198.51.100.100	ICMP	108	0x3602 ((13826)	64 Ec	no (ping)	request	id=0x002d,	seq=252/64512,	ttl=64 ((nc	
	16 2022-08-05 23:07:38.937831215	192.0.2.100	198.51.100.100	ICMP	102	0x3602 (13826)	64 Ec	no (ping)	request	id=0x002d,	seq=252/64512,	ttl=64 ((nc	
	17 2022-08-05 23:07:39.961786128	192.0.2.100	198.51.100.100	ICMP	108	Øx36ed	(14061)	64 Ec	no (ping)	request	id=0x002d,	seq=253/64768,	ttl=64 ((nc	
	18 2022-08-05 23:07:39.961787284	192.0.2.100	198.51.100.100	ICMP	102	Øx36ed	(14061)	64 Ec	no (ping)	request	id=0x002d,	seq=253/64768,	ttl=64 ((nc	
	19 2022-08-05 23:07:40.985773090	192.0.2.100	198.51.100.100	ICMP	108	0x37d5 ((14293)	64 Ec	no (ping)	request	id=0x002d,	seq=254/65024,	ttl=64 ((nc	~
<														>	
>	Frame 2: 102 bytes on wire (816 bits), 102 bytes cap	tured (816 bits) or	n interface ca	pture_u0_3,	i 0000	a2 76	f2 00 00 2	5 00 50	56 9d e8	be 81 00 03	e9 ·v···%·P	٧٠٠٠٠		
>	Ethernet II, Src: VMware_9d:e8:be (0	0:50:56:9d:e8:be), Dst: a2:76:f2:00	:00:25 (a2:76	:f2:00:00:2	25) 0010	08 00	45 00 00 5	4 32 2e	40 00 40	01 1b 7f c0	00 ··E··T2.	6.6		
	802.1Q Virtual LAN, PRI: 0, DEI: 0,	ID: 1001				0020	02 64	c6 33 64 6	4 08 00	1e d6 00	2d 00 f5 a6	a2 ·d·3dd··			
	000 = Priority: Be	est Effort (defau	lt) (0)			0030	ed 62 (00 00 00 0	0 7a 2f	00 00 00	00 00 00 10	11 ·b····z/			
	0 = DEI: Ineligi	ible	3			0040	12 13	14 15 16 1	7 38 39	1a 10 1c	10 1e 1f 20	21 "#\$98!()	** /01		
	0011 1110 1001 = ID: 1001					0050	32 33	24 25 26 2	7 20 29	20 20 20	20 20 21 30	234567	+,/01		
	Type: IPv4 (0x0800)						52 55	J4 JJ J0 J				234307			
E	Internet Protocol Version 4, Src: 19	2.0.2.100, Dst:	198.51.100.100												
	Internet Control Message Protocol		2												
1															

Explicação

Quando uma captura de pacote em uma interface frontal é configurada, o switch captura simultaneamente cada pacote duas vezes:

- Após a inserção da marca da porta VLAN.
- Após a inserção da tag VN.

Na ordem de operações, a tag VN é inserida em um estágio posterior à inserção da tag VLAN da porta. No entanto, no arquivo de captura, o pacote com a marca VN é mostrado antes do pacote com a marca VLAN da porta.

Esta tabela resume a tarefa:

Tarefa	Ponto de captura	VLAN de porta interna em pacotes capturados	Direção	Tráfego capturado
Configurar e verificar uma captura de pacote na interface Ethernet1/2	Ethernet1/ 2	102	Somente entrada	Solicitações de eco ICMP do hos 192.0.2.100 para o host 198.51.100.100
Configurar e verificar uma captura de pacote na interface Portchannel1 com as interfaces membro Ethernet1/4 e Ethernet1/5	Ethernet1/ 4 Ethernet1/ 5	1001	Somente entrada	Solicitações de eco ICMP do hos 192.0.2.100 para o host 198.51.100.100

Capturas de pacotes nas interfaces do backplane

Use o FCM e a CLI para configurar e verificar uma captura de pacotes nas interfaces do painel traseiro.

Topologia, fluxo de pacotes e pontos de captura



Configuração

FCM

Siga estas etapas no FCM para configurar capturas de pacotes em interfaces de backplane:

1. Use Tools > Packet Capture > Capture Session para criar uma nova sessão de captura:

Overview Interfaces Logical Devices Security Engine Platform Settings	System	Tools Help admin
	Packet Capture	Troubleshooting Logs
Capture Session Filter List		
C Refresh	Capture Session Delet	e All Sessions
No Session available		

2. Para capturar pacotes em todas as interfaces de backplane, selecione o aplicativo e, em seguida, All Backplane Ports na lista suspensa Capture On. Como alternativa, escolha a interface específica do painel traseiro. Nesse caso, as interfaces de backplane Ethernet1/9 e Ethernet1/10 estão disponíveis. Forneça o Nome da Sessão e clique em Salvar e Executar para ativar a captura:

Overview Interfaces Logical Devices Security Engine Platform Settings	System Tools Help admin
Select an instance: ftd1 v	Save and Run Save Cancel
ftd1	Session Name* cap1
	Selected Interfaces None
Ethernet1/2	Buffer Size 256 MB 💌
	Snap length: 1518 Bytes
	Store Packets Overwrite Append
	Capture On Al Backplane Ports
Ethernet1/3 FTD	Capture Filter Ethernet1/9
Ethernet1/9, Ethernet1/10	Ethernet1/10 Al Backplane Ports
Ethernet1/1	

CLI FXOS

Siga estas etapas na CLI FXOS para configurar capturas de pacotes em interfaces de backplane:

1. Identificar o tipo de aplicativo e o identificador:

firepower#	scope ssa						
firepower	/ssa# show	app-instance	•				
App Name	Identifier	Slot ID	Admin State	e Oper Stat	te R	unning Version	Startup Version
Deploy Typ	e Turbo Mod	e Profile Na	ame Cluster	State Cl	luster Rol	e	
		1	Enchlod				7 2 0 82
Ita		T			/	.2.0.02	1.2.0.02
Native	NO		NOT APP.	LICADIE NO	one		
2. Cria	r uma sessã	io de captur	a:				
firepower#	scope pack	et-capture					
firepower	/packet-cap	ture # creat	e session o	cap1			
firepower	/packet-cap	ture/session	n* # create	phy-port H	Eth1/9		
firepower	/packet-cap	ture/session	/phy-port*	# set app	ftd		
firepower	/packet-cap	ture/session	/phy-port*	# set app-	-identifie	r ftd1	
firepower	/packet-cap	ture/session	/phy-port*	# up			
firepower	/packet-cap	ture/session	n* # create	e phy-port	Eth1/10		
firepower	/packet-cap	ture/session	/phy-port*	# set app	ftd		
firepower	/packet-cap	ture/session	/phy-port*	# set app-	-identifie	er ftd1	
firepower	/packet-cap	ture/session	/phy-port*	# up			
firepower	/packet-cap	ture/session	* # enable	-			
firepower	/packet-cap	ture/session	* # commit				
firepower	/packet-cap	ture/session	n #				
Vorificaçã	•						
venncaça	U						

FCM

Verifique o **nome da interface**, certifique-se de que o **status operacional** esteja ativo e que o **tamanho do arquivo (em bytes)** aumente:

Overview	Interfaces	Logical Devices Security Engine	Platfor	m Settings				System	Tools	Help	admin
Capture Ses	sion Fiter L	list									
							Capture Session	Delete Al	Sessions		
•	cap1	Drop Count: 0	Opera	ntional State: up	Buffer Size: 256 MB		Snap Length: 1518 Bytes		(٩.	8
Interface N	ame	Filter		File Size (in bytes)	File Name	Device Name					
Ethernet1/10		None		194352	cap1-ethernet-1-10-0.pcap	ftd1	⊻				
Ethernet1/9		None		286368	cap1-ethernet-1-9-0.pcap	ftd1	<u>+</u>				

CLI FXOS

Verifique os detalhes da captura em scope packet-capture:

```
firepower# scope packet-capture
firepower /packet-capture # show session cap1
Traffic Monitoring Session:
   Packet Capture Session Name: cap1
  Session: 1
  Admin State: Enabled
   Oper State: Up
   Oper State Reason: Active
   Config Success: Yes
  Config Fail Reason:
  Append Flag: Overwrite
  Session Mem Usage: 256 MB
  Session Pcap Snap Len: 1518 Bytes
  Error Code: 0
  Drop Count: 0
Physical ports involved in Packet Capture:
  Slot Id: 1
   Port Id: 10
   Pcapfile: /workspace/packet-capture/session-1/cap1-ethernet-1-10-0.pcap
   Pcapsize: 1017424 bytes
   Filter:
   Sub Interface: 0
   Application Instance Identifier: ftd1
   Application Name: ftd
   Slot Id: 1
   Port Id: 9
   Pcapfile: /workspace/packet-capture/session-1/cap1-ethernet-1-9-0.pcap
   Pcapsize: 1557432 bytes
   Filter:
   Sub Interface: 0
   Application Instance Identifier: ftd1
    Application Name: ftd
Coletar arquivos de captura
```

Siga as etapas na seção Coletar arquivos de captura do switch interno Firepower 4100/9300.

Capturar análise de arquivo

Use um aplicativo leitor de arquivo de captura de pacote para abrir os arquivos de captura. No caso de mais de uma interface de backplane, certifique-se de abrir todos os arquivos de captura para cada interface de backplane. Nesse caso, os pacotes são capturados na interface Ethernet1/9 do painel traseiro.

Selecione o primeiro e o segundo pacotes e verifique os pontos principais:

- 1. Cada pacote de solicitação de eco ICMP é capturado e mostrado duas vezes.
- 2. O cabeçalho do pacote original está sem a marca VLAN.
- 3. O switch interno insere a tag de VLAN de porta adicional **103** que identifica a interface de saída Ethernet1/3.
- 4. O switch interno insere uma marca VN adicional.

No. Time	Source Destin	nation Proto	ol Length	1P 1D	IP TTL Info		
1 2022-07-14 20:20:36.513854256	192.0.2.100 198.	.51.100.100 ICM	108	0x5990 (2	2928) 64 Echo (ping	request	id=0x0001, seq=15/3840, ttl=64 (no response found!)
2 2022-07-14 20:20:36.513857289	192.0.2.100 198.	.51.100.100 ICM	108	0x5990 (2	2928) 64 Echo (ping	;) request	id=0x0001, seq=15/3840, ttl=64 (reply in 3)
3 2022-07-14 20:20:36.514117394	198.51.100.100 192.	.0.2.100 ICM	108	Øxcc2c (5	2268) 64 Echo (ping	;) reply	id=0x0001, seq=15/3840, ttl=64 (request in 2)
4 2022-07-14 20:20:36.514119312	198.51.100.100 192.	.0.2.100 ICM	108	Øxcc2c (5	2268) 64 Echo (ping	reply	id=0x0001, seq=15/3840, ttl=64
5 2022-07-14 20:20:37.537723822	192.0.2.100 198.	.51.100.100 ICM	108	0x5a00 (2	3040) 64 Echo (ping	request	id=0x0001, seq=16/4096, ttl=64 (no response found!)
6 2022-07-14 20:20:37.537726588	192.0.2.100 198.	.51.100.100 ICM	108	0x5a00 (2	3040) 64 Echo (ping	request	id=0x0001, seq=16/4096, ttl=64 (reply in 7)
7 2022-07-14 20:20:37.538046165	198.51.100.100 192.	.0.2.100 ICM	108	0xcc9b (5	2379) 64 Echo (ping	reply	id=0x0001, seq=16/4096, ttl=64 (request in 6)
8 2022-07-14 20:20:37.538048311	198.51.100.100 192.	.0.2.100 ICM	108	Øxcc9b (5	2379) 64 Echo (ping	reply	id=0x0001, seq=16/4096, ttl=64
9 2022-07-14 20:20:38.561776064	192.0.2.100 198.	.51.100.100 ICM	108	0x5ab7 (2	3223) 64 Echo (ping	request	id=0x0001, seq=17/4352, ttl=64 (no response found!)
10 2022-07-14 20:20:38.561778310	192.0.2.100 198.	.51.100.100 ICM	108	0x5ab7 (2	3223) 64 Echo (ping	request	id=0x0001, seq=17/4352, ttl=64 (reply in 11)
11 2022-07-14 20:20:38.562048288	198.51.100.100 192.	.0.2.100 ICM	108	Oxccc4 (5	2420) 64 Echo (ping	reply	id=0x0001, seq=17/4352, ttl=64 (request in 10)
12 2022-07-14 20:20:38.562050333	198.51.100.100 192.	.0.2.100 ICM	108	Oxccc4 (5	2420) 64 Echo (ping	() reply	1d=0x0001, seq=17/4352, tt1=64
13 2022-07-14 20:20:39.585677043	192.0.2.100 198.	.51.100.100 ICM	108	0x5b46 (2	3366) 64 Echo (ping	request	id=0x0001, seq=18/4608, ttl=64 (no response found!)
14 2022-07-14 20:20:39.585678455	192.0.2.100 198.	.51.100.100 ICM	108	0x5b46 (2	(3366) 64 Echo (ping	;) request	1d=0x0001, seq=18/4608, ttl=64 (reply in 15)
15 2022-07-14 20:20:39.585936554	198.51.100.100 192.	.0.2.100 ICM	108	excasa (5	2621) 64 Echo (ping	;) reply	1d=0x0001, seq=18/4608, ttl=64 (request 1n 14)
16 2022-07-14 20:20:39.585937900	198.51.100.100 192.	.0.2.100 109	108	excasa (5	2621) 64 Echo (ping	() reply	1d=0x0001, seq=18/4608, ttl=64
17 2022-07-14 20:20:40.609804804	192.0.2.100 198.	.51.100.100 ICM	108	0x5070 (2	(3419) 64 Echo (ping	;) request	1d=0x0001, seq=19/4864, ttl=64 (no response tound)
18 2022-07-14 20:20:40.609807618	192.0.2.100 198.	.51.100.100 ICM	108	0x5b7b (2	3419) 64 Echo (ping	;) request	1d=0x0001, seq=19/4864, ttl=64 (reply in 19)
19 2022-07-14 20:20:40.610179685	198.51.100.100 192.	.0.2.100 ICM	108	excast (5	2623) 64 Echo (ping	() reply	1d=0x0001, seq=19/4864, ttl=64 (request 1n 18)
20 2022-07-14 20:20:40.610181944	198.51.100.100 192.	.0.2.100 10%	108	excest (5	2623) 64 Echo (ping	() reply	1d=0x0001, seq=19/4864, ttl=64
21 2022-07-14 20:20:41.633805153	192.0.2.100 198.	.51.100.100 109	108	0x507e (2	(3422) 64 Echo (ping	() request	10=0x0001, seq=20/5120, ttl=64 (no response tound)
22 2022-07-14 20:20:41.033800997	192.0.2.100 198.	.51.100.100 ICM	108	0x507e (2	(3422) 64 Echo (ping	() request	10=0x0001, seq=20/5120, ttl=64 (reply 10 23)
23 2022-07-14 20:20:41.034084102	100 51 100 100 102	0.2.100 ICM	108	0xce36 (5	(2790) 64 Echo (ping	() reply	id=0x0001, seq=20/5120, tt1=04 (request in 22)
24 2022-07-14 20:20:41:034083308	102 0 2 100 102	51 100 100 ICM	100	aventa ()	(2536) 64 Echo (ping	() repry	id=0x0001, seq=20/5120, tt1=04
26 2022-07-14 20:20:42:057705050	192.0.2.100 198.	51.100.100 TCM	100	avshfa (2	(13536) 64 Echo (ping) request	id=0x0001, seq=21/5376, ttl=64 (nonly in 27)
27 2022-07-14 20:20:42:057711000	198.51.100.100 192	.0.2.100 TCN	100	8xce49 (5	(2889) 64 Echo (ping) request	id=0x0001, seq=21/5376, ttl=64 (request in 26)
28 2022-07-14 20:20:42:057980075	198.51.100.100 192.	0.2.100 ICM	100	8xce49 (5	(2809) 64 Echo (ping	() reply	id=0x0001, seq=21/5376, ttl=64
20 2022-07-14 20:20:42:057501571	192.0.2.100 192.	51,100,100 TCM	108	8x5c52 (2	(ping (3634) 64 Echo (ping) request	id=0x0001, seq=22/5632, ttl=64 (no response foundl)
25 2022 01 14 201201451002150057	APETOTETICO APO		100	onsesse (e	session (pring	. request	in the second se
N .							
> Frame 1: 108 bytes on wire (864 bit	s), 108 bytes captu	red (864 bits) on i	nterface capture	_u0_8, id 0		0	000 00 50 56 9d e7 50 58 97 bd b9 77 2d 89 26 00 00 PV PX & -
> Ethernet II, Src: Cisco b9:77:2d (5	8:97:bd:b9:77:2d), I	Dst: VMware_9d:e7:5	00:50:56:9d:e	7:50)		0	00 00 00 81 00 00 67 08 00 45 00 00 54 59 90 40 00g. E. TY @
✓ VN-Tag						0	20 40 01 14 1C C0 00 02 04 C0 33 04 64 08 00 22 68 0 ·····d ·3dd··"h
e	= Direction:	: To Bridge					AAA AA
.0	= Pointer: v	vif_id				0	050 1c 1d 1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b !"# €¥&'/**
0000 0000 0000	= Destinatio	on: 0				0	2c 2d 2e 2f 30 31 32 33 34 35 36 37/0123 4567
0	= Looped: No	• 4					,,,
	= Reserved:	0					
00	= Version: 0	9					
0000 000	30 1010 = Source: 10	9					
Type: 802.1Q Virtual LAN (0x8100))						
✓ 802.1Q Virtual LAN, PRI: 0, DEI: 0,	ID: 103						
000 = Priority: 8	Best Effort (default	t) (0)					
0 = DEI: Inelig	gible						
0000 0110 0111 = ID: 103		-					
Type: IPv4 (0x0800)							
> Internet Protocol Version 4, Src: 1	92.0.2.100, Dst: 19	8.51.100.100					
Telescol Contas Heccols Dasters		2					
Internet Control Message Protocol							
Internet Control Message Protocol		_					
Internet control Message Protocol							
No. Time	Source Desti	ination Prote	col Length	PD	IP TTL Info		
No. Time 1 2022-07-14 20:20:36.513854256	Source Desti 192.0.2.100 198	nation Prote	col Length P 108	P 10 0x5990 (2	PTTL M6 22928) 64 Echo (pin	g) request	id-0xx0001, seq=15/3840, ttl=64 (no response found1)
Internet Control Pessage Protocol No. Time 1 2022-07-14 20:20:36.513854256 2 2022-07-14 20:20:36.513857209	Source Desta 192.0.2.100 198 192.0.2.100 198	ination Proto .51.100.100 ICM .51.100.100 ICM	col Length P 108 P 108	₽ D 0x5990 (2 0x5990 (2	₽TTL № 22928) 64 Echo (pin 22928) 64 Echo (pin	g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3)
Internet Control Resage Protocol No. Time 1 2022-07-14 20:20:36.513854256	Source Destination 192.0.2.100 198 192.0.2.100 198 198.51.100.100 192 198.51.100.100 192	ination Proto 51.100.100 ICM .51.100.100 ICM .0.2.100 ICM	col Length P 108 P 108 P 108	P D 0x5990 (2 0x5990 (2 0xcc2c (5 0xcc2c (5)	PTTL 146 22928) 64 Echo (pin 22928) 64 Echo (pin 52268) 64 Echo (pin 52268) 64 Echo (pin	g) request g) request g) reply	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2)
Internet Control Message Protocol No. Tme - 1 2022-07-14 20120-05.513854256 + 2 2022-07-14 20120-05.513857289 - 3 2022-07-14 20120-05.514117341 2 022-07-14 20120-05.514117341 2 0202-07-14 20120-05.514117341	Source Destination 192.0.2.100 198 192.0.2.100 198 198.51.100.100 192 198.51.100.100 192	instion Prote 5.51.100.100 ICM 5.51.100.100 ICM c.51.100.100 ICM c.0.2.100 ICM c.0.2.100 ICM	col Length p 108 p 108 p 108 p 108 p 108	PD 0x5990 (2 0x5990 (2 0xcc2c (5 0xcc2c (5	PTTL b/o 22928) 64 Echo (pin) 52268) 64 Echo (pin) 52268) 64 Echo (pin) 52268) 64 Echo (pin) 52268) 64 Echo (pin)	g) request g) request g) reply g) reply	id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64
Internet Control Pessage Protocol In. Tme 1 2022-07-14 20:20:36.513854256 2 2022-07-14 20:20:36.513857289 4 2022-07-14 20:20:36.51411734 4 2022-07-14 20:20:36.51411734 5 2022-07-14 20:20:36.51411734 5 2022-07-14 20:20:36.51411734 5 2022-07-14 20:20:36.51411734	Source Detti 192.0.2.100 198 192.0.2.100 198 198.51.100.100 192 198.51.100.100 192 192.0.2.100 198	instion Prote 1.51.100.100 ICM 1.51.100.100 ICM 0.2.100 ICM 0.2.100 ICM 1.51.100.100 ICM 0.51.100.100 ICM	Length Length P 108 P 108 P 108 P 108 P 108 P 108	PD 0x5990 (2 0x5990 (2 0xcc2c (5 0xcc2c (5 0xcc2c (5 0x5300 (2	PTTL befo 22928) 64 Echo (pin) 22928) 64 Echo (pin) 52268) 64 Echo (pin) 22928) 64 Echo (pin) 22040) 64 Echo (pin)	g) request g) request g) reply g) reply g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/14096, ttl=64 (no response foundl)
Internet Control Message Protocol No. Tme - 1 2022-07-14 20120136.513854256 - 2 2022-07-14 20120136.5141857209 - 3 2022-07-14 20120136.514117394 5 2022-07-14 20120136.514117394 5 2022-07-14 20120136.514117394 6 2022-07-14 20120136.51417394 7 2020-07-14 20120137.537725288 7 2020-07-14 20120137.53772588	Source Detts 192.0.2.100 198 192.0.2.100 198 198.551.100.100 192 198.551.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198	Institution Protect 1.51.100.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 0.0.2.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 0.0.2.100 ICM	col Length P 108 P 108 P 108 P 108 P 108 P 108 P 108	PD 0x5990 (2 0x5990 (2 0xc2c (5 0xc2c (5 0x5a00 (2 0x5a00 (2 0x5a00 (2)	PTTL bfo 22928) 64 Echo (pin) 52268) 64 Echo (pin) 523040) 64 Echo (pin) 53300) 64 Echo (pin)	g) request g) request g) reply g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7)
Internet Control Resage Protocol In. Time - 1 2022-07-14 20:20:36.513854256 - 2 2022-07-14 20:20:36.513857289 - 3 2022-07-14 20:20:36.514119312 5 2022-07-14 20:20:36.514119312 5 2022-07-14 20:20:37.537725828 6 2022-07-14 20:20:37.53725828 7 2022-07-14 20:20:37.53725846165 9 0330-01-40 20:20:37.53725588 7 2022-07-14 20:20:37.5372589	Source Destr. 192.0.2.100 198 192.0.2.100 198 198.51.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 198.51.100.100 192	nation Prote 1.51.100.100 ICM 1.51.100.100 ICM 0.2.100 ICM 5.51.100.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 0.51.100.100 ICM 0.2.100 ICM 0.2.100 ICM	col Length p 108 p 108 p 108 p 108 p 108 p 108 p 108 p 108	P D 0x5990 (2 0x5990 (2 0x5990 (2 0x520 (2 0x	P TTL 146 22928) 64 Echo (pin) 22928) 64 Echo (pin) 52268) 64 Echo (pin) 52268) 64 Echo (pin) 52268) 64 Echo (pin) 52268) 64 Echo (pin) 523040) 64 Echo (pin) 52370) 64 Echo (pin) 52370) 64 Echo (pin)	g) request g) request g) reply g) reply g) request g) request g) reply g) reply	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 id=0x0001, seq=15/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64
Internet Control Pessage Protocol No. Tme - 1 2022-07-14 20:20:36.513854256 - 2 2022-07-14 20:20:36.514117394 - 3 2022-07-14 20:20:36.514117394 - 3 2022-07-14 20:20:36.514117394 - 3 2022-07-14 20:20:37.53722522 - 6 2022-07-14 20:20:37.53725588 7 2022-07-14 20:20:37.538046156 8 2022-07-14 20:20:37.538048311 9 0022-07-14 20:20:37.538048311 9 0022-07-14 20:20:37.538048311 9 0022-07-14 20:20:37.538048311	Source Desth 192.0.2.100 198 192.0.2.100 198 198.51.100.100 192 198.51.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192	nation Prote .51.100.100 ICM .51.106.100 ICM .62.100 ICM .62.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100 ICM .51.100 ICM .51.100 ICM	Length Length P 108	P D 0x5990 (2 0x5990 (2 0x5990 (2 0x5290 (2 0x520 (2 0x5200 (2 0x5200 (2 0x5200 (2 0x5200 (2 0x5200 (2 0x520 (5 0x520 (2	PTTL Me 222283 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 33040 64 Echo (pin, 233940 64 Echo (pin, 52379 64 Echo (pin, 52379 64 Echo (pin, 52379 64 Echo (pin, 52379 64 Echo (pin,	g) request g) request g) reply g) reply g) request g) request g) reply g) reply	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (requy in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (reqly in 7) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64
Internet Control Resage Protocol No. Tme - 1 2022-07-14 20120136.513854256 2 2022-07-14 20120136.513857289 3 2022-07-14 20120136.514117394 5 2022-07-14 20120136.514117394 5 2022-07-14 20120137.53728045165 8 2022-07-14 20120137.53728046165 8 2022-07-14 20120137.538046165 9 2022-07-14 20120137.538046165 9 2022-07-14 20120137.538046165 9 2022-07-14 20120137.538046165 9 2022-07-14 20120137.538046165 9 2022-07-14 20120137.538046165 9 2022-07-14 20120137.538046165 9 2022-07-14 20120137.538046165 9 2022-07-14 20120137.538046165 9 2022-07-14 20120137.538046165 19 2022-07-14 20120137.538046165 19 2022-07-14 20120137.538046165 19 2022-07-14 20120138.5617720104 19 2022-07-14 20120138.5617720104 19 2022-07-14 20120138.5617720104	Source Desk 192.0.2.100 192 192.0.2.104 198 198.51.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 198.51.100.100 192 198.51.100.100 192 198.51.100.100 192 198.51.100.100 192 198.51.100.100 192 192.0.2.100 198 192.0.2.100 198	nation Prote , 51, 100, 100 ICM , 51, 100, 100 ICM , 62, 1100 ICM , 62, 1100 ICM , 51, 100, 100 ICM	Length Length P 108	PD 0x5990 0x5990 0xc2c 0xc2c <td>PTTL 146 22928) 64 Echo (pin 22928) 64 Echo (pin 22928) 64 Echo (pin 52068) 64 Echo (pin 52080) 64 Echo (pin 52080) 64 Echo (pin 52080) 64 Echo (pin 52080) 64 Echo (pin 52379) 64 Echo (pin 52379) 64 Echo (pin 52233) 64 Echo (pin 52233) 64 Echo (pin</td> <td>g) request g) request g) reply g) reply g) request g) reply g) reply g) reply g) request g) request</td> <td>id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (no response found1) id=0x0001, seq=16/4096, ttl=64 (no response found1) id=0x0001, seq=16/4095, ttl=64 (no response found1) id=0x0001, seq=16/4352, ttl=64 (no response found1)</td>	PTTL 146 22928) 64 Echo (pin 22928) 64 Echo (pin 22928) 64 Echo (pin 52068) 64 Echo (pin 52080) 64 Echo (pin 52080) 64 Echo (pin 52080) 64 Echo (pin 52080) 64 Echo (pin 52379) 64 Echo (pin 52379) 64 Echo (pin 52233) 64 Echo (pin 52233) 64 Echo (pin	g) request g) request g) reply g) reply g) request g) reply g) reply g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (no response found1) id=0x0001, seq=16/4096, ttl=64 (no response found1) id=0x0001, seq=16/4095, ttl=64 (no response found1) id=0x0001, seq=16/4352, ttl=64 (no response found1)
Internet Control Pessage Protocol No. Tme - 1 2022-07-14 20120136-5118554256 - 2 2022-07-14 20120136-514117394 4 2022-07-14 20120136-514117394 5 2022-07-14 20120137-537723822 6 2022-07-14 20120137,537723822 7 2022-07-14 20120137,537723822 7 2022-07-14 20120137,537723828 7 2022-07-14 20120137,537723888 9 2022-07-14 20120137,538046105 9 2022-07-14 20120137,538046114 9 2022-07-14 20120138,561776644 10 2022-07-14 20120138,561776644 10 2022-07-14 20120138,561776644 10 2022-07-14 20120138,561776644 10 2022-07-14 20120138,561776644 10 2022-07-14 20120138,561776644 10 2022-07-14 20120138,561776644	Source Detail 192.0.2.100 198 192.0.2.100 198 198.5.1.000.100 192 198.5.1.000.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 195.5.1.100.100 192 195.5.1.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.5.1.100.100 192	nation Prote .51.100.100 ICM .62.100 ICM .0.2.100 ICM	Length Length P 108	P D 0x5990 (2 0x5990 (2 0xc2c (5 0xc2c (5 0xc2c (3 0xc2c (5 0xcc4 (5	P TTL b/o P TTL b/o 64 Echo (pin, 222928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 23040) 64 Echo (pin, 23040) 64 Echo (pin, 23279) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 523723) 64 Echo (pin, 32223) 64 Echo (pin,	g) request g) reply g) reply g) reply g) request g) request g) reply g) request g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 id=0x0001, seq=16/4096, ttl=64 id=0x0001, seq=16/4096, ttl=64 id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (reply in 11)
Internet Control Message Protocol No. Tme - 1 2022-07-14 20120136.513854256 - 2 2022-07-14 20120136.514117334 - 3 2022-07-14 20120136.514117334 5 2022-07-14 20120136.514117334 5 2022-07-14 20120136.514117334 7 2022-07-14 20120137.537725222 6 2022-07-14 20120137.537725588 7 2022-07-14 20120137.5378048311 9 2022-07-14 20120137.538048311 10 2022-07-14 20120138.5617783100 11 2022-07-14 20120138.561278310 12 2022-07-14 20120138.561278310 12 2022-07-14 20120138.561278310	Source Destin 192.0.2.100 192 192.0.2.100 198 198.51.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 192 192.1.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 193.51.100.100 192 195.51.100.100 192 195.51.100.100 192 195.51.100.100 193 195.51.100.100 193	nation Prote 1,51,100,100 ICM 1,51,100,100 ICM 1,62,100 ICM 1,02,100 ICM 1,02,100 ICM 1,51,100,100 ICM 1,51,100,100 ICM 1,51,100,100 ICM 1,02,100 ICM 1,02,100 ICM 1,51,100,100 ICM 1,51,100,100 ICM 1,02,110 ICM 1,02,110 ICM	col Length p 108 p 10	P D 0x5990 (2 0xc2cc (5 0xc390 (2 0xc2c (5 0xc300 (2 0xc9b (5 0xc4p (5 0xc5p (2 0xcc4 (2	PTTL Me 222228) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 523040) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52323) 64 Echo (pin, 52323) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin,	g) request g) reply g) reply g) reply g) request g) reply g) reply g) request g) request g) reply g) reply	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (reqly in 7) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (reqly in 11) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10)
Internet Control Pessage Protocol No. Tme - 1 2022-07-14 20120136.513854256 2 2022-07-14 20120136.513857289 3 2022-07-14 20120136.514117394 5 2022-07-14 20120136.514117394 5 2022-07-14 20120137.53772658 7 2022-07-14 20120137.53772658 9 2022-07-14 20120137.53772658 10 2022-07-14 20120137.53772658 10 2022-07-14 20120138.561778310 11 2022-07-14 20120138.562048288 12 2022-07-14 20120138.562048288 13 2022-07-14 20120138.56204838 13 2022-07-14 20120138.56204838	Source Detth 192.0.2.100 108 192.0.2.100 108 192.0.2.100 108 195.51.100.100 192 192.0.2.100 108 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.51.100.100 192 192.51.100.100 192 192.51.100.100 192 192.51.100.100 192 192.62.100 108 192.62.100 108	Print Print 1.51.100.100 ICM 1.51.100.100 ICM 0.2.100 ICM 0.2.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 0.2.100 ICM 0.2.100 ICM 0.2.100 ICM 0.2.100 ICM 0.2.100 ICM 1.51.100.100 ICM	Length Length p 108	P D 0x5990 (2 0x5990 (2 0xc2c (5 0xcc4 (5 0xcc4 (5 0xcc4 (5	PTTL b/o PTTL b/o 64 Echo (pin) 222928) 64 Echo (pin) 52268) 64 Echo (pin) 52268) 64 Echo (pin) 23040) 64 Echo (pin) 52379) 64 Echo (pin) 52379) 64 Echo (pin) 52379) 64 Echo (pin) 52379) 64 Echo (pin) 52373) 64 Echo (pin) 52323) 64 Echo (pin) 523240) 64 Echo (pin) 52420) 64 Echo (pin) 52420 64 Echo (pin) 52420 64 Echo (pin) 52420 64 Echo (pin) 52420 54 Echo (pin) 52420 54 Echo (pin) 52420 54 Echo (pin)	g) request g) reply g) reply g) reply g) request g) reply g) reply g) reply g) reply g) reply g) reply	id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (no response found1) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (reply in 11)
Internet Control Nessage Protocol No. Tme - 1 2022-07-14 20:20:36.5138554256 - 2 2022-07-14 20:20:36.514117394 4 2022-07-14 20:20:36.514117394 4 2022-07-14 20:20:36.514117394 - 30:22:07.14 20:20:37.53722658 7 2022-07-14 20:20:37.53725588 - 7:3538046165 8:2022-07-14 20:20:37.53726488 9 2022-07-14 20:20:37.53726588 - 7:3538046165 8:2022-07-14 20:20:37.538046165 9 2022-07-14 20:20:38.5617768310 11 2022-07-14 20:20:38.561778310 11 2022-07-14 20:20:38.56205403331 13 2022-07-14 20:20:39.5856770433 14 20:20-07-14 20:20:39.5856770433 14 20:20:07-14 20:20:39.5856770433	Source Destin 192.0.2.100 192 192.0.2.100 198 198.5.1.000.100 192 198.5.1.000.100 192 192.0.2.100 198 195.5.1.000.100 192 192.0.2.100 198 198.5.1.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 198.5.1.100.100 192 198.5.1.00.100 192 198.5.1.00.100 192 198.5.1.00.100 192 198.5.1.00.100 192 198.5.1.00.100 192 198.5.1.00.100 192 198.5.1.00.100 192 192.0.2.100 198	nation Prote .51.100.100 ICM .62.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .51.100.100 ICM	ccal Length p 108 p 108	P D 0x5990 (1 0x5990 (2 0xc290 (2 0xc2c (5 0xc2c (2 0xc2c (3 0xc2c (3 0xc2c (2 0xc2c (3 0xc2c (3 0xc2c (4 0xcc4 (5 0xcc4 (5 0xcc4 (5 0xcc4 (5 0xb46 (2	P TTL Me 222283 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 32440 64 Echo (pin, 32340 64 Echo (pin, 52379 64 Echo (pin, 52379 64 Echo (pin, 52373 64 Echo (pin, 52323 64 Echo (pin, 52420 64 Echo (pin, 52420 64 Echo (pin, 32366 64 Echo (pin,	g) request g) reply g) reply g) reply g) request g) request g) request g) request g) request g) reply g) request g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (ro response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (ro response foundl) id=0x0001, seq=17/4352, ttl=64 (ro response foundl) id=0x0001, seq=17/4352, ttl=64 (ro response foundl)
Internet Control Message Protocol Na. Tme - 1 2022-07-14 20120136.513854256 - 2 2022-07-14 20120136.514187249 - 3 2022-07-14 20120136.514117314 5 2022-07-14 20120136.514117314 5 2022-07-14 20120137.537726588 7 2022-07-14 20120137.537726588 7 2022-07-14 20120137.5378046311 8 2022-07-14 20120137.5378046311 10 2022-07-14 20120137.538046311 11 2022-07-14 20120137.538046311 12 2022-07-14 20120137.552670403 13 2022-07-14 20120139.5565770404 14 20120139.5565770403 13 2022-07-14 20120139.5565770403 14 2022-07-14 20120139.556577043 13 2022-07-14 20120139.556577043 14 2022-07-14 20120139.556577043 13 2022-07-14 20120139.556577043 14 2022-07-14 20139.556577043 15 2022-07-14 20120139.556577043 16 2022-07-14 20120139.556577043 17 2022-07-14 20120139.556577043 18 2022-07-14 20120139.556577043 19 2022-07-14 20120139.556577043 19 2022-07-14 20139.556577043 19 2022-07-14 20139.556577043 19 2022-07-14 20139.556577043 <t< td=""><td>Source Dett 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 109 198, 51, 100, 100 192 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 195, 51, 100, 100 192 195, 51, 100, 100 192 196, 51, 100, 100 192 196, 51, 100, 100 192 196, 51, 100, 100 192 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108</td><td>nation Protect 1.51.100.100 ICM 1.51.100.100 ICM 0.2.100 ICM 0.2.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 0.2.100 ICM 0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .6.2.100 ICM</td><td>cal Length</td><td>P D 0x5990 (2) 0xc290 (2) 0xcc2c (5) 0xcc2c (2) 0xcab 0xcc2b (5) 0xcab (2) 0xcab (2)</td><td>P TTL 106 222228) 64 Echo (pin, 52268) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52323) 64 Echo (pin, 52223) 64 Echo (pin, 522230) 64 Echo (pin, 522230) 64 Echo (pin, 522420) 64 Echo (pin, 52366) 64 Echo (pin, 52366) 64 Echo (pin, 52621) 64 Echo (pin,</td><td>g) request g) reply g) reply g) reply g) reply g) request g) reply g) request g) reply g) request g) reply g) request g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (no response found1) id=0x0001, seq=16/4096, ttl=64 (no response found1) id=0x0001, seq=17/4352, ttl=64 (no) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=18/4608, ttl=64 (request in 14)</td></t<>	Source Dett 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 109 198, 51, 100, 100 192 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 195, 51, 100, 100 192 195, 51, 100, 100 192 196, 51, 100, 100 192 196, 51, 100, 100 192 196, 51, 100, 100 192 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108 192, 0, 2, 100 108	nation Protect 1.51.100.100 ICM 1.51.100.100 ICM 0.2.100 ICM 0.2.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 0.2.100 ICM 0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .6.2.100 ICM	cal Length	P D 0x5990 (2) 0xc290 (2) 0xcc2c (5) 0xcc2c (2) 0xcab 0xcc2b (5) 0xcab (2)	P TTL 106 222228) 64 Echo (pin, 52268) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52323) 64 Echo (pin, 52223) 64 Echo (pin, 522230) 64 Echo (pin, 522230) 64 Echo (pin, 522420) 64 Echo (pin, 52366) 64 Echo (pin, 52366) 64 Echo (pin, 52621) 64 Echo (pin,	g) request g) reply g) reply g) reply g) reply g) request g) reply g) request g) reply g) request g) reply g) request g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (no response found1) id=0x0001, seq=16/4096, ttl=64 (no response found1) id=0x0001, seq=17/4352, ttl=64 (no) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=18/4608, ttl=64 (request in 14)
Internet Control Resage Protocol No. Tme - 1 2022-07-14 20120136-513854256 - 2 2022-07-14 20120136-514117394 4 2022-07-14 20120136-514117394 4 2022-07-14 20120137-537723822 6 2022-07-14 20120137-537723822 7 2022-07-14 20120137-537723822 7 2022-07-14 20120137-53772588 7 2022-07-14 20120137-53772588 7 2022-07-14 20120137-53772588 7 2022-07-14 20120137-53772588 7 2022-07-14 20120137-53772688 1 2022-07-14 20120138-501770631 1 2022-07-14 20120138-501770310 1 2022-07-14 20120138-562050333 1 3022-07-14 20120138-562050333 1 3022-07-14 20120138-562050333 1 3 2022-07-14 20120138-562050333 1 3 2022-07-14 20120138-562050333 1 3 2022-07-14 20120138-562050333 1 3 2022-07-14 20120138-562050333 1 3 2022-07-14 20120138-562050333 1 3 2022-07-14 20120138-562050333 1 3 2022-07-14 20120138-562050333 1 3 2022-07-14 20120138-562050333 1 3 2022-07-14 20120138-562050333 1 3 2022-07-14 20120138-562050333 1 3 2022-07-14 20120138-56305453 1 6	Source Detail 192.0.2.100 193 192.0.2.100 193 198.5.1.100.100 192 198.5.1.100.100 192 192.0.2.100 193 193.5.1.100.100 192 192.0.2.100 193 193.5.1.100.100 192 192.0.2.100 193 192.0.2.100 193 192.5.1.100.100 192 192.5.1.00.100 192 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 193.5.1.100.100 192 195.5.1.100.100 192	Nation Prote 5.5.1.00.100 ICM .0.2.100 ICM	cal Length P 108 P 10	PD 0x5990 0xc2c 0xcc4 0xcc4 <td>P TTL b/o 222283 64 Echo (pin, 22283) 222828 64 Echo (pin, 22084) 22283 64 Echo (pin, 22084) 22283 64 Echo (pin, 22084) 22340 64 Echo (pin, 22084) 22340 64 Echo (pin, 22084) 23379 64 Echo (pin, 22379) 232379 64 Echo (pin, 23223) 232233 64 Echo (pin, 23223) 232420 64 Echo (pin, 23264) 23366 64 Echo (pin, 23666) 23366 64 Echo (pin, 23261) 24 Echo (pin, 23261) 64 Echo (pin, 23661)</td> <td>g) request g) reply g) reply g) reply g) request g) request g) request g) request g) request g) request g) request g) request g) request g) request</td> <td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (reqly in 11) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14)</td>	P TTL b/o 222283 64 Echo (pin, 22283) 222828 64 Echo (pin, 22084) 22283 64 Echo (pin, 22084) 22283 64 Echo (pin, 22084) 22340 64 Echo (pin, 22084) 22340 64 Echo (pin, 22084) 23379 64 Echo (pin, 22379) 232379 64 Echo (pin, 23223) 232233 64 Echo (pin, 23223) 232420 64 Echo (pin, 23264) 23366 64 Echo (pin, 23666) 23366 64 Echo (pin, 23261) 24 Echo (pin, 23261) 64 Echo (pin, 23661)	g) request g) reply g) reply g) reply g) request g) request g) request g) request g) request g) request g) request g) request g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (reqly in 11) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14)
Internet Control Message Protocol No. Tme - 1 2022-07-14 20120136,513854256 - 2 2022-07-14 20120136,513857289 - 3 2022-07-14 20120136,5514117394 5 2022-07-14 20120136,5514117394 5 2022-07-14 20120136,5514117394 7 2022-07-14 20120137,537725222 6 2022-07-14 20120137,5377252588 7 2022-07-14 20120137,5380468311 9 2022-07-14 20120137,5380468311 10 2022-07-14 20120138,56177831 11 2022-07-14 20120139,585677043 12 2022-07-14 20120139,585677043 14 2022-07-14 20120139,585677043 14 2022-07-14 20120139,585937900 17 2022-07-14 20120139,585937900 17 2022-07-14 20120139,585937900 17 2022-07-14 20120139,585937900	Source Destin 192.0.2.100 193 192.0.2.100 198 198.5.1.100.100 192 192.0.2.100 198 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 193	nation Prote 1,51,100,100 ICM 1,51,100,100 ICM 1,62,1100 ICM 1,62,1100 ICM 1,62,1100 ICM 1,62,1100 ICM 1,51,100,100 ICM 1,51,100,100 ICM 1,62,1100 ICM 1,51,100,100 ICM 1,51,100,100 ICM 1,51,100,100 ICM 1,51,100,100 ICM 5,51,100,100 ICM 1,51,100,100 ICM 5,51,100,100 ICM	Length Length 0 108	P D 0x5590 (2 0xc2c (2 0xc2c (2 0xc2c (2 0xc2c (2 0x5300 (2 0xcc2c (2 0xc2c (2 0xc2c (2 0xcc4 (2 0xcc4 (2 0xcb46 (2 0xcd8d (2 0xcd8d (2	PTTL Me 222283 64 Echo (pin, 52268) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52366) 64 Echo (pin, 52366) 64 Echo (pin, 52621) 64 Echo (pin,	g) request g) request g) reply g) reply g) request g) request g) request g) request g) request g) request g) request g) request g) reply g) reply g) reply g) reply	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (reqly in 7) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (reqluest in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14)
Internet Control Nessage Protocol No. Tme - 1 2022-07-14 20120136-5138554256 - 2 2022-07-14 20120136-513857280 - 2 2022-07-14 20120136-514117394 4 2022-07-14 20120136-514117394 5 2022-07-14 20120137.537723822 6 2022-07-14 20120137.537723824 7 2022-07-14 20120137.537723824 9 2022-07-14 20120137.538046156 9 2022-07-14 20120137.538046166 10 2022-07-14 20120138.561776688 12 2022-07-14 20120138.561778310 11 2022-07-14 20120138.561767433 12 2022-07-14 20120139.585577043 14 2022-07-14 20120139.585577043 14 2022-07-14 20120139.5855780554 15 2022-07-14 20120139.5855780554 16 2022-07-14 20120139.5855780554 16 2022-07-14 20120139.5855780554 16 2022-07-14 20120139.5855780554 16 2022-07-14 20120139.5855780554 16 2022-07-14 20120139.5855780554 17 2022-07-14 20120130.60980511 18 2022-07-14 20120140.60980711 18 2022-07-14 20120140.60980715	Source Destination 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 198.5.1.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198	Nullow Protect 5.51.100.100 ICM 5.51.100.100 ICM .6.2.100 ICM .6.2.100 ICM .51.100.100 ICM .51.100.100 ICM .6.2.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM	Cal Length P 108 P 108 108	P D 0x5090 0x5292 0x5294 0x5294 0x5294 0x5294 0x5294 0x5297 0x5297	P TTL b/o 222928) 64 Echo (pin, 222928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 23040) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52336) 64 Echo (pin, 52366) 64 Echo (pin, 52366) 64 Echo (pin, 52621) 64 Echo (pin, 524249) 64 Echo (pin, 52366) 64 Echo (pin, 52421) 64 Echo (pin, 52424) 64 Echo (pin, 52424) 64 Echo (pin, <t< td=""><td>g) request g) request g) reply g) reply g) request g) request g) request g) request g) reply g) reply g) request g) reply g) reply g) request g) reply g) reply g) request g) reply g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (repuest in 2) id=0x0001, seq=15/3840, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=18/4608, ttl=64 (reply in 11) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 14) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15)</td></t<>	g) request g) request g) reply g) reply g) request g) request g) request g) request g) reply g) reply g) request g) reply g) reply g) request g) reply g) reply g) request g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (repuest in 2) id=0x0001, seq=15/3840, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=18/4608, ttl=64 (reply in 11) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 14) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15)
Internet Control Nessage Protocol No. Tme - 1 2022-07-14 2012:036.513855256 - 2 2022-07-14 2012:036.513857289 + 3 3022-07-14 2012:036.514117394 5 2022-07-14 2012:037.537725258 7 2022-07-14 2012:037.53772558 7 2022-07-14 2012:037.53772658 7 2022-07-14 2012:037.53772658 7 2022-07-14 2012:037.53772658 7 2022-07-14 2012:038.561776664 10 2022-07-14 2012:038.561776614 10 2022-07-14 2012:038.561776614 10 2022-07-14 2012:038.561776614 10 2022-07-14 2012:038.56177631 14 2022-07-14 2012:038.561776631 12 2022-07-14 2012:039.585677453 14 2022-07-14 2012:039.585673555 15 2022-07-14 2012:039.585673555 15 2022-07-14 2012:039.5859375900 17 2012:07-14 2012:040.6098464804 18 2022-07-14 2012:040.6098464804 18 2022-07-14 2012:040.6098464804 18	Source Description 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 193 193.51.100.100 192 194.51.100.100 192 195.51.100.100 192 195.51.100.100 192 192.0.2.100 198 192.0.2.100 198 195.51.100.100 192 192.0.2.100 198 195.51.100.100 192 192.0.2.100 198 195.51.100.100 192 192.0.2.100 198 195.51.100.100 192 192.0.2.100 198 195.51.100.100 192 195.51.100.100 192 195.51.100.100 192	nation Prote .51.100.100 ICM .62.100 ICM .0.2.100 ICM	ccal Length p 108 p 108	P D 0x5990 (2 0x5900 (2 0x5200 (2 0x520 (2 0x5300 (2 0x5300 (2 0x5300 (2 0x530 (2 0x530 (2 0x530 (2 0x530 (2 0x530 (2 0x50 (2	P TTL Me 222283 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 23440 64 Echo (pin, 23440 64 Echo (pin, 232379 64 Echo (pin, 522739 64 Echo (pin, 52233 64 Echo (pin, 522420 64 Echo (pin, 52420 64 Echo (pin, 52366 64 Echo (pin, 52366 64 Echo (pin, 52621 64 Echo (pin, 52621 64 Echo (pin, 52419 64 Echo (pin, 52621 64 Echo (pin, 52439 64 Echo (pin, 52621 64 Echo (pin, 52621 64 Echo (pin, 52621 64 Echo (pin, 52623 64 Echo (pin, 526	g) request g) reply g) reply	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (reply in 15)
Internet Control Nessage Protocol No. Tme - 1 2022-07-14 2012-03.6 513854256 - 2 2022-07-14 2012-03.6 513857289 - 3 2022-07-14 2012-03.6 514117394 4 2022-07-14 2012-03.6 514117394 5 2022-07-14 2012-03.6 514117394 6 2022-07-14 2012-03.7 53720528 7 2022-07-14 2012-03.7 53720588 7 2022-07-14 2012-03.7 538046165 8 2022-07-14 2012-03.8 561776064 10 2022-07-14 2012-03.8 562050333 13 2022-07-14 2012-03.9 585077043 14 2012-07-14 2012-03.9 585077043 12 2012-07-14 2012-03.9 585077043 12 2012-07-14 2012-03.9 585077043 12 2012-07-14 2012-03.9 585077043 <td< td=""><td>Source Dest 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 195.5.1.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 193.0.100</td><td>Number Protect 1.51.100.100 ICM 1.51.100.100 ICM 0.5.1.00 ICM 0.6.2.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 0.2.100 ICM 0.2.100 ICM 1.51.100.100 ICM 0.2.100 ICM 0.2.100 ICM 0.2.100 ICM 0.2.100 ICM 51.100.100 ICM 51.100.100 ICM 51.100.100 ICM 0.2.100 ICM 51.100.100 ICM 51.100.100 ICM 0.2.100 ICM 0.2.100 ICM 0.2.100 ICM 0.2.100 ICM</td><td>Langth Langth 0 108</td><td>P 10 0x53990 (7) 0xcc2xc (2) 0xcc4xc (2) 0xcc4xc (2) 0xcb4xb (2) 0xcc4xd (2) 0xcb4xb (2) 0xcc4xd (2) 0xcc4xd (2) 0xcc4xd (2) 0xcc4xd (2) 0xcc4xd (2) 0xcb4xb (2) 0xcd4xd (2) 0xcd4xd (2) 0xcd4xd (2)</td><td>PTTL b/b 222928) 64 Echo (pin, 222928) 64 Echo (pin, 222928) 64 Echo (pin, 222028) 64 Echo (pin, 222028) 64 Echo (pin, 220268) 64 Echo (pin, 220400) 64 Echo (pin, 22379) 64 Echo (pin, 23233) 64 Echo (pin, 23223) 64 Echo (pin, 23223) 64 Echo (pin, 23240) 64 Echo (pin, 23266) 64 Echo (pin, 23261) 64 Echo (pin, 23261) 64 Echo (pin, 23419) 64 Echo (pin, 23419 64 Echo (pin, 23243) 64 Echo (pin, <</td><td>g) request g) reply g) reply g) reply g) reply g) reply g) request g) request g) reply g) request g) reply g) request g) reply g) request g) request g) request g) request g) request g) reply g) reply</td><td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (request in 16) id=0x0001, seq=17/4352, ttl=64 (request in 19) id=0x0001, seq=17/4352, ttl=64 (request in 19) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18)</td></td<>	Source Dest 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 195.5.1.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 193.0.100	Number Protect 1.51.100.100 ICM 1.51.100.100 ICM 0.5.1.00 ICM 0.6.2.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 0.2.100 ICM 0.2.100 ICM 1.51.100.100 ICM 0.2.100 ICM 0.2.100 ICM 0.2.100 ICM 0.2.100 ICM 51.100.100 ICM 51.100.100 ICM 51.100.100 ICM 0.2.100 ICM 51.100.100 ICM 51.100.100 ICM 0.2.100 ICM 0.2.100 ICM 0.2.100 ICM 0.2.100 ICM	Langth Langth 0 108	P 10 0x53990 (7) 0xcc2xc (2) 0xcc4xc (2) 0xcc4xc (2) 0xcb4xb (2) 0xcc4xd (2) 0xcb4xb (2) 0xcc4xd (2) 0xcc4xd (2) 0xcc4xd (2) 0xcc4xd (2) 0xcc4xd (2) 0xcb4xb (2) 0xcd4xd (2) 0xcd4xd (2) 0xcd4xd (2)	PTTL b/b 222928) 64 Echo (pin, 222928) 64 Echo (pin, 222928) 64 Echo (pin, 222028) 64 Echo (pin, 222028) 64 Echo (pin, 220268) 64 Echo (pin, 220400) 64 Echo (pin, 22379) 64 Echo (pin, 23233) 64 Echo (pin, 23223) 64 Echo (pin, 23223) 64 Echo (pin, 23240) 64 Echo (pin, 23266) 64 Echo (pin, 23261) 64 Echo (pin, 23261) 64 Echo (pin, 23419) 64 Echo (pin, 23419 64 Echo (pin, 23243) 64 Echo (pin, <	g) request g) reply g) reply g) reply g) reply g) reply g) request g) request g) reply g) request g) reply g) request g) reply g) request g) request g) request g) request g) request g) reply g) reply	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (request in 16) id=0x0001, seq=17/4352, ttl=64 (request in 19) id=0x0001, seq=17/4352, ttl=64 (request in 19) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18)
Internet Control Nessage Protocol No. Tme - 1 2022-07-14 2012:03:65.513855266 - 2 2022-07-14 2012:03:65.513855266 - 3 2022-07-14 - 3 2022-07-14 2012:03:75.537723822 -	Source Detail 192.0.2.100 193 192.0.2.100 193 198.5.1.100.100 192 198.5.1.100.100 192 192.0.2.100 193 192.0.2.100 192 192.0.2.100 192 192.0.2.100 193 192.0.2.100 192 192.1.100.100 192 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 193.5.1.100.100 192 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.10	nation Prote 5.5.1.00.100 ICM .6.2.100 ICM .5.1.100.100 ICM .6.2.100 ICM	cal Length p 108 p 10	P ID 0x5990 (2) 0x5990 (2) 0x5290 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc24 (2) 0xc25 (2) 0xc25 (2) 0xc25 (2) 0xc25 (2) 0xc26 (2) 0	P TTL Me 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22028) 64 Echo (pin, 22028) 64 Echo (pin, 22028) 64 Echo (pin, 22028) 64 Echo (pin, 23040) 64 Echo (pin, 23040) 64 Echo (pin, 23237) 64 Echo (pin, 23237) 64 Echo (pin, 23223) 64 Echo (pin, 23223) 64 Echo (pin, 232420) 64 Echo (pin, 23366 64 Echo (pin, 232420) 64 Echo (pin, 232420) 64 Echo (pin, 232420) 64 Echo (pin, 23246 64 Echo (pin, 23241) 64 Echo (pin, 23241) 64 Echo (pin, 23419) 64 Echo (pin, 25623) 64 Echo (pin, 2562420 64 Echo (pin, <tr< td=""><td>g) request g) reply g) reply g) reply g) reply g) reply g) request g) reply g) request g) reply g) reply g) reply g) reply g) request g) request g) request g) reply g) reply g) reply g) reply g) reply g) reply g) reply g) reply</td><td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4364, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (reply in 15) id=0x0001, seq=19/4864, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (reply in 19) id=0x0001, seq=19/4864, ttl=64 (reply in 18) id=0x0001, seq=29/14864, ttl=64 (request in 18) id=0x0001, seq=29/14864, ttl=64 (request in 18)</td></tr<>	g) request g) reply g) reply g) reply g) reply g) reply g) request g) reply g) request g) reply g) reply g) reply g) reply g) request g) request g) request g) reply g) reply g) reply g) reply g) reply g) reply g) reply g) reply	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4364, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (reply in 15) id=0x0001, seq=19/4864, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (reply in 19) id=0x0001, seq=19/4864, ttl=64 (reply in 18) id=0x0001, seq=29/14864, ttl=64 (request in 18) id=0x0001, seq=29/14864, ttl=64 (request in 18)
Internet Control Nessage Protocol No. Tme - 1 2022-07-14 2012:06:513857289 - 2 2022-07-14 2012:06:513857289 - - 3 2022-07-14 2012:06:513857289 - 3 2022-07-14 2012:06:514117394 - 2012:07:14 2012:07:5725282 - - 3 2012:07:14 2012:07:5735728292 - - 2012:07:07:07:072588 - 2012:07:07:072588 - 2012:07:07:072588 - 2012:07:07:072588 - 2012:07:07:04 - 2012:07:064 1 2012:07:07:04 - - 2012:07:064 1 2012:07:07:04 - - - 2012:07:064 - - - - - 2012:07:064 -	Source Dett 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 195, 51, 100, 100 192 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 192 192, 0, 2, 100 192 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 195, 51, 100, 100 192 195, 51, 100, 100 192 195, 51, 100, 100 192 195, 51, 100, 100 192 195, 51, 100, 100 192 195, 51, 100, 100 192 195, 51, 100, 100 192	Notion Protect 1.51.100.100 ICM 1.51.100.100 ICM 0.2.100 ICM 0.2.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 1.51.100.100 ICM 0.2.100 ICM	Length Length 0 108 0	P D 0x5990 (2) 0x5290 (2) 0xcc2c (2) 0xcc2c (2) 0xcacb (2) 0xcab(2) 0xca(2)	PTTL Me 22228) 64 Echo (pin, 52268) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52422) 64 Echo (pin, 52422) 64 Echo (pin,	g) request g) request g) reply g) reply g) reply g) reply g) request g) request g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (reqluest in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=29/5120, ttl=64 (no response foundl)
Internet Control Nessage Protocol No. Tme - 1 2022-07-14 2012:01:36.513855256 - 2 2022-07-14 2012:01:36.513857269 - 3 3022-07-14 2012:01:36.514119312 - 3 2022-07-14 2012:01:37.53772588 7 2022-07-14 2012:01:37.53772588 7 2022-07-14 2012:01:37.53772588 7 2022-07-14 2012:01:37.53772588 7 2022-07-14 2012:01:37.538046155 8 2022-07-14 2012:01:38.561776041 10 2022-07-14 2012:01:38.561776041 11 2022-07-14 2012:01:38.55074033 11 2022-07-14 2012:01:39.555573555 15 2022-07-14 2012:01:39.555573555 15 2022-07-14 2012:01:39.5555730555 15 2022-07-14 2012:01:30.561770433 18 2022-07-14 2012:01:30.561770433 18 2022-07-14 2012:01:30.5615770433 19 2022-07-14 2012:01:30.561570453 12 2022-07-14 2012:01:30.561570453 12 2022-07-14 2012:01:30.561570453 12 2022-07-14 2012:01:30.561570453 12 2022-07-14 2012:01:30.561570453 12 2022-07-14 2012:01:30.561570453 12 2022-07-14 2012:01:30.561570453 12 2022-07-14 2012:01:40.6099071043 12 2022-07-14 2012:01:40.6099071043 12 2022-07-14 2012:01:40.60990712 20 2022-07-14 2012:01:40.610181944 21 2022-07-14 2012:01:40.6103805153 2	Source Destination 192.0.2.100 193 192.0.2.100 193 198.5.1.100.100 192 198.5.1.100.100 192 192.0.2.100 193 193.5.1.100.100 192 192.0.2.100 193 193.5.1.100.100 192 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 194 192	Nullow Parts .51.100.100 ICK .52.106.100 ICK .0.2.100 ICK .0.2.100 ICK .51.100.100 ICK .51.100.100 ICK .51.100.100 ICK .0.2.100 ICK	Langth Langth p 108 p	P ID 0x5990 (2 0xc2c2 (2 0xc2c2 (2 0xc2c4 (2 0xc300 (2 0xc400 (2 <td>P TTL 146 222228 64 Echo (pin, 22228) 64 Echo (pin, 22288) 64 Echo (pin, 22288) 52268 64 Echo (pin, 223040) 52268 64 Echo (pin, 223040) 64 Echo (pin, 223040) 64 Echo (pin, 223040) 52379 64 Echo (pin, 22379) 52379 64 Echo (pin, 23223) 52379 64 Echo (pin, 23223) 524209 64 Echo (pin, 232366) 524209 64 Echo (pin, 23261) 524209 64 Echo (pin, 23261) 524201 64 Echo (pin, 23261) 524203 64 Echo (pin, 23261) 524203 64 Echo (pin, 23261) 524204 64 Echo (pin, 23419) 52621 64 Echo (pin, 23419) 52623 64 Echo (pin, 23422) 52790 64 Echo (pin, 23422) 52790 64 Echo (pin, 23422)</td> <td>g) request g) request g) reply g) reply g) request g) request</td> <td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (repust in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (reply in 12) id=0x0001, seq=17/4352, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=19/4864, ttl=64 (reply in 19) id=0x0001, seq=20/5120, ttl=64 (reply in 23) id=0x0001, seq=20/5120, ttl=64 (reply in 23) id=0x0001, seq=20/5120, ttl=64 (reply in 23)</td>	P TTL 146 222228 64 Echo (pin, 22228) 64 Echo (pin, 22288) 64 Echo (pin, 22288) 52268 64 Echo (pin, 223040) 52268 64 Echo (pin, 223040) 64 Echo (pin, 223040) 64 Echo (pin, 223040) 52379 64 Echo (pin, 22379) 52379 64 Echo (pin, 23223) 52379 64 Echo (pin, 23223) 524209 64 Echo (pin, 232366) 524209 64 Echo (pin, 23261) 524209 64 Echo (pin, 23261) 524201 64 Echo (pin, 23261) 524203 64 Echo (pin, 23261) 524203 64 Echo (pin, 23261) 524204 64 Echo (pin, 23419) 52621 64 Echo (pin, 23419) 52623 64 Echo (pin, 23422) 52790 64 Echo (pin, 23422) 52790 64 Echo (pin, 23422)	g) request g) request g) reply g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (repust in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (reply in 12) id=0x0001, seq=17/4352, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=19/4864, ttl=64 (reply in 19) id=0x0001, seq=20/5120, ttl=64 (reply in 23) id=0x0001, seq=20/5120, ttl=64 (reply in 23) id=0x0001, seq=20/5120, ttl=64 (reply in 23)
Internet Control Ressage Protocol In. Tme - 1 2022-07-14 20:20:36.513857289 - 2 2022-07-14 20:20:36.514117394 42:20:36.514117394 5 2022-07-14 20:20:36.514117394 42:20:37.53772522 6 7 2022-07-14 20:20:36.514117394 53:20:27.53772522 6 7 20:20-07-14 20:20:37.537725288 7:20:22-07-14 20:20:37.537726588 7 20:22-07-14 20:20:38.561776310 11<20:22-07-14	Source Description 192.0.2.100 193 192.0.2.100 193 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 193.5.1.100.100 192 194.5.1.00.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100<	nation Prote .51.100.100 ICM .62.100 ICM .02.100 ICM .03.100.100 ICM .02.100 ICM .02.100 ICM .02.100 ICM .02.100 ICM .02.100 ICM <td< td=""><td>ccal Length p 108 p 108</td><td>P D 0x5990 (2 0x5900 (2 0x5200 (2 0x520 (2 0x5300 (2 0x5300 (2 0x5300 (2 0x5307 (2 0x5307 (2 0x5307 (2 0x5307 (2 0x5307 (2 0x507 (2</td><td>P TTL Me 222283 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 23400 64 Echo (pin, 23440 64 Echo (pin, 232379 64 Echo (pin, 522739 64 Echo (pin, 52233 64 Echo (pin, 522420 64 Echo (pin, 52420 64 Echo (pin, 52420 64 Echo (pin, 52621 64 Echo (pin, 52621 64 Echo (pin, 52623 64 Echo (pin, 526</td><td>g) request g) request g) reply g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22)</td></td<>	ccal Length p 108 p 108	P D 0x5990 (2 0x5900 (2 0x5200 (2 0x520 (2 0x5300 (2 0x5300 (2 0x5300 (2 0x5307 (2 0x5307 (2 0x5307 (2 0x5307 (2 0x5307 (2 0x507 (2	P TTL Me 222283 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 23400 64 Echo (pin, 23440 64 Echo (pin, 232379 64 Echo (pin, 522739 64 Echo (pin, 52233 64 Echo (pin, 522420 64 Echo (pin, 52420 64 Echo (pin, 52420 64 Echo (pin, 52621 64 Echo (pin, 52621 64 Echo (pin, 52623 64 Echo (pin, 526	g) request g) request g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22)
Internet Control Nessage Protocol No. Tme - 1 2022-07-14 2012-03.6, 51385-256 - 2 2022-07-14 2012-03.6, 51385-256 - 3 2022-07-14 2012-03.6, 514117394 - 3 2022-07-14 2012-03.6, 514117394 - 3 2022-07-14 2012-03.6, 514117394 - 3 2022-07-14 2012-03.6, 514117394 - 3 2022-07-14 2012-03.7, 537726588 7 2022-07-14 2012-03.7, 537046165 8 2022-07-14 2012-03.5, 501776310 10 2022-07-14 2012-03.5, 501776310 11 2022-07-14 2012-03.5, 505777643 12 2022-07-14 2012-03.5, 5059757043 14 2012-03.5, 505975743 14 2022-07-14 2012-03.5, 505975743 14 2012-03.5, 505977043 14 2012-07-14 2012-03.5, 505977043 14 2012-03.5, 505977043 14 2012-07-14 2012-03.5, 505977043 14 2012-07.14	Source Dest 1920.2.100 198 1920.2.100 198 1920.2.100 192 19551.100.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 19351.100.100 192 19351.100.100 192 1920.2.100 198 19551.100.100 192 19551.100.100 192 1920.2.100 198 1920.2.100 198 1920.2.100 192 1920.2.100 192 1920.2.100 193 1920.2.100 193 19551.100.100 192 1920.2.100 193 19551.100.100 192 1920.2.100 198 1920.2.100 198 1920.2.100 198 1920.2.100 198 1920.2.100 198 1920.2.100 198 1920.2.100 198 <td>Number Protect 5.51.100.100 ICM 5.51.100.100 ICM 6.2.100 ICM 6.2.100 ICM 5.51.100.100 ICM 5.51.100.100 ICM 5.51.100.100 ICM 6.2.100 ICM 5.51.100.100 ICM 6.2.100 ICM <!--</td--><td>Langth Langth P 108 P</td><td>P D 0x5990 (2) 0xc2c2 (2) 0xc2c4 (2) 0x53b7 (2) 0xc2c4 (2) 0xc3c4d (2) 0xc4d4 (2)</td><td>P TTL b/o 222928) 64 Echo (pin, 222928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52379) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52421) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, <tr< td=""><td>g) request g) request g) reply g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 1) id=0x0001, seq=17/4352, ttl=64 (no response found1) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (reply in 15) id=0x0001, seq=17/4352, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (request in 16) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22)</td></tr<></td></td>	Number Protect 5.51.100.100 ICM 5.51.100.100 ICM 6.2.100 ICM 6.2.100 ICM 5.51.100.100 ICM 5.51.100.100 ICM 5.51.100.100 ICM 6.2.100 ICM 5.51.100.100 ICM 6.2.100 ICM </td <td>Langth Langth P 108 P</td> <td>P D 0x5990 (2) 0xc2c2 (2) 0xc2c4 (2) 0x53b7 (2) 0xc2c4 (2) 0xc3c4d (2) 0xc4d4 (2)</td> <td>P TTL b/o 222928) 64 Echo (pin, 222928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52379) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52421) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, <tr< td=""><td>g) request g) request g) reply g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 1) id=0x0001, seq=17/4352, ttl=64 (no response found1) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (reply in 15) id=0x0001, seq=17/4352, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (request in 16) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22)</td></tr<></td>	Langth Langth P 108 P	P D 0x5990 (2) 0xc2c2 (2) 0xc2c4 (2) 0x53b7 (2) 0xc2c4 (2) 0xc3c4d (2) 0xc4d4 (2)	P TTL b/o 222928) 64 Echo (pin, 222928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52379) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52421) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, <tr< td=""><td>g) request g) request g) reply g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 1) id=0x0001, seq=17/4352, ttl=64 (no response found1) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (reply in 15) id=0x0001, seq=17/4352, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (request in 16) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22)</td></tr<>	g) request g) request g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 1) id=0x0001, seq=17/4352, ttl=64 (no response found1) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (reply in 15) id=0x0001, seq=17/4352, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (request in 16) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22)
Internet Control Ressage Protocol Internet Control Ressage Protocol Internet 2022-07-14 2012:03.6.513857280 2022-07-14 2012:03.6.514117394 42022-07-14 2012:03.6.514117394 42022-07-14 2012:03.6.514117394 42022-07-14 2012:03.6.514117394 52022-07-14 2012:03.6.514117394 52022-07-14 2012:03.5.5172658 72022-07-14 2012:03.7.537726588 73023-07-14 2012:03.5.502408311 9022-07-14 2012:03.8.561776810 112022-07-14 2012:03.5.50270433 142022-07-14 2012:03.5.50259339 132022-07-14 2012:03.5555375043 142022-07-14 2012:03.5.555379043 142022-07-14 2012:03.555537043 142022-07-14 2012:03.5555375043 142022-07-14 2012:03.5555375043 142022-07-14 2012:03.555537043 142022-07-14 2012:03.5555375043 122022-07-14 2012:04.609804804 182022-07-14 2012:05.555537040 122022-07-14 2012:04.610170685 2022-07-14 2012:05.555537040 122022-07-14	Source Detail 192.0.2.100 193 192.0.2.100 193 198.5.1.100.100 192 198.5.1.100.100 192 192.0.2.100 193 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 193 192.0.2.100 192 192.1.100.100 192 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 193 192.0.2.100 <t< td=""><td>nation Prote .51.100.100 ICM .62.100 ICM .62</td><td>cal Length p 108 p 108 p</td><td>P D 0x5990 (2) 0x5290 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc24 (2) 0xc24 (2) 0xc24 (2) 0xcc4 (2) 0xc</td><td>P TTL Me 22928) 64 Echo (pin, 22928) 64 Echo (pin, 52068) 64 Echo (pin, 52078) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin,</td><td>g) request g) request g) reply g) reply g) request g) request g) request g) request g) request g) request g) request g) reply g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (request in 2) id=0x0001, seq=20/5120, ttl=64 (request in 2)</td></t<>	nation Prote .51.100.100 ICM .62.100 ICM .62	cal Length p 108 p	P D 0x5990 (2) 0x5290 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc24 (2) 0xc24 (2) 0xc24 (2) 0xcc4 (2) 0xc	P TTL Me 22928) 64 Echo (pin, 22928) 64 Echo (pin, 52068) 64 Echo (pin, 52078) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin,	g) request g) request g) reply g) reply g) request g) request g) request g) request g) request g) request g) request g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (request in 2) id=0x0001, seq=20/5120, ttl=64 (request in 2)
Internet Control Nessage Protocol No. Tme - 1 2022-07-14 2012-03.6, 511385-256 - 2 2022-07-14 2012-03.6, 511385-226 - 3 2022-07-14 2012-05.5, 511385-7289 - 3 2022-07-14 2012-05, 511385-7289 5 2022-07-14 2012-05, 511385-7289 7 2022-07-14 2012-05, 511385-7289 7 2022-07-14 2012-07, 53, 557725288 7 2022-07-14 2012-07, 5380448311 9 2022-07-14 2012-037, 5380448311 9 2022-07-14 2012-037, 5380448288 12 2022-07-14 2012-03, 556570433 13 2022-07-14 2012-03, 5855739500 17 2022-07-14 2012-03, 5855739500 17 2022-07-14 2012-03, 5855739500 17 2022-07-14 2012-04, 601970618 19 2012-07-14 2012-04, 6019906718 19 2012-07-14 2012-04, 60199061515 2022-07-14 </td <td>Source Dest 1920.2.100 198 1920.2.100 198 1920.2.100 192 19551.100.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 193 19551.100.100 192 1920.2.100 198 19551.100.100 192 1920.2.100 198 19551.100.100 192 1920.2.100 198 1920.2.100 198 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192</td> <td>Number Protect 5.51.100.100 ICM 5.51.100.100 ICM 6.2.100 ICM 6.2.100 ICM 5.51.100.100 ICM 5.51.100.100 ICM 5.51.100.100 ICM 6.2.100 ICM 5.51.100.100 ICM 6.2.100 ICM <!--</td--><td>Langth Langth 0 108 0</td><td>P 10 0x5990 (7) 0x5290 (7) 0xc2xc2 (9) 0xc2xc2 (9) 0xc2xc3 (9) 0xc2xc2 (10) 0xc2xc2 (10) 0xc2xc2 (10) 0xc2xc2 (10) 0xc2xc4 (10) 0xc3x0 (10) 0xc4x0 (10) 0xc4x0 (10) 0xc4x0 (10) 0xc4x0 (10) 0xc4x0 (10)</td><td>P TTL Mo 222928) 64 Echo (pin, 222928) 64 Echo (pin, 222928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52421) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52366 64 Echo (pi</td><td>g) request g) request g) reply g) reply g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (repuest in 2) id=0x0001, seq=16/4096, ttl=64 (repuest in 7) id=0x0001, seq=16/4096, ttl=64 (repuest in 6) id=0x0001, seq=16/4096, ttl=64 (repuest in 6) id=0x0001, seq=17/4352, ttl=64 (no response found1) id=0x0001, seq=17/4352, ttl=64 (repuest in 10) id=0x0001, seq=18/4608, ttl=64 (repuest in 14) id=0x0001, seq=18/4608, ttl=64 (repuest in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 18) id=0x0001, seq=18/4608, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (repuest in 26)</td></td>	Source Dest 1920.2.100 198 1920.2.100 198 1920.2.100 192 19551.100.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 193 19551.100.100 192 1920.2.100 198 19551.100.100 192 1920.2.100 198 19551.100.100 192 1920.2.100 198 1920.2.100 198 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192 1920.2.100 192	Number Protect 5.51.100.100 ICM 5.51.100.100 ICM 6.2.100 ICM 6.2.100 ICM 5.51.100.100 ICM 5.51.100.100 ICM 5.51.100.100 ICM 6.2.100 ICM 5.51.100.100 ICM 6.2.100 ICM </td <td>Langth Langth 0 108 0</td> <td>P 10 0x5990 (7) 0x5290 (7) 0xc2xc2 (9) 0xc2xc2 (9) 0xc2xc3 (9) 0xc2xc2 (10) 0xc2xc2 (10) 0xc2xc2 (10) 0xc2xc2 (10) 0xc2xc4 (10) 0xc3x0 (10) 0xc4x0 (10) 0xc4x0 (10) 0xc4x0 (10) 0xc4x0 (10) 0xc4x0 (10)</td> <td>P TTL Mo 222928) 64 Echo (pin, 222928) 64 Echo (pin, 222928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52421) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52366 64 Echo (pi</td> <td>g) request g) request g) reply g) reply g) request g) request</td> <td>id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (repuest in 2) id=0x0001, seq=16/4096, ttl=64 (repuest in 7) id=0x0001, seq=16/4096, ttl=64 (repuest in 6) id=0x0001, seq=16/4096, ttl=64 (repuest in 6) id=0x0001, seq=17/4352, ttl=64 (no response found1) id=0x0001, seq=17/4352, ttl=64 (repuest in 10) id=0x0001, seq=18/4608, ttl=64 (repuest in 14) id=0x0001, seq=18/4608, ttl=64 (repuest in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 18) id=0x0001, seq=18/4608, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (repuest in 26)</td>	Langth Langth 0 108 0	P 10 0x5990 (7) 0x5290 (7) 0xc2xc2 (9) 0xc2xc2 (9) 0xc2xc3 (9) 0xc2xc2 (10) 0xc2xc2 (10) 0xc2xc2 (10) 0xc2xc2 (10) 0xc2xc4 (10) 0xc3x0 (10) 0xc4x0 (10) 0xc4x0 (10) 0xc4x0 (10) 0xc4x0 (10) 0xc4x0 (10)	P TTL Mo 222928) 64 Echo (pin, 222928) 64 Echo (pin, 222928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52421) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52366 64 Echo (pi	g) request g) request g) reply g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (repuest in 2) id=0x0001, seq=16/4096, ttl=64 (repuest in 7) id=0x0001, seq=16/4096, ttl=64 (repuest in 6) id=0x0001, seq=16/4096, ttl=64 (repuest in 6) id=0x0001, seq=17/4352, ttl=64 (no response found1) id=0x0001, seq=17/4352, ttl=64 (repuest in 10) id=0x0001, seq=18/4608, ttl=64 (repuest in 14) id=0x0001, seq=18/4608, ttl=64 (repuest in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 18) id=0x0001, seq=18/4608, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (repuest in 26)
Internet Control Ressage Protocol No. Tme - 1 2022-07-14 2012:03:65.513857280 - 2 2022-07-14 2012:03:65.513857280 - 3 2022-07-14 - 3 2022-07-14 2012:03:75.537723822 -	Source Destination 192.0.2.100 193 192.0.2.100 193 198.5.1.100.100 192 198.5.1.100.100 192 192.0.2.100 193 193.5.1.100.100 192 192.0.2.100 193 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 192.0.2.100 193 193.5.1.100.100 192 192.0.2.100 193 193.5.1.100.100 192 192.0.2.100 193 193.5.1.100.100 192 192.0.2.100 193 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.	Number Prote 5.5.1.00.100 ICM .6.2.100 ICM .6.2.100 ICM .6.2.100 ICM .6.2.100 ICM .6.2.100 ICM .5.1.100.100 ICM .5.1.100.100 ICM .6.2.100 ICM </td <td>Langth Langth 0 108 0</td> <td>P ID 0x5990 (2) 0x5990 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc24 (2) 0xc24 (2) 0xc340 (2) 0xc340 (2) 0xc341 (2) 0xc44 (2)</td> <td>P TTL 146 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22928) 52068) 64 Echo (pin, 22948) 52268) 64 Echo (pin, 22948) 52268) 64 Echo (pin, 22948) 52379) 64 Echo (pin, 22948) 52379) 64 Echo (pin, 22948) 52379) 64 Echo (pin, 23223) 52420) 64 Echo (pin, 23248) 52420) 64 Echo (pin, 23261) 52420) 64 Echo (pin, 23261) 52420) 64 Echo (pin, 23261) 52421) 64 Echo (pin, 23261) 52621) 64 Echo (pin, 23249) 52623) 64 Echo (pin, 23249) 52623) 64 Echo (pin, 23242) 52623) 64 Echo (pin, 23422) 52623) 64 Echo (pin, 23422) 52790) 64 Echo (pin, 23536) 52790) 64 Echo (pin, 23536) 52809) 64 Echo (pin, 23536) 52809) 64 Echo (pin, 23536)</td> <td>g) request g) request g) reply g) reply g) request g) request g) request g) request g) request g) request g) request g) reply g) request g) reqly g) request g) reqly g) request g) reqly g) request g) reqly g) reply</td> <td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (reply in 7) id=0x0001, seq=15/3840, ttl=64 (reply in 7) id=0x0001, seq=15/4096, ttl=64 (reply in 7) id=0x0001, seq=15/4096, ttl=64 (reply in 7) id=0x0001, seq=15/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (request in 2) id=0x0001, seq=21/5376, ttl=64 (request in 2)</td>	Langth Langth 0 108 0	P ID 0x5990 (2) 0x5990 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc22 (2) 0xc24 (2) 0xc24 (2) 0xc340 (2) 0xc340 (2) 0xc341 (2) 0xc44 (2)	P TTL 146 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22928) 52068) 64 Echo (pin, 22948) 52268) 64 Echo (pin, 22948) 52268) 64 Echo (pin, 22948) 52379) 64 Echo (pin, 22948) 52379) 64 Echo (pin, 22948) 52379) 64 Echo (pin, 23223) 52420) 64 Echo (pin, 23248) 52420) 64 Echo (pin, 23261) 52420) 64 Echo (pin, 23261) 52420) 64 Echo (pin, 23261) 52421) 64 Echo (pin, 23261) 52621) 64 Echo (pin, 23249) 52623) 64 Echo (pin, 23249) 52623) 64 Echo (pin, 23242) 52623) 64 Echo (pin, 23422) 52623) 64 Echo (pin, 23422) 52790) 64 Echo (pin, 23536) 52790) 64 Echo (pin, 23536) 52809) 64 Echo (pin, 23536) 52809) 64 Echo (pin, 23536)	g) request g) request g) reply g) reply g) request g) request g) request g) request g) request g) request g) request g) reply g) request g) reqly g) request g) reqly g) request g) reqly g) request g) reqly g) reply	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (reply in 7) id=0x0001, seq=15/3840, ttl=64 (reply in 7) id=0x0001, seq=15/4096, ttl=64 (reply in 7) id=0x0001, seq=15/4096, ttl=64 (reply in 7) id=0x0001, seq=15/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (request in 2) id=0x0001, seq=21/5376, ttl=64 (request in 2)
Internet Control Ressage Protocol In. Tme - 1 2022-07-14 2012:03.6 5113554256 - 2 2022-07-14 2012:03.6 514117394 - 3 2022-07-14 2012:03.6 514117394 - 3 2022-07-14 2012:03.6 514117394 - 3 2022-07-14 2012:03.6 514117394 - 3 2022-07-14 2012:03.6 514117394 - 3 2022-07-14 2012:03.7 53772522 - 2022-07-14 2012:03.7 53772531 530776664 10 2022-07-14 2012:03.8 561778510 11<2022-07-14	Source Dett 192, 0, 2, 100 198 192, 0, 2, 100 198 195, 1, 100, 100 192 198, 51, 100, 100 192 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 192 192, 0, 2, 100 192 193, 51, 100, 100 192 194, 51, 100, 100 192 194, 51, 100, 100 192 194, 51, 100, 100 192 194, 51, 100, 100 192 195, 51, 100, 100 192 192, 0, 2, 100 198 195, 51, 100, 100 192 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 192, 0, 2, 100 198 1	Number Product 1.51.100.100 ICM 1.51.100.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .6.2.100 ICM .51.100.100 ICM .6.2.100 ICM .6.2.100 ICM .6.2.100 ICM .6.2.100 ICM .6.2.100 ICM .6.2.100 ICM .6.2.100 <t< td=""><td>Length Length 0 108 0</td><td>P D 0x5990 (2) 0x5990 (2) 0x5900 (2) 0x5200 (2) 0x5300 (2) 0x5200 (2) 0x5300 (2) 0x5200 (2) 0x5307 (2) 0x5300 (2) 0x5307 (2) 0x5300 (2) 0x5307 (2) 0x5207 (2) 0x5406 (2) 0x5204 (2) 0x5204 (2) 0x5204 (2) 0x5207 (2) 0x5204 (2) 0x5207 (2) 0x5204 (2) 0x645 (2) 0x5205 (2) 0x645 (2) 0x642 (2) 0x645 (2)</td><td>P TTL Me 22928) 64 Echo (pin, 52288) 64 Echo (pin, 52286) 64 Echo (pin, 52390 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 527900 64 Echo (pin,</td><td>g) request g) request g) reply g) request g) reply g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (requst in 2) id=0x0001, seq=15/3840, ttl=64 (requst in 2) id=0x0001, seq=15/3840, ttl=64 (requst in 2) id=0x0001, seq=15/3840, ttl=64 (requst in 7) id=0x0001, seq=15/4096, ttl=64 (requst in 6) id=0x0001, seq=17/4352, ttl=64 (requst in 10) id=0x0001, seq=17/4352, ttl=64 (requst in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=21/5376, ttl=64 (request in 26) id=0x0001, seq=21/5376, ttl=64 (request in 26) id=0x00</td></t<>	Length Length 0 108 0	P D 0x5990 (2) 0x5990 (2) 0x5900 (2) 0x5200 (2) 0x5300 (2) 0x5200 (2) 0x5300 (2) 0x5200 (2) 0x5307 (2) 0x5300 (2) 0x5307 (2) 0x5300 (2) 0x5307 (2) 0x5207 (2) 0x5406 (2) 0x5204 (2) 0x5204 (2) 0x5204 (2) 0x5207 (2) 0x5204 (2) 0x5207 (2) 0x5204 (2) 0x645 (2) 0x5205 (2) 0x645 (2) 0x642 (2) 0x645 (2)	P TTL Me 22928) 64 Echo (pin, 52288) 64 Echo (pin, 52286) 64 Echo (pin, 52390 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 527900 64 Echo (pin,	g) request g) request g) reply g) request g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (requst in 2) id=0x0001, seq=15/3840, ttl=64 (requst in 2) id=0x0001, seq=15/3840, ttl=64 (requst in 2) id=0x0001, seq=15/3840, ttl=64 (requst in 7) id=0x0001, seq=15/4096, ttl=64 (requst in 6) id=0x0001, seq=17/4352, ttl=64 (requst in 10) id=0x0001, seq=17/4352, ttl=64 (requst in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=21/5376, ttl=64 (request in 26) id=0x0001, seq=21/5376, ttl=64 (request in 26) id=0x00
Internet Control Nessage Protocol No. Tme - 1 2022-07-14 202:20:36.51385226 - 2 2022-07-14 202:20:36.51385226 - <td< td=""><td>Source Destination 192.0.2.100 198 192.0.2.100 198 198.5.1.00.100 192 198.5.1.100.100 192 192.0.2.100 198 192.0.2.100<</td><td>Nullow Part 5.51.100.100 ICK 5.51.100.100 ICK .6.2.100 ICK .6.2.100 ICK .6.2.100 ICK .51.100.100 ICK .51.100.100 ICK .6.2.100 ICK<</td><td>Lange Lange 0 108 0</td><td>P 10 0x5990 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0x5300 (2 0xc30 (2 0x5300 (2</td><td>P TTL 146 222283 64 Echo (pin, 22283) 64 Echo (pin, 22083) 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 64 Echo (pin, 22084) 64 Echo (pin, 22084) 52379 64 Echo (pin, 22084) 52379 64 Echo (pin, 22084) 52379 64 Echo (pin, 22084) 52420 64 Echo (pin, 22084) 52421 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52623 64 Echo (pin, 23184) 52623 64 Echo (pin, 23184) 52790 64 Echo (pin, 23536) 52790 64 Echo (pin, 23536) 52809 64 Echo (pin, 23536) 52809 64 Echo (pin, 23536) 52809 64</td><td>g) request g) request g) reply g) reply g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (repust in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (reply in 11) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (repust in 18) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (repust in 22) id=0x0001, seq=20/5120, ttl=64 (repust in 22) id=0x0001, seq=21/5376, ttl=64 (repust in 22) id=0x0001, seq=21/5376, ttl=64 (repust in 26) id=0x0001, seq=21/5376, ttl=64 (no response foundl)</td></td<>	Source Destination 192.0.2.100 198 192.0.2.100 198 198.5.1.00.100 192 198.5.1.100.100 192 192.0.2.100 198 192.0.2.100<	Nullow Part 5.51.100.100 ICK 5.51.100.100 ICK .6.2.100 ICK .6.2.100 ICK .6.2.100 ICK .51.100.100 ICK .51.100.100 ICK .6.2.100 ICK<	Lange Lange 0 108 0	P 10 0x5990 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0x5300 (2 0xc30 (2 0x5300 (2	P TTL 146 222283 64 Echo (pin, 22283) 64 Echo (pin, 22083) 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 64 Echo (pin, 22084) 64 Echo (pin, 22084) 52379 64 Echo (pin, 22084) 52379 64 Echo (pin, 22084) 52379 64 Echo (pin, 22084) 52420 64 Echo (pin, 22084) 52421 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52623 64 Echo (pin, 23184) 52623 64 Echo (pin, 23184) 52790 64 Echo (pin, 23536) 52790 64 Echo (pin, 23536) 52809 64 Echo (pin, 23536) 52809 64 Echo (pin, 23536) 52809 64	g) request g) request g) reply g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (repust in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (reply in 11) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (repust in 18) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (repust in 22) id=0x0001, seq=20/5120, ttl=64 (repust in 22) id=0x0001, seq=21/5376, ttl=64 (repust in 22) id=0x0001, seq=21/5376, ttl=64 (repust in 26) id=0x0001, seq=21/5376, ttl=64 (no response foundl)
Internet Control Pessage Protocol In. Tme - 1 2022-07-14 20:20:36.513855266 2 2022-07-14 20:20:36.514117394 4 2022-07-14 20:20:36.514117394 4 2022-07-14 20:20:36.514117394 4 2022-07-14 20:20:36.514117394 4 2022-07-14 20:20:36.514117394 4 2022-07-14 20:20:37.53772588 7 20:22-07-14 20:20:37.53772588 7:358046165 8 2022-07-14 20:20:38.561776810 10 2022-07-14 20:20:38.5617768310 11 2022-07-14 20:20:39.585577433 14 2022-07-14 20:20:39.585577433 14 20:20-07-14 20:20:39.585577433 15 20:22-07-14 20:20:39.585577433 15 20:20:47.14 20:20:48.6099044804 18 20:22-07-14 20:20:40.609804804 18 20:22-07.14 20:20:40.610170685 17 20:22-07-14 20:20:40.610170685 20:20:40.610170685 20:20:40.610170685 20:20:40.614.633060536 20:20:41.633065356<	Source Outstand 192.0.2.100 198 192.0.2.100 198 198.5.1.100.100 192 198.5.1.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 193.5.1.100.10	Nation Prote .51.100.100 ICM .62.100 ICM .62	cal Length p 108 p 10	P D 0x5990 (2 0x5290 (2 0xcc2c (2 0xcc2c (2 0xc2c (2 0xc2c (2 0xc2b (P TTL Me 22928) 64 Echo (pin, 52028) 64 Echo (pin, 52028) 64 Echo (pin, 52028) 64 Echo (pin, 5208) 64 Echo (pin, 5208) 64 Echo (pin, 5208) 64 Echo (pin, 5208) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52421) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin, <	g) request g) request g) reply g) reply g) request g) request g) request g) request g) request g) request g) request g) reply g) request g) request g) reply g) request g) reply g) request g) reply g) request g) reply g) request g) reply g) request g) reqly g) request g) reqly g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=21/5376, ttl=64 (no response foundl) id=0x0001, seq=21/5
Internet Control Nessage Protocol No. Tme 1 2022-07-14 2012:06:513857289 - 1 2022-07-14 2012:06:513857289 - 3 2022-07-14 2012:06:513857289 - 3 2022-07-14 2012:06:514117394 5 2022-07-14 2012:07:5735723222 6 7 2022-07-14 2012:07:573572588 7 7 2022-07-14 2012:07:5735726588 7 2022-07-14 2012:07:57358048311 9 2022-07-14 2012:07:57358048288 502720714 2012:07:57558567843 10 2022-07-14 2012:03:9 585678455 15 2022-07-14 2012:03:9 58597804 17 2022-07-14 2012:03:9 58597804 16 2022-07-14 2012:03:9 58597804 18 2022-07-14 2012:03:9 58597804 18 2022-07-14 2012:04:04 1011844 19 2022-07-14 2012:04:04 1011844 21 2022-07-14	Source Dest 192.0.9.2.100 198 192.0.9.2.100 198 192.0.9.2.100 192 195.5.1.100.100 192 192.0.2.100 198 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192	Number Protect 5.51.100.100 ICM 5.51.100.100 ICM 6.2.100 ICM 6.2.100 ICM 5.51.100.100 ICM 5.51.100.100 ICM 5.51.100.100 ICM 6.2.100 ICM	cal Length P 108 P 10	P 10 0x5990 (7 0x5990 (7 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2	P TTL 146 222928) 64 Echo (pin, 222928) 64 Echo (pin, 222928) 64 Echo (pin, 222928) 52268) 64 Echo (pin, 222928) 52268) 64 Echo (pin, 222928) 52268) 64 Echo (pin, 222928) 52379) 64 Echo (pin, 222979) 52379) 64 Echo (pin, 222978) 52379) 64 Echo (pin, 23223) 52370) 64 Echo (pin, 23223) 52420) 64 Echo (pin, 23366) 52420) 64 Echo (pin, 23366) 52420) 64 Echo (pin, 23419) 52621) 64 Echo (pin, 23419) 52621) 64 Echo (pin, 23419) 526223) 64 Echo (pin, 234219) 526231) 64 Echo (pin, 23422) 526231) 64 Echo (pin, 23422) 526233) 64 Echo (pin, 23422) 52790) 64 Echo (pin, 23336) 52809) 64 Echo (pin, 23336) 52809	g) request g) request g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response found1) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 1) id=0x0001, seq=17/4352, ttl=64 (no response found1) id=0x0001, seq=17/4352, ttl=64 (reply in 1) id=0x0001, seq=17/4352, ttl=64 (reply in 15) id=0x0001, seq=17/4352, ttl=64 (request in 16) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 18) id=0x0001, seq=18/4608, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 2) id=0x0001, seq=20/5120, ttl=64 (no response found1) id=0x0001, seq=20/5120, ttl=64 (no response found1) id=0x0001, seq=20/5120, ttl=64 (request in 2) id=0x0001, seq=21/5376, ttl=64 (request in 2) id=0x0001, seq=21/5376, ttl=64 (request in 2) id=0x0001, seq=21/5376, ttl=64 (repsonse found1) id=0x0001, seq=21/5376, ttl=64 (reoresonse found1) id=0x0001, seq=21/5376, ttl=64 (repsonse foun
Internet Control Persage Protocol Na. Tme - 1 2022-07-14 2012:05.51385/226 2 2022-07-14 2012:05.51385/226 - 3 2022-07-14 2012:05.514117394 4 2022-07-14 2012:05.514117394 - 3 2022-07-14 2012:05.514117394 4 2022-07-14 2012:05.514117394 - 3 2022-07-14 2012:05.514117394 7 2022-07-14 2012:05.753772588 7 2022-07-14 2012:05.753772588 7 2022-07-14 2012:05.515.515 7 2022-07-14 2012:05.85.50176831 19 2022-07-14 2012:05.85577043 14 2022-07-14 2012:05.85577043 14 2022-07-14 2012:05.855977043 14 2022-07-14 2012:05.855977043 16 2022-07-14 2012:05.855977043 12 2022-07-14 2012:05.14 2012:05.14 2012:05.95557904 16 2022-07-14 2012:05.855977043 12 2022-07-14 2012:05.14 2012:05.14 2012:05.855977043 18 2022-07-14 2012:04.610179665 2 2022-07-14 2012:04.16.130805151 2022:07-14 2012:04.610179665 2022:07-14 2012:04.6101796655	Source Desk 192.0.2.100 198 192.0.2.100 198 198.5.1.00.100 192 198.5.1.00 192 192.0.2.100 198 198.5.1.100.100 192 192.0.2.100 198 198.5.1.100.100 192 198.5.1.100.100 192 198.5.1.100.100 192 192.0.2.100 198 198.5.1.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 193.5.1.100.100 192 1	Number Prote 5.5.1.00.100 ICM .6.2.100 ICM .6.2.100 ICM .6.2.100 ICM .6.2.100 ICM .5.1.100.100 ICM .5.1.100.100 ICM .6.2.100 ICM .5.1.100.100 ICM .5.	cal Langh 108 108 108 108 108 108 108 108	P D 0x5990 (2 0x5290 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2	P TTL 146 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22028) 64 Echo (pin, 22028) 52268) 64 Echo (pin, 22048) 52268) 64 Echo (pin, 22048) 52268) 64 Echo (pin, 22048) 52379) 64 Echo (pin, 22048) 52379) 64 Echo (pin, 22028) 52379) 64 Echo (pin, 22028) 52373) 64 Echo (pin, 22028) 52420) 64 Echo (pin, 22028) 52621) 64 Echo (pin, 22028) 52621) 64 Echo (pin, 22028) 52623) 64 Echo (pin, 22028) 52623) 64 Echo (pin, 22028) 52790) 64 Echo (pin, 22028) 52790) 64 Echo (pin, 22039) 5266) 64 Echo (pin, 22039) 52790)	g) request g) request g) reply g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (reply in 23) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 26) id=0x0001, seq=20/5120, ttl=64 (request in 26) id=0x0001, seq=21/5376,
Internet Control Nessage Protocol No. Tme - 1 2022-07-14 2012:03:6,5513857289 - 3 2022-07-14 2012:03:6,5513857289 - 3 2022-07-14 2012:03:6,5514117394 5 2022-07-14 2012:03:6,5514117394 6 2022-07-14 2012:03:6,5514117394 7 2022-07-14 2012:03:6,5514117394 7 2022-07-14 2012:03:7,537725288 7 2022-07-14 2012:03:7,5370464 10 2022-07-14 2012:03:7,5370464 10 2022-07-14 2012:03:5,56270433 14 2022-07-14 2012:03:5,5557043 14 2022-07-14 2012:03:5,5557043 15 2022-07-14 2012:03:5,5557043 16 2022-07-14 2012:03:5,5557045 17 2022-07-14 2012:04:0,610170655 17<2022-07-14	Source Dest 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 195.5.1.00.100 192 192.0.2.100 198 192.0.2.100	Number Product 1.51.100.100 ICM 1.51.100.100 ICM .6.2.100 ICM .6.2.100 ICM .6.2.100 ICM .51.100.100 ICM .51.100.100 ICM .6.2.100 I	cal Length 0 108 0 0 00 0 000 0 000 0 000 0 000 0 0	P 10 0x5990 (7 0x5990 (7 0x5990 (7 0x5990 (7 0x590 (7 0x5290 (7 0x5290 (7 0x5290 (7 0x520 (7 0x5	PTTL 146 222283 64 Echo (pin, 22228) 64 Echo (pin, 22228) 64 Echo (pin, 22228) 52268 64 Echo (pin, 22228) 52268 64 Echo (pin, 22237) 522739 64 Echo (pin, 22237) 52379 64 Echo (pin, 22237) 52379 64 Echo (pin, 22237) 52379 64 Echo (pin, 23223) 52379 64 Echo (pin, 23223) 52420 64 Echo (pin, 23266) 52420 64 Echo (pin, 23266) 52621 64 Echo (pin, 23241) 52621 64 Echo (pin, 23241) 52623 64 Echo (pin, 23242) 52790 64 Echo (pin, 23356) 52790 64 Echo (pin, 23536) 52809 64 Echo (pin, 2353	g) request g) request g) reply g) reply g) request g) request	<pre>id=wx0001, seq=15/3840, ttl=64 (no response found1) id=wx0001, seq=15/3840, ttl=64 (reply in 3) id=wx0001, seq=15/3840, ttl=64 (repuest in 2) id=wx0001, seq=15/3840, ttl=64 (repuest in 2) id=wx0001, seq=16/4096, ttl=64 (repuest in 6) id=wx0001, seq=16/4096, ttl=64 (repuest in 6) id=wx0001, seq=16/4096, ttl=64 (repuest in 6) id=wx0001, seq=17/4352, ttl=64 (no response found1) id=wx0001, seq=17/4352, ttl=64 (repuest in 10) id=wx0001, seq=18/4608, ttl=64 (repuest in 14) id=wx0001, seq=18/4608, ttl=64 (repuest in 14) id=wx0001, seq=18/4608, ttl=64 (repuest in 14) id=wx0001, seq=18/4608, ttl=64 (repuest in 18) id=wx0001, seq=18/4608, ttl=64 (repuest in 18) id=wx0001, seq=18/4608, ttl=64 (repuest in 18) id=wx0001, seq=18/4608, ttl=64 (no response found1) id=wx0001, seq=18/4608, ttl=64 (no response found1) id=wx0001, seq=18/4608, ttl=64 (no response found1) id=wx0001, seq=19/4864, ttl=64 (repuest in 12) id=wx0001, seq=20/5120, ttl=64 (no response found1) id=wx0001, seq=20/5120, ttl=64 (no response found1) id=wx0001, seq=20/5120, ttl=64 (no response found1) id=wx0001, seq=21/5376, ttl=64 (repuest in 22) id=wx0001, seq=21/5376, ttl=64 (repuest in 26) id=wx0001, seq=21/5376, ttl=64 (no response found1) id=wx0001, seq=21/5376, ttl=64 (no response found1) id=wx0001, seq=21/5376, ttl=64 (repuest in 26) id=wx00001, seq=21/5376, ttl=64 (repu</pre>
Internet Control Persage Protocol No. Tme - 1 2022-07-14 20:20:36.51385226 2 2022-07-14 20:20:36.513857299 - 3 2022-07-14 20:20:36.513857299 3 2022-07-14 20:20:37.537723822 6 2022-07-14 20:20:37.537723822 6 2022-07-14 20:20:37.537723824 5 2022-07-14 20:20:37.537723824 7 2022-07-14 20:20:37.537723824 5 2022-07-14 20:20:37.53774310 10 2022-07-14 20:20:38.5617064 10 2022-07-14 20:20:38.5617064 10 2022-07-14 20:20:38.5617083 13 2022-07-14 20:20:38.562048288 12 2022-07-14 20:20:38.562048288 12 2022-07-14 20:20:38.5620480331 12 2022-07-14 20:20:38.5620480331 1 2022-07-14 20:20:38.5620480331 12 2022-07-14 20:20:38.5620480331 1 2022-07-14 20:20:38.5620480331 12 2022-07-14 20:20:38.5620480331 1 2022-07-14 20:20:38.5620480331 12 2022-07-14 20:20:40.600907164 10 2022-07-14 20:20:40.600907164 12 2022-07-14 20:20:41.630805153 2 2022-07-14 20:20:42.657018080997 23 2022-07-14 20:20:42.6570980971 23 2022-07-14 20:20:42.6570980971 23 2022-07-14 20:20:42.6570980571 28 20:22-07-14 20:20:42.657098057 23 2022-07-14 20:20:42.6570980571 29 2022-07-14 20:20:42.6579805771660	Source Desk 192.0.2.100 198 192.0.2.100 198 198.5.1.00.100 192 198.5.1.00.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 193.5.1.00.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 195.51.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 192 195.51.100.100 192 195.51.100.100 192 195.51.1	Number Participant .51.100.100 ICM .52.106.100 ICM .62.100 ICM .62.100 ICM .62.100 ICM .51.100.100 ICM .51.100.100 ICM .62.100 ICM <t< td=""><td>Col Length 0 108 0</td><td>P D 0x5990 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2</td><td>P TTL 146 222283 64 Echo (pin, 22283) 64 Echo (pin, 22083) 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 64 Echo (pin, 22084) 64 Echo (pin, 22084) 52379 64 Echo (pin, 22084) 52420 64 Echo (pin, 22084) 52421 64 Echo (pin, 22084) 52621 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52790 64 Echo (pin, 22356) 52809 64</td><td>g) request g) request g) reply g) request g) reply g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (repust in 2) id=0x0001, seq=15/3840, ttl=64 (repust in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (repust in 7) id=0x0001, seq=16/4096, ttl=64 (repust in 6) id=0x0001, seq=16/4096, ttl=64 (repust in 6) id=0x0001, seq=16/4096, ttl=64 (repust in 10) id=0x0001, seq=17/4352, ttl=64 (repust in 14) id=0x0001, seq=17/4352, ttl=64 (repust in 14) id=0x0001, seq=17/4352, ttl=64 (repust in 14) id=0x0001, seq=17/4864, ttl=64 (no response foundl) id=0x0001, seq=17/4864, ttl=64 (no response foundl) id=0x0001, seq=17/4864, ttl=64 (repust in 18) id=0x0001, seq=19/4864, ttl=64 (repust in 18) id=0x0001, seq=20/5120, ttl=64 (repust in 2) id=0x0001, seq=21/5376, ttl=64 (repust in 2) id=0x00000, seq=21/5376, ttl=64</td></t<>	Col Length 0 108 0	P D 0x5990 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2	P TTL 146 222283 64 Echo (pin, 22283) 64 Echo (pin, 22083) 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 64 Echo (pin, 22084) 64 Echo (pin, 22084) 52379 64 Echo (pin, 22084) 52420 64 Echo (pin, 22084) 52421 64 Echo (pin, 22084) 52621 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52790 64 Echo (pin, 22356) 52809 64	g) request g) request g) reply g) request g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (repust in 2) id=0x0001, seq=15/3840, ttl=64 (repust in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (repust in 7) id=0x0001, seq=16/4096, ttl=64 (repust in 6) id=0x0001, seq=16/4096, ttl=64 (repust in 6) id=0x0001, seq=16/4096, ttl=64 (repust in 10) id=0x0001, seq=17/4352, ttl=64 (repust in 14) id=0x0001, seq=17/4352, ttl=64 (repust in 14) id=0x0001, seq=17/4352, ttl=64 (repust in 14) id=0x0001, seq=17/4864, ttl=64 (no response foundl) id=0x0001, seq=17/4864, ttl=64 (no response foundl) id=0x0001, seq=17/4864, ttl=64 (repust in 18) id=0x0001, seq=19/4864, ttl=64 (repust in 18) id=0x0001, seq=20/5120, ttl=64 (repust in 2) id=0x0001, seq=21/5376, ttl=64 (repust in 2) id=0x00000, seq=21/5376, ttl=64
Internet Control Persage Protocol No. Tme - 1 2022-07-14 20120136.513857289 - 3 2022-07-14 20120136.513857289 - 3 2022-07-14 20120136.514117394 5 2022-07-14 20120136.514117394 5 2022-07-14 20120136.514117394 7 2022-07-14 20120137.53772522 6 2022-07-14 20120137.537725288 7 2022-07-14 20120137.5370484311 9 2022-07-14 20120137.5370484311 9 2022-07-14 20120138.561776064 10 2022-07-14 20120138.561776014 12 2022-07-14 20120138.561776313 12 2022-07-14 20120138.5620480381 12 2022-07-14 20120138.5620480381 12 2022-07-14 20120138.5620480381 12 2022-07-14 20120139.58557455 15 2022-07-14 20120148.502048038 12 2022-07-14 20120148.502048038 13 2022-07-14 20120148.60098046804 13 2022-07-14 20120148.60098046804 18 2022-07-14 20120148.610170655 20 2022-07-14 20120148.610170655 20 2022-07-14 20120148.610170657 20 2022-07-14 20120148.6101706597 22 2022-07-14 20120144.634085188 25 2022-07-14 20120144.634085186 25 2022-07-14 20120144.634	Source Dett 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 193.5.1.100.100 192 194.5.1.100.100 192 194.5.1.100.100 192 195.5.1.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 193.5.1.100.100 192 194.5.1.100.100 192 195.5.1.100.100 192 <t< td=""><td>Number Product 1.51.100.100 ICM 1.51.100.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .0.2.100 I</td><td>Cal Length 0 108 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>P D 0x5990 (2 0x5290 (2 0xcc2c (2 0xcc2c (2 0xc2c (2 0xc2b (</td><td>PTTL Me 22928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 5239) 64 Echo (pin, 5239) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin,</td><td>g) request g) request g) reply g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 id=0x0001, seq=15/4096, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x00001, seq=0x000, seq=20/5120, ttl=64 (no respons</td></t<>	Number Product 1.51.100.100 ICM 1.51.100.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .0.2.100 I	Cal Length 0 108 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P D 0x5990 (2 0x5290 (2 0xcc2c (2 0xcc2c (2 0xc2c (2 0xc2b (PTTL Me 22928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 5239) 64 Echo (pin, 5239) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin,	g) request g) request g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 id=0x0001, seq=15/4096, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x00001, seq=0x000, seq=20/5120, ttl=64 (no respons
Internet Control Message Protocol No. Tme - 1 2022-07-14 20120136.513855256 - 2 2022-07-14 20120136.514117304 4 2022-07-14 20120136.514117304 - 3 3022-07-14 20120136.514117304 4 2022-07-14 20120137.53772352 - 3 2022-07-14 20120137.53772588 7 2022-07-14 20120137.537723588 7 2022-07-14 20120137.53775310 11 2022-07-14 20120138.561776041 10 2022-07-14 20120138.561770310 11 2022-07-14 20120138.561770310 11 2022-07-14 20120138.56177031 11 2022-07-14 20120138.56177031 12 2022-07-14 20120138.56177031 12 2022-07-14 20120138.56177031 12 2022-07-14 20120138.561770431 12 2022-07-14 20120138.561770431 12 2022-07-14 20120138.561780555 15 2022-07-14 20120138.561780555 15 2022-07-14 20120148.610181944 12 2012-07-14 20120148.610181944 12 2022-07-14 20120148.610181944 12 2012-07-14 20120148.6103805136 25 2022-07-14 20120148.6103805136 25 2022-07-14 20120148.634805368 25 2022-07-14 20120148.634805368 25 2022-07-14 20120148.634805368 25 2022-07-14 20120148.634805368 25 2022-07-14 20120148.634805368 25 2022-07-14 20120148.634805368 25 2022-07-1	Source Desti 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 198.5.1.00.100 192 192.0.2.100 198 192.0.2.100 192 192.0.2.100 192 192.0.2.100	Number Particle .51.100.100 ICM .52.100.100 ICM .02.100 ICM .02.100 ICM .02.100 ICM .51.100.100 ICM .52.100 ICM .51.100.100 ICM .02.100 ICM	Col Length 0 108 0	P 10 0x5990 (2 0xcc2c (2 0xcc2c (3 0xcc2c (3 0xcc2c (3 0xcc2b (5 0xcc2b (5 0xcc2b (5 0xcc2b (5 0xcc2b (5 0xcc4b (5 0xcc4	P TTL 146 229283 64 Echo (pin, 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22928) 52268 64 Echo (pin, 22928) 52268 64 Echo (pin, 22948) 52268 64 Echo (pin, 22948) 52268 64 Echo (pin, 22979) 52379 64 Echo (pin, 22979) 52379 64 Echo (pin, 23923) 52379 64 Echo (pin, 23924) 52420 64 Echo (pin, 23924) 52421 64 Echo (pin, 23924) 52623 64 Echo (pin, 23924) 52623 64 Echo (pin, 23924) 52623 64 Echo (pin, 23926) 52790 64 Echo (pin, 23536) 52809 64 Echo (pin, 2353	g) request g) request g) reply g) request g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (repust in 2) id=0x0001, seq=15/4096, ttl=64 (repust in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 1) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (reply in 12) id=0x0001, seq=17/4352, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (repust in 18) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (reply in 23) id=0x0001, seq=20/5120, ttl=64 (reply in 23) id=0x0001, seq=20/5120, ttl=64 (reply in 23) id=0x0001, seq=21/5376, ttl=64 (reply in 27) id=0x0001, seq=21/5376, ttl=64 (reply in 27) id=0x00001, seq=21/537
Internet Control Persage Protocol No. Tme - 1 2022-07-14 20:20:36.51385/226 2 2022-07-14 20:20:36.514117394 4 2022-07-14 20:20:36.514117394 4 2022-07-14 20:20:36.514117394 4 2022-07-14 20:20:36.514117394 4 2022-07-14 20:20:37.53772658 7 2022-07-14 20:20:37.53772658 7 2022-07-14 20:20:37.5372658 7 2022-07-14 20:20:38.561776810 10 2022-07-14 20:20:38.561778310 11 2022-07-14 20:20:38.561778310 12 2022-07-14 20:20:38.56259433 14 2022-07-14 20:20:39.585577433 14 2022-07-14 20:20:39.585579043 12 2022-07-14 20:20:39.585579043 12 2022-07-14 20:20:39.585579043 12 2022-07-14 20:20:40.609804804 18 2022-07-14 20:20:40.609804804 18 2022-07-14 20:20:40.609804804 18 2022-07-14 20:20:40.609804804 18 2022-07-14 20:20:40.601970653 20 2022-07-14 20:20:41.633805515	Source Detail 192.0.2.100 198 192.0.2.100 198 198.5.1.100.100 192 198.5.1.100.100 192 192.0.2.100 198 198.5.1.100.100 192 198.5.1.100.100 192 198.5.1.100.100 192 198.5.1.100.100 192 192.0.2.100 198 198.5.1.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198	Nation Prote 5.51.100.100 ICM .62.100 ICM .62.100 ICM .62.100 ICM .62.100 ICM .51.100.100 ICM .62.100 ICM .51.100.100 ICM	cal Length p 108 p 10	P D 0x5990 (2 0x5290 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2	P TTL 146 22928) 64 Echo (pin, 22928) 64 Echo (pin, 52068) 64 Echo (pin, 52068) 64 Echo (pin, 52068) 64 Echo (pin, 52068) 64 Echo (pin, 52069) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin, <	g) request g) request g) reply g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (request in 2) id=0x0001, seq=21/5376, ttl=64 (request in 2) id=
Internet Control Message Protocol No. Tme - 1 2022-07-14 2012:03.65.51385226 - 2 2022-07-14 2012:03.65.51385226 - - - 2 2022-07-14 2012:03.65.513185226 - - - 2 2022-07-14 2012:03.65.514117334 - - 5 2022-07-14 2012:03.75.57772382 - - - 7 2022-07-14 2012:03.75.5772358 7 2022-07-14 2012:03.55.517703310 - - 9 2022-07-14 2012:03.55.50770431 1 2022-07-14 2012:03.5555770431 - </td <td>Source Dest 192.0.2.100 108 192.0.2.100 109 192.0.2.100 109 195.51.100.100 192 192.0.2.100 109 192.0.2.100 192 192.0.2.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 193.51.100.100 192 192.0.2.100 198 193.51.100.100 192 192.0.2.100 198 193.51.100.100<td>Number Protect 1.51.100.100 ICM 1.51.100.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .0.2.100 I</td><td>cal Langth P 108 P 10</td><td>P 10 0x5990 (7 0x5290 (7 0x5290 (7 0xc22 (1 0xc22 (1 0xc22 (1 0xc22 (1) 0xc22 (1) 0xc22 (1) 0xc22 (1) 0xc24 (1</td><td>P TTL 140 229283 64 Echo (pin, 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22928) 52268 64 Echo (pin, 22928) 52268 64 Echo (pin, 22928) 52268 64 Echo (pin, 22928) 52379 64 Echo (pin, 22927) 52379 64 Echo (pin, 23923) 52379 64 Echo (pin, 23923) 52379 64 Echo (pin, 23923) 52420 64 Echo (pin, 239366) 52420 64 Echo (pin, 239366) 52420 64 Echo (pin, 239366) 52621 64 Echo (pin, 239366) 52621 64 Echo (pin, 239262) 52621 64 Echo (pin, 239262) 526223 64 Echo (pin, 239262) 526231 64 Echo (pin, 239262) 526232 64 Echo (pin, 239262) 526233 64 Echo (pin, 239366) 52790 64 Echo (pin, 239366) 528090 64 Echo (pin, 239366) 528090</td><td>g) request g) request g) reply g) request g) reply g) request g) request</td><td><pre>id=xx0001, seq=15/3840, ttl=64 (no response foundl) id=xx0001, seq=15/3840, ttl=64 (reply in 3) id=xx0001, seq=15/3840, ttl=64 (reply in 3) id=xx0001, seq=15/3840, ttl=64 (no response foundl) id=xx0001, seq=16/4096, ttl=64 (reply in 7) id=xx0001, seq=16/4096, ttl=64 (reply in 7) id=xx0001, seq=16/4096, ttl=64 (reply in 10) id=xx0001, seq=17/4352, ttl=64 (no response foundl) id=xx0001, seq=17/4352, ttl=64 (reply in 11) id=xx0001, seq=17/4352, ttl=64 (reply in 12) id=xx0001, seq=17/4352, ttl=64 (reply in 13) id=xx0001, seq=17/4352, ttl=64 (reply in 13) id=xx0001, seq=17/4352, ttl=64 (reply in 15) id=xx0001, seq=18/4608, ttl=64 (reply in 15) id=xx0001, seq=18/4608, ttl=64 (reply in 15) id=xx0001, seq=18/4608, ttl=64 (reply in 13) id=xx0001, seq=19/4864, ttl=64 (reply in 13) id=xx0001, seq=19/4864, ttl=64 (reply in 12) id=xx0001, seq=20/5120, ttl=64 (repuest in 18) id=xx0001, seq=20/5120, ttl=64 (repuest in 22) id=xx0001, seq=21/5376, ttl=64 (reply in 22) id=xx0001, seq=21/5376, ttl=64 (reply in 23) id=xx0001, seq=21/5376, ttl=64 (repuest in 26) id=xx0001, seq=21/5376, ttl=64 (reply in 27) id=xx0001, seq=21/5376, ttl=64 (reply in 27) id=xx0001, seq=21/5376, ttl=64 (repuest in 26) id=xx0001, seq=21/5376, ttl=64 (reply in 27) id=xx0001, seq=21/5376, ttl=64 (replex in 26) id=xx0001, seq=21/5376, ttl=64 (replex in 27) id=xx0001, seq=21/5376, ttl=64 (replex in 26) id=xx0001, seq=21/5</pre></td></td>	Source Dest 192.0.2.100 108 192.0.2.100 109 192.0.2.100 109 195.51.100.100 192 192.0.2.100 109 192.0.2.100 192 192.0.2.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 193.51.100.100 192 192.0.2.100 198 193.51.100.100 192 192.0.2.100 198 193.51.100.100 <td>Number Protect 1.51.100.100 ICM 1.51.100.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .0.2.100 I</td> <td>cal Langth P 108 P 10</td> <td>P 10 0x5990 (7 0x5290 (7 0x5290 (7 0xc22 (1 0xc22 (1 0xc22 (1 0xc22 (1) 0xc22 (1) 0xc22 (1) 0xc22 (1) 0xc24 (1</td> <td>P TTL 140 229283 64 Echo (pin, 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22928) 52268 64 Echo (pin, 22928) 52268 64 Echo (pin, 22928) 52268 64 Echo (pin, 22928) 52379 64 Echo (pin, 22927) 52379 64 Echo (pin, 23923) 52379 64 Echo (pin, 23923) 52379 64 Echo (pin, 23923) 52420 64 Echo (pin, 239366) 52420 64 Echo (pin, 239366) 52420 64 Echo (pin, 239366) 52621 64 Echo (pin, 239366) 52621 64 Echo (pin, 239262) 52621 64 Echo (pin, 239262) 526223 64 Echo (pin, 239262) 526231 64 Echo (pin, 239262) 526232 64 Echo (pin, 239262) 526233 64 Echo (pin, 239366) 52790 64 Echo (pin, 239366) 528090 64 Echo (pin, 239366) 528090</td> <td>g) request g) request g) reply g) request g) reply g) request g) request</td> <td><pre>id=xx0001, seq=15/3840, ttl=64 (no response foundl) id=xx0001, seq=15/3840, ttl=64 (reply in 3) id=xx0001, seq=15/3840, ttl=64 (reply in 3) id=xx0001, seq=15/3840, ttl=64 (no response foundl) id=xx0001, seq=16/4096, ttl=64 (reply in 7) id=xx0001, seq=16/4096, ttl=64 (reply in 7) id=xx0001, seq=16/4096, ttl=64 (reply in 10) id=xx0001, seq=17/4352, ttl=64 (no response foundl) id=xx0001, seq=17/4352, ttl=64 (reply in 11) id=xx0001, seq=17/4352, ttl=64 (reply in 12) id=xx0001, seq=17/4352, ttl=64 (reply in 13) id=xx0001, seq=17/4352, ttl=64 (reply in 13) id=xx0001, seq=17/4352, ttl=64 (reply in 15) id=xx0001, seq=18/4608, ttl=64 (reply in 15) id=xx0001, seq=18/4608, ttl=64 (reply in 15) id=xx0001, seq=18/4608, ttl=64 (reply in 13) id=xx0001, seq=19/4864, ttl=64 (reply in 13) id=xx0001, seq=19/4864, ttl=64 (reply in 12) id=xx0001, seq=20/5120, ttl=64 (repuest in 18) id=xx0001, seq=20/5120, ttl=64 (repuest in 22) id=xx0001, seq=21/5376, ttl=64 (reply in 22) id=xx0001, seq=21/5376, ttl=64 (reply in 23) id=xx0001, seq=21/5376, ttl=64 (repuest in 26) id=xx0001, seq=21/5376, ttl=64 (reply in 27) id=xx0001, seq=21/5376, ttl=64 (reply in 27) id=xx0001, seq=21/5376, ttl=64 (repuest in 26) id=xx0001, seq=21/5376, ttl=64 (reply in 27) id=xx0001, seq=21/5376, ttl=64 (replex in 26) id=xx0001, seq=21/5376, ttl=64 (replex in 27) id=xx0001, seq=21/5376, ttl=64 (replex in 26) id=xx0001, seq=21/5</pre></td>	Number Protect 1.51.100.100 ICM 1.51.100.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .0.2.100 I	cal Langth P 108 P 10	P 10 0x5990 (7 0x5290 (7 0x5290 (7 0xc22 (1 0xc22 (1 0xc22 (1 0xc22 (1) 0xc22 (1) 0xc22 (1) 0xc22 (1) 0xc24 (1	P TTL 140 229283 64 Echo (pin, 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22928) 52268 64 Echo (pin, 22928) 52268 64 Echo (pin, 22928) 52268 64 Echo (pin, 22928) 52379 64 Echo (pin, 22927) 52379 64 Echo (pin, 23923) 52379 64 Echo (pin, 23923) 52379 64 Echo (pin, 23923) 52420 64 Echo (pin, 239366) 52420 64 Echo (pin, 239366) 52420 64 Echo (pin, 239366) 52621 64 Echo (pin, 239366) 52621 64 Echo (pin, 239262) 52621 64 Echo (pin, 239262) 526223 64 Echo (pin, 239262) 526231 64 Echo (pin, 239262) 526232 64 Echo (pin, 239262) 526233 64 Echo (pin, 239366) 52790 64 Echo (pin, 239366) 528090	g) request g) request g) reply g) request g) reply g) request g) request	<pre>id=xx0001, seq=15/3840, ttl=64 (no response foundl) id=xx0001, seq=15/3840, ttl=64 (reply in 3) id=xx0001, seq=15/3840, ttl=64 (reply in 3) id=xx0001, seq=15/3840, ttl=64 (no response foundl) id=xx0001, seq=16/4096, ttl=64 (reply in 7) id=xx0001, seq=16/4096, ttl=64 (reply in 7) id=xx0001, seq=16/4096, ttl=64 (reply in 10) id=xx0001, seq=17/4352, ttl=64 (no response foundl) id=xx0001, seq=17/4352, ttl=64 (reply in 11) id=xx0001, seq=17/4352, ttl=64 (reply in 12) id=xx0001, seq=17/4352, ttl=64 (reply in 13) id=xx0001, seq=17/4352, ttl=64 (reply in 13) id=xx0001, seq=17/4352, ttl=64 (reply in 15) id=xx0001, seq=18/4608, ttl=64 (reply in 15) id=xx0001, seq=18/4608, ttl=64 (reply in 15) id=xx0001, seq=18/4608, ttl=64 (reply in 13) id=xx0001, seq=19/4864, ttl=64 (reply in 13) id=xx0001, seq=19/4864, ttl=64 (reply in 12) id=xx0001, seq=20/5120, ttl=64 (repuest in 18) id=xx0001, seq=20/5120, ttl=64 (repuest in 22) id=xx0001, seq=21/5376, ttl=64 (reply in 22) id=xx0001, seq=21/5376, ttl=64 (reply in 23) id=xx0001, seq=21/5376, ttl=64 (repuest in 26) id=xx0001, seq=21/5376, ttl=64 (reply in 27) id=xx0001, seq=21/5376, ttl=64 (reply in 27) id=xx0001, seq=21/5376, ttl=64 (repuest in 26) id=xx0001, seq=21/5376, ttl=64 (reply in 27) id=xx0001, seq=21/5376, ttl=64 (replex in 26) id=xx0001, seq=21/5376, ttl=64 (replex in 27) id=xx0001, seq=21/5376, ttl=64 (replex in 26) id=xx0001, seq=21/5</pre>
Internet Control Persage Protocol No. Tme - 12022-07-14 2012:03.6.51385226 2 2022-07-14 2012:03.6.513857280 5 2022-07-14 2012:03.6.513857281 5 2022-07-14 2012:03.5.51739723822 6 2022-07-14 2012:03.5.517197310 7 2022-07-14 2012:03.5.51776431 9 2022-07-14 2012:03.8.50176064 9 2022-07-14 2012:03.8.50176064 9 2022-07-14 2012:03.8.50176064 10 2022-07-14 2012:03.8.502080331 9 2022-07-14 2012:03.8.502080331 12 2022-07-14 2012:03.8.502080331 12 2022-07-14 2012:03.8.502080331 12 2022-07-14 2012:03.8.5020804804 18 2022-07-14 2012:03.585937900 17 2022-07-14 2012:04.6.610179665 2022-07-14 2012:04.6.10181944 212022-07-14 2012:04.6.610179665 2022-07-14 2012:04.4.6.6308057618 2022:07-14	Source Detail 192.0.2.100 198 192.0.2.100 198 198.51.100.100 192 198.51.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 193.51.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 193.51.100.100 192 192.0.2.100 198 193.51.100.100 192 193.51.100.100 192 193.51.100.100 192 193.51.100.100 192 193.51.100.100 192 <	Number Parts 1.51.100.100 ICM 1.52.106.100 ICM .0.2.100 ICM	Cal Langh 108 108 108 108 108 108 108 108	P D 0x5990 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2	P TTL 146 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22028) 64 Echo (pin, 22028) 52268) 64 Echo (pin, 22048) 52268) 64 Echo (pin, 22048) 52268) 64 Echo (pin, 22048) 52379) 64 Echo (pin, 22048) 52379) 64 Echo (pin, 22048) 52379) 64 Echo (pin, 22048) 52323) 64 Echo (pin, 22048) 52420) 64 Echo (pin, 22048) 52421) 64 Echo (pin, 22049) 52621) 64 Echo (pin, 22049) 52623) 64 Echo (pin, 22049) 52623) 64 Echo (pin, 22049) 52623) 64 Echo (pin, 23422) 52623) 64 Echo (pin, 23422) 52790) 64 Echo (pin, 23536) 528090)	g) request g) request g) reply g) request g) reply g) request g) request	<pre>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=18/4068, ttl=64 (reply in 15) id=0x0001, seq=18/4068, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (request in 18) id=0x0001, seq=19/4864, ttl=64 (reply in 19) id=0x0001, seq=20/5120, ttl=64 (request in 2) id=0x00001, seq=20/5120, ttl=64 (request in 2) id=0x0001, s</pre>
Internet Control Persage Protocol No. Tme - 1 2022-07-14 20:20:36.51385226 - 2 2022-07-14 20:20:36.513857289 - 3 2022-07-14 20:20:36.514117394 5 2022-07-14 20:20:36.514117394 5 2022-07-14 20:20:36.514117394 7 2022-07-14 20:20:37.53772528 7 2022-07-14 20:20:37.53772558 7 2022-07-14 20:20:38.56177661 10 2022-07-14 20:20:38.56177661 10 2022-07-14 20:20:38.56177661 11 2022-07-14 20:20:38.56177631 12 2022-07-14 20:20:38.56277433 13 2022-07-14 20:20:39.585678455 15 2022-07-14 20:20:39.585937900 17 2022-07-14 20:20:39.585937900 17 2022-07-14 20:20:30.585937900 17 2022-07-14 20:20:30.585937900 17 2022-07-14 20:20:40.601996558 18 2022-07-14 20:20:40.61019655 19 2022-07-14 20:20:40.61019655 19 2022-07-14 20:20:40.61019655 20 2022-07-14 20:20:40.61019655 21 2022-07-14 20:20:40.61019655 22 2022-07-14 20:20:40.61019655 22 2022-07-14 20:20:42.657980871 21 2022-07-14 20:20:42.657980871 22 2022-07-14 20:20:42.657980871 <td>Source Detth 192.0.2.100 108 192.0.2.100</td> <td>Number Product 1.51.100.100 ICM 1.51.100.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .0.2.100 I</td> <td>cal Length 0 108 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>P 10 0x5990 (7 0x5990 (7 0x5990 (7 0x5990 (7 0xc22 (1 0x500 (1 0xc22 (1 0xc20 (1 0xc20</td> <td>P TTL Mo 222928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52240) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52421) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52623) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52809) 64 Echo (pin</td> <td>g) request g) request g) reply g) reply g) request g) request</td> <td><pre>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (repuest in 2) id=0x0001, seq=16/4096, ttl=64 (repuest in 7) id=0x0001, seq=16/4096, ttl=64 (repuest in 6) id=0x0001, seq=16/4096, ttl=64 (repuest in 6) id=0x0001, seq=16/4096, ttl=64 (repuest in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (repuest in 10) id=0x0001, seq=17/4352, ttl=64 (repuest in 10) id=0x0001, seq=17/4352, ttl=64 (repuest in 10) id=0x0001, seq=18/4608, ttl=64 (repuest in 14) id=0x0001, seq=18/4608, ttl=64 (repuest in 14) id=0x0001, seq=18/4608, ttl=64 (repuest in 18) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=24/5376, ttl=</pre></td>	Source Detth 192.0.2.100 108 192.0.2.100	Number Product 1.51.100.100 ICM 1.51.100.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .0.2.100 I	cal Length 0 108 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P 10 0x5990 (7 0x5990 (7 0x5990 (7 0x5990 (7 0xc22 (1 0x500 (1 0xc22 (1 0xc20	P TTL Mo 222928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52240) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52421) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52623) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52809) 64 Echo (pin	g) request g) request g) reply g) reply g) request g) request	<pre>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (repuest in 2) id=0x0001, seq=16/4096, ttl=64 (repuest in 7) id=0x0001, seq=16/4096, ttl=64 (repuest in 6) id=0x0001, seq=16/4096, ttl=64 (repuest in 6) id=0x0001, seq=16/4096, ttl=64 (repuest in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (repuest in 10) id=0x0001, seq=17/4352, ttl=64 (repuest in 10) id=0x0001, seq=17/4352, ttl=64 (repuest in 10) id=0x0001, seq=18/4608, ttl=64 (repuest in 14) id=0x0001, seq=18/4608, ttl=64 (repuest in 14) id=0x0001, seq=18/4608, ttl=64 (repuest in 18) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=24/5376, ttl=</pre>
Internet Control Persage Protocol No. Tme - 1 2022-07-14 202:20:36.51385226 2 2022-07-14 202:20:36.513857280 3 2022-07-14 202:20:37.53772382 6 2022-07-14 202:20:37.53772588 7 2022-07-14 202:20:37.53772382 7 2022-07-14 202:20:37.53772382 7 2022-07-14 202:20:37.53772382 7 2022-07-14 202:20:37.53804615 9 2022-07-14 202:20:37.53804616 10 2022-07-14 202:20:38.562045033 13 2022-07-14 202:20:38.562045033 13 2022-07-14 202:20:38.562045033 13 2022-07-14 202:20:38.562045033 13 2022-07-14 202:20:38.562045033 13 2022-07-14 202:20:38.550250033 16 2022-07-14 202:20:38.55025003 17 2022-07-14 202:20:38.55025003 18 2022-07-14 202:20:38.55025003 18 2022-07-14 202:20:40.61018144 19 2022-07-14 202:20:41.631865136 25 2022-07-14 202:20:41.631865136 25 2022-07-14 20:20:42.657981971	Source Desti 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 198.5.1.00.100 192 192.0.2.100 198 192.0.2.100 192 192.0.2.100 192 192.0.2.100	Number Partic .51.100.100 ICM .52.106.100 ICM .02.100 ICM .02.100 ICM .02.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .02.100 ICM <tr< td=""><td>Cal Langth 0 108 0</td><td>P D 0x5990 (2 0x5990 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2</td><td>P TTL 146 222283 64 Echo (pin, 22283) 64 Echo (pin, 22083) 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52379 64 Echo (pin, 22084) 52420 64 Echo (pin, 22084) 52421 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52623 64 Echo (pin, 23084) 52790 64 Echo (pin, 23536) 52809 64 Echo (pin, 2353</td><td>g) request g) request g) reply g) request g) reply g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4864, ttl=64 (no response foundl) id=0x0001, seq=17/4864, ttl=64 (no response foundl) id=0x0001, seq=17/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=21/5376, ttl=64 (no response foundl) id=0x0001, seq=21/5376, ttl=64 (no response foundl) i</td></tr<>	Cal Langth 0 108 0	P D 0x5990 (2 0x5990 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2	P TTL 146 222283 64 Echo (pin, 22283) 64 Echo (pin, 22083) 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52379 64 Echo (pin, 22084) 52420 64 Echo (pin, 22084) 52421 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52623 64 Echo (pin, 23084) 52790 64 Echo (pin, 23536) 52809 64 Echo (pin, 2353	g) request g) request g) reply g) request g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4864, ttl=64 (no response foundl) id=0x0001, seq=17/4864, ttl=64 (no response foundl) id=0x0001, seq=17/4864, ttl=64 (request in 18) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=21/5376, ttl=64 (no response foundl) id=0x0001, seq=21/5376, ttl=64 (no response foundl) i
Internet Control Persage Protocol Internet Persage Protocol	Source Detth 192.0.7.100 108 193.1180.100	Number Product 1.51.100.100 ICM 1.51.100.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .0.2.100 ICM .0.2.100 <t< td=""><td>cal Length 0 108 0 10</td><td>P D 0x5990 (2 0x5290 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2 0xc24 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc26 (2</td><td>P TTL Me 22928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52308) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52421) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin,</td><td>g) request g) request g) reply g) request g) request</td><td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4066, ttl=64 (request in 2) id=0x0001, seq=16/4066, ttl=64 (request in 6) id=0x0001, seq=16/4066, ttl=64 (request in 6) id=0x0001, seq=16/4066, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (inc response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=21/5376, ttl=64 (no response foundl) id=0x00001, seq=21/5376, ttl=64 (no response foundl) id=0x00001, seq=21/5376, ttl=64 (no response foundl) id=0x00000, eeq=0 10 nt 11 zto</td></t<>	cal Length 0 108 0 10	P D 0x5990 (2 0x5290 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2 0xc24 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc26 (2	P TTL Me 22928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52308) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52421) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin,	g) request g) request g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4066, ttl=64 (request in 2) id=0x0001, seq=16/4066, ttl=64 (request in 6) id=0x0001, seq=16/4066, ttl=64 (request in 6) id=0x0001, seq=16/4066, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (inc response foundl) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=21/5376, ttl=64 (no response foundl) id=0x00001, seq=21/5376, ttl=64 (no response foundl) id=0x00001, seq=21/5376, ttl=64 (no response foundl) id=0x00000, eeq=0 10 nt 11 zto
Internet Control Persage Protocol No. Tme - 1 2022-07-14 20120136.5513855256 2 2022-07-14 20120136.55131857269 - 3 3022-07-14 20120136.5514117304 4 2022-07-14 20120136.514119312 5 2022-07-14 20120137.53772588 7 2022-07-14 20120137.53772588 7 2022-07-14 20120137.53772588 7 2022-07-14 20120137.537723648 10 2022-07-14 20120137.538064055 8 2022-07-14 20120137.538064051 10 2022-07-14 20120138.561776041 10 2022-07-14 20120138.561776310 11 2022-07-14 20120138.561770310 11 2022-07-14 20120138.562050333 13 2022-07-14 20120138.562050333 13 2022-07-14 20120138.562050333 13 2022-07-14 20120138.562050333 13 2022-07-14 20120138.562050333 12 2022-07-14 20120138.562050333 13 2022-07-14 20120148.6009007043 12 2022-07-14 20120148.600900713 2012-07-14 20120148.600900713 20 2022-07-14 20120148.600900713 2012-07-14 20120148.60090712 21 2022-07-14 20120148.61030805130 22 2022-07-14 20120148.631805368 25 2022-07-14 20120148.6318045368 25 2022-07-14 20120148.63480368 25 2022-07-14 20120148.6348736697 2 2022-07-14 20120148.63487366 25 2022-07-14 20120148.6348736697 2 2022-07-14	Source Desk 192.0.2.100 108 192.0.2.100 108 192.0.2.100 109 198.51.100.100 192 192.0.2.100 108 192.0.2.100 109 192.0.2.100	Number Particle 1.51.100.100 ICM 1.51.100.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .0.2.100	cal Langth 0 108 0	P D 0x5990 (2 0xcc2c (2 0xcc2c (3 0xcc2c (3 0xcc2c (3 0xcc2c (3 0xcc2b (5 0xcc2b (5 0xcc2b (5 0xcc4b	P TTL 140 229283 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 52268 64 Echo (pin, 52370 64 Echo (pin, 52379 64 Echo (pin, 52379 64 Echo (pin, 52379 64 Echo (pin, 52379 64 Echo (pin, 52323 64 Echo (pin, 52420 64 Echo (pin, 52421 64 Echo (pin, 52623 64 Echo (pin, 52623 64 Echo (pin, 52623 64 Echo (pin, 52790 64 Echo (pin, 52790 64 Echo (pin, 52809 64 Echo (pin, 52809 64 Echo (pin, 52809 64 Echo (pin, 52809 64 Echo (pin, 52809	g) request g) request g) reply g) request g) reply g) request g) request	<pre>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (repust in 2) id=0x0001, seq=16/4096, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 1) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (reply in 1) id=0x0001, seq=18/4608, ttl=64 (reply in 1) id=0x0001, seq=18/4608, ttl=64 (reply in 1) id=0x0001, seq=18/4608, ttl=64 (reply in 12) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (reply in 12) id=0x0001, seq=19/4864, ttl=64 (reply in 22) id=0x0001, seq=23/5120, ttl=64 (no response foundl) id=0x0001, seq=23/5120, ttl=64 (reply in 22) id=0x0001, seq=23/5120, ttl=64 (reply in 22) id=0x0001, seq=23/5376, ttl=64 (reply in 23) id=0x0001, seq=23/</pre>
Internet Control Message Protocol Na. Tme - 12022-07-14 20:20:36.51385/226 2 20:20-07-14 20:20:36.514117394 4 20:20:07-14 20:20:36.514117394 4 20:20:07-14 20:20:36.514117394 4 20:20:07-14 20:20:36.514117394 4 20:20:07-14 20:20:37.537726588 7 20:20:07-14 20:20:37.537726588 7 20:20:07-14 20:20:37.537726588 7 20:20:07-14 20:20:38.561776810 11 20:20:07-14 20:20:38.561778310 12 20:20:07-14 20:20:38.561776831 12 20:20:07-14 20:20:38.561776831 12 20:20:07-14 20:20:38.561776831 12 20:20:07-14 20:20:38.561776831 13 20:20:07-14 20:20:38.561776831 12 20:20:07-14 20:20:40.6101706857 20:20:07-14 20:20:40.6101706857 20:20:07-14 20:20:40.6101706857 20:20:07-14 20:20:40.6101706857	Source Data 192.0.2.100 198 192.0.2.100 198 198.51.100.100 192 192.0.2.100 198 198.51.100.100 192 192.0.2.100 198 193.51.100.100 192 193.51.100.100 192 193.51.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 193.51.100.100 192 192.0.2.100 198 193.51.100.100 192 193.51.100.100 192 193.51.100.100 192 193.51.100.100 192 193.51.100.100 192 193.51.100.100 192 193.51.100.100 192 193.51.100.100 192 193.51.100.100 192	Number Prote 5.51.100.100 ICM .62.100 ICM .62.100 ICM .62.100 ICM .62.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .62.100 ICM .51.100.100 ICM .51.100.100 <t< td=""><td>cal Langh 0 108 0 0 108 0 0 108 0 0 108 0 0 108 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>P D 0x5990 (2 0x5290 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2 0xc24 (2 0xc24 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc26 (2</td><td>P TTL 146 22928) 64 Echo (pin, 22928) 64 Echo (pin, 52068) 64 Echo (pin, 52068) 64 Echo (pin, 52068) 64 Echo (pin, 52069) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52680) 64 Echo (pin, 52680) 64 Echo (pin, 52680) 64 Echo (pin, 52680) 64 Echo (pin, <</td><td>g) request g) request g) reply g) request g) reply g) request g) request</td><td><pre>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 26) id=0x0001, seq=21/5376, tt</pre></td></t<>	cal Langh 0 108 0 0 108 0 0 108 0 0 108 0 0 108 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P D 0x5990 (2 0x5290 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2 0xc24 (2 0xc24 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc25 (2 0xc26 (2	P TTL 146 22928) 64 Echo (pin, 22928) 64 Echo (pin, 52068) 64 Echo (pin, 52068) 64 Echo (pin, 52068) 64 Echo (pin, 52069) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52379) 64 Echo (pin, 52373) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52790) 64 Echo (pin, 52680) 64 Echo (pin, 52680) 64 Echo (pin, 52680) 64 Echo (pin, 52680) 64 Echo (pin, <	g) request g) request g) reply g) request g) reply g) request g) request	<pre>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=17/4864, ttl=64 (request in 14) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 26) id=0x0001, seq=21/5376, tt</pre>
Internet Control Persage Protocol No. Tme - 12022-07-14 2012:03:65.513855266 22022-07-14 2012:03:65.513857268 33022-07-14 2012:03:65.513857268 7002-07-14 2012:03:75.53772588 7002-07-14 2012:03:75.53772588 7002-07-14 2012:03:75.53772588 7002-07-14 2012:03:55.51772310 10:002-07-14 2012:03:55.50770331 10:002-07-14 2012:03:55.50570431 12:202-07-14 2012:03:55.50570431 14:202-07-14 2012:03:55.50570431 14:202-07-14 2012:03:55.50570431 14:202-07-14 2012:03:55.50570431 14:202-07-14 2012:03:55.5057043 14:202-07-14 2012:03:55.5057043 14:202-07-14 2012:03:55.5057043 14:202-07-14 2012:03:55.5057043 14:202-07-14 2012:03:55.5057043 12:202-07-14 2012:03:55.5057043 12:202-07-14 2012:04.61081944 2022-07-14 2012:04.61081944 2022-07-14 2012:04.61081944	Source Detth 192.0.2.100 198 192.0.2.100 198 192.0.2.100 192 195.51.100.100 192 192.0.2.100 198 193.51.100.100 192 192.0.2.100 198 193.51.100.100 192 192.0.2.100	Number Protect 1.51.100.100 ICM 1.51.100.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .0.2.100 I	cal Langth P 108 P 10	P 10 0x5990 (2 0x5290 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2	P TTL 140 22928) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52268) 64 Echo (pin, 52379) 64 Echo (pin, 52323) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52420) 64 Echo (pin, 52421) 64 Echo (pin, 52621) 64 Echo (pin, 52621) 64 Echo (pin, 52623) 64 Echo (pin, 52623) 64 Echo (pin, 52623) 64 Echo (pin, 52623) 64 Echo (pin, 52790) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin, 52809) 64 Echo (pin, <	g) request g) request g) reply g) request g) reply g) request g) request	<pre>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (reply in 3) id=0x0001, seq=15/3840, ttl=64 (reply in 2) id=0x0001, seq=16/4096, ttl=64 (no response foundl) id=0x0001, seq=16/4096, ttl=64 (reply in 7) id=0x0001, seq=16/4096, ttl=64 (reply in 10) id=0x0001, seq=17/4352, ttl=64 (reply in 11) id=0x0001, seq=17/4352, ttl=64 (reply in 12) id=0x0001, seq=17/4352, ttl=64 (reply in 13) id=0x0001, seq=17/4352, ttl=64 (reply in 13) id=0x0001, seq=17/4352, ttl=64 (reply in 13) id=0x0001, seq=17/4352, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 15) id=0x0001, seq=18/4608, ttl=64 (reply in 13) id=0x0001, seq=19/4864, ttl=64 (reply in 13) id=0x0001, seq=24/5352, ttl=64 (no response foundl) id=0x0001, seq=24/5120, ttl=64 (repuest in 18) id=0x0001, seq=24/5120, ttl=64 (reply in 23) id=0x0001, seq=24/5120, ttl=64 (reply in 22) id=0x0001, seq=24/5120, ttl=64 (roepuest in 22) id=0x0001, seq=24/5120, ttl=64 (roepuest in 22) id=0x0001, seq=24/5376, ttl=64 (roe response foundl) id=0x0001, seq=24/5376, ttl=64 (roepust in 22) id=0x0001, seq=24/5376, ttl=64 (roepust in 22) id=0x0001, seq=24/5376, ttl=64 (roepust in 22) id=0x0001, seq=24/5376, ttl=64 (roe response foundl) id=0x00001, seq=24/5376, ttl=64 (roe</pre>
Internet Control Persage Protocol Na. Tme - 12022-07-14 20:20:36.51385226 2 20:20-07-14 20:20:36.514117394 4 32:22-07-14 20:20:36.514117394 4 32:22-07-14 20:20:36.514117394 4 32:22-07-14 20:20:36.514117394 4 32:22-07-14 20:20:36.514117394 7:20:22-07-14 20:20:37.5372588 7:20:22-07-14 20:20:37.5372588 7:20:22-07-14 20:20:38.562048288 12:20:22-07-14 20:20:38.562048288 12:20:22-07-14 20:20:38.562048288 12:20:20-07-14 20:20:38.5620480331 12:20:20-07-14 20:20:38.5620480331 12:20:20-07-14 20:20:38.5620480331 12:20:20-07-14 20:20:38.5620480331 13:20:22-07-14 20:20:38.5620480331 12:20:20-07-14 20:20:38.5620480331 12:20:20-07-14 20:20:46.610179668 12:20:20-07-14 20:20:46.610179668 2:20:22-07-14 20:20:42.65770180 2:20:20-07-14 20:20:42.65770180 </td <td>Source Deskt 192.0.2.100 198 192.0.2.100 198 198.51.100.100 192 192.0.2.100 198 198.51.100.100 192 192.0.2.100 198 192.0.2.100 198 198.51.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 192 193.51.100.100 192 194.51.100.100 192 195.51.100.100 192 195.51.</td> <td>Number Parts 1.51.100.100 [CM .6.2.100 [CM</td> <td>Cal Langth P 0 108 0 0 0</td> <td>P D 0x5990 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2</td> <td>P TTL 146 22928) 64 Echo (pin, 22928) 22928) 64 Echo (pin, 22084) 52268) 64 Echo (pin, 22084) 52268) 64 Echo (pin, 22084) 52268) 64 Echo (pin, 22084) 52279) 64 Echo (pin, 22084) 52379) 64 Echo (pin, 22084) 52379) 64 Echo (pin, 22084) 52323) 64 Echo (pin, 22084) 52420) 64 Echo (pin, 22084) 52421) 64 Echo (pin, 22084) 52621) 64 Echo (pin, 22084) 52623) 64 Echo (pin, 23086) 52790) 64 Echo (pin, 23086) 52790) 64 Echo (pin, 23086) 52809) 64 Echo (pin, 23086) 52809) 64 Echo (pin, 23086) 52809) 64 Echo (pin, 23086) 528090) 64 Echo</td> <td>g) request g) request g) reply g) request g) reply g) request g) request</td> <td><pre>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/4806, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4864, ttl=64 (request in 12) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=21/5376, ttl=64 (request in 26) id=0x0001, seq=21/5376, ttl=64 (request in 27) id=0x0001, seq=21/5376, ttl=64 (request in 26) id=0x0001, seq=21/5376, ttl=64 (request in 27) id=0x0001, seq=21/5376, ttl=64 (request in 26) id=0x0001, seq=21/5376, ttl=64 (request in 27) id=0x0001, seq=21/5376, ttl=64 (request in 27) id=0x0001, seq=21/5376, ttl=64 (request in 27) id=0x0001, seq=21/5376, ttl=64 (request in 28) id=0x0000, seq=21/5376, ttl=64 (request in 28) id=0x0000, seq=21/5376, ttl=64 (request in 28) id=0x0000, seq=00 on</pre></td>	Source Deskt 192.0.2.100 198 192.0.2.100 198 198.51.100.100 192 192.0.2.100 198 198.51.100.100 192 192.0.2.100 198 192.0.2.100 198 198.51.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 192 193.51.100.100 192 194.51.100.100 192 195.51.100.100 192 195.51.	Number Parts 1.51.100.100 [CM .6.2.100 [CM	Cal Langth P 0 108 0 0 0	P D 0x5990 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2	P TTL 146 22928) 64 Echo (pin, 22928) 22928) 64 Echo (pin, 22084) 52268) 64 Echo (pin, 22084) 52268) 64 Echo (pin, 22084) 52268) 64 Echo (pin, 22084) 52279) 64 Echo (pin, 22084) 52379) 64 Echo (pin, 22084) 52379) 64 Echo (pin, 22084) 52323) 64 Echo (pin, 22084) 52420) 64 Echo (pin, 22084) 52421) 64 Echo (pin, 22084) 52621) 64 Echo (pin, 22084) 52623) 64 Echo (pin, 23086) 52790) 64 Echo (pin, 23086) 52790) 64 Echo (pin, 23086) 52809) 64 Echo (pin, 23086) 52809) 64 Echo (pin, 23086) 52809) 64 Echo (pin, 23086) 528090) 64 Echo	g) request g) request g) reply g) request g) reply g) request g) request	<pre>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/4806, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4864, ttl=64 (request in 12) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=20/5120, ttl=64 (request in 22) id=0x0001, seq=21/5376, ttl=64 (request in 26) id=0x0001, seq=21/5376, ttl=64 (request in 27) id=0x0001, seq=21/5376, ttl=64 (request in 26) id=0x0001, seq=21/5376, ttl=64 (request in 27) id=0x0001, seq=21/5376, ttl=64 (request in 26) id=0x0001, seq=21/5376, ttl=64 (request in 27) id=0x0001, seq=21/5376, ttl=64 (request in 27) id=0x0001, seq=21/5376, ttl=64 (request in 27) id=0x0001, seq=21/5376, ttl=64 (request in 28) id=0x0000, seq=21/5376, ttl=64 (request in 28) id=0x0000, seq=21/5376, ttl=64 (request in 28) id=0x0000, seq=00 on</pre>
Internet Control Persage Protocol Internet Protocol Version 4, Src: 13 Internet Control Version 4, Src: 13 Internet Control Version 4, Src: 13 Internet Control Version 4, Src: 13 <thinternet 13<="" 4,="" control="" src:="" th="" version=""></thinternet>	Source Detth 192.0.2.100 108 192.0.2.100	Number Protect 1.51.100.100 ICM 1.51.100.100 ICM .0.2.100 ICM .0.2.100 ICM .0.2.100 ICM .51.100.100 ICM .51.100.100 ICM .51.100.100 ICM .0.2.100 ICM .0.2.100 <t< td=""><td>cal Langth 0 108 0 10</td><td>P 10 0x5990 (2 0x5990 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2</td><td>P TTL 146 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22928) 52268) 64 Echo (pin, 22928) 52268) 64 Echo (pin, 22928) 52268) 64 Echo (pin, 22927) 52379) 64 Echo (pin, 22979) 52379) 64 Echo (pin, 23923) 52379) 64 Echo (pin, 23923) 52420) 64 Echo (pin, 239366) 52420) 64 Echo (pin, 239366) 52621) 64 Echo (pin, 23949) 52621) 64 Echo (pin, 23419) 52621) 64 Echo (pin, 23419) 526223) 64 Echo (pin, 23422) 526231 64 Echo (pin, 23422) 526231 64 Echo (pin, 23422) 526233 64 Echo (pin, 23422) 52790) 64 Echo (pin, 23366) 52790) 64 Echo (pin, 23366) 52809) 64 Echo (pin, 23536) 52809</td><td>g) request g) request g) reply g) request g) request g) request g) request g) request g) request g) request g) request g) request g) reqly g) request g) reqly g) request g) reqly g) request g) reqly g) request g) reqly g) request g) reqly g) request g) reqly</td><td><pre>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4006, ttl=64 (request in 7) id=0x0001, seq=16/4006, ttl=64 (request in 6) id=0x0001, seq=16/4006, ttl=64 (request in 6) id=0x0001, seq=16/4006, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4352, ttl=64 (request in 12) id=0x0001, seq=17/4364, ttl=64 (request in 22) id=0x0001, seq=2/5372, ttl=64 (no response foundl) id=0x0001, seq=2/5376, ttl=64 (request in 22) id=0x0001, seq=2/5376, ttl=64 (request in 22) id=0x0001, seq=2/5376, ttl=64 (request in 26) id=0x0001, seq=2/5376, ttl=64 (request in 27) id=0x0001, seq=2/5376, ttl=64 (request in 28) id=0x0001, seq=2/5376, ttl=64 (request in 28) id=0x00001, seq=2/5376, ttl=64 (reque</pre></td></t<>	cal Langth 0 108 0 10	P 10 0x5990 (2 0x5990 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2	P TTL 146 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22928) 64 Echo (pin, 22928) 52268) 64 Echo (pin, 22928) 52268) 64 Echo (pin, 22928) 52268) 64 Echo (pin, 22927) 52379) 64 Echo (pin, 22979) 52379) 64 Echo (pin, 23923) 52379) 64 Echo (pin, 23923) 52420) 64 Echo (pin, 239366) 52420) 64 Echo (pin, 239366) 52621) 64 Echo (pin, 23949) 52621) 64 Echo (pin, 23419) 52621) 64 Echo (pin, 23419) 526223) 64 Echo (pin, 23422) 526231 64 Echo (pin, 23422) 526231 64 Echo (pin, 23422) 526233 64 Echo (pin, 23422) 52790) 64 Echo (pin, 23366) 52790) 64 Echo (pin, 23366) 52809) 64 Echo (pin, 23536) 52809	g) request g) request g) reply g) request g) request g) request g) request g) request g) request g) request g) request g) request g) reqly g) request g) reqly g) request g) reqly g) request g) reqly g) request g) reqly g) request g) reqly g) request g) reqly	<pre>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4006, ttl=64 (request in 7) id=0x0001, seq=16/4006, ttl=64 (request in 6) id=0x0001, seq=16/4006, ttl=64 (request in 6) id=0x0001, seq=16/4006, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4352, ttl=64 (request in 14) id=0x0001, seq=17/4352, ttl=64 (request in 12) id=0x0001, seq=17/4364, ttl=64 (request in 22) id=0x0001, seq=2/5372, ttl=64 (no response foundl) id=0x0001, seq=2/5376, ttl=64 (request in 22) id=0x0001, seq=2/5376, ttl=64 (request in 22) id=0x0001, seq=2/5376, ttl=64 (request in 26) id=0x0001, seq=2/5376, ttl=64 (request in 27) id=0x0001, seq=2/5376, ttl=64 (request in 28) id=0x0001, seq=2/5376, ttl=64 (request in 28) id=0x00001, seq=2/5376, ttl=64 (reque</pre>
Internet Control Message Protocol Nn. Tme - 12022-07-14 20:20:36.51385226 20202-07-14 20:20:36.513857280 - 32022-07-14 20:20:36.514117394 4 2022-07-14 20:20:36.514117394 4 2022-07-14 20:20:36.514117394 5 2022-07-14 20:20:36.514117394 7 2022-07-14 20:20:37.53772828 7 2022-07-14 20:20:37.5370484311 9 2022-07-14 20:20:38.562048288 12 2022-07-14 20:20:38.562048288 12 2022-07-14 20:20:38.562048288 12 2022-07-14 20:20:38.562048288 12 2022-07-14 20:20:38.562048288 12 2022-07-14 20:20:38.562048028 12 2022-07-14 20:20:38.562048028 12 2022-07-14 20:20:38.562048028 12 2022-07-14 20:20:38.562048028 12 2022-07-14 20:20:38.562048028 13 2022-07-14 20:20:38.562048028 13 2022-07-14 20:20:38.562048028 13 2022-07-14 20:20:38.562048028 13 2022-07-14 20:20:38.562048028 13 2022-07-14 20:20:38.562048029 2 2022-07-14 20:20:38.5620480338 13 2022-07-14 20:20:40.609071818 23 2022-07-14 20:20:42.657980807 23 2022-07-14 20:20:42.657980871660 2	Source Desk 192.0.2.100 198 192.0.2.100 198 193.0.2.100 192 195.51.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 193.51.100.100 192 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 198 192.0.2.100 192 192.0.2.100 192 192.0.2.100 192 192.0.2.100	Number Parts 1.51.100.100 104 .62.100 104 .6	Cal Langth 0 108 0	P D 0x5990 (2 0x5990 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc22 (2 0xc24 (2	P TTL 146 222283 64 Echo (pin, 22283) 22283 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52268 64 Echo (pin, 22084) 52279 64 Echo (pin, 22084) 52379 64 Echo (pin, 22084) 52379 64 Echo (pin, 22084) 52379 64 Echo (pin, 22084) 52323 64 Echo (pin, 22084) 52420 64 Echo (pin, 22084) 52621 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52623 64 Echo (pin, 22084) 52623 64 Echo (pin, 23084) 52790 64 Echo (pin, 23536) 52809 64 Echo (pin, 23536) <td>g) request g) request g) reply g) request g) reply g) request g) request</td> <td>id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=21/5376, ttl=64 (no response foundl) id=0x0001, seq=21/</td>	g) request g) request g) reply g) request g) reply g) request g) request	id=0x0001, seq=15/3840, ttl=64 (no response foundl) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=15/3840, ttl=64 (request in 2) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 6) id=0x0001, seq=16/4096, ttl=64 (request in 10) id=0x0001, seq=17/4352, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=18/4608, ttl=64 (no response foundl) id=0x0001, seq=19/4864, ttl=64 (request in 12) id=0x0001, seq=20/5120, ttl=64 (no response foundl) id=0x0001, seq=21/5376, ttl=64 (no response foundl) id=0x0001, seq=21/

Selecione o terceiro e o quarto pacotes e verifique os pontos principais:

1. Cada resposta de eco ICMP é capturada e exibida duas vezes.

- 2. O cabeçalho do pacote original está sem a marca VLAN.
- 3. O switch interno insere a tag de VLAN de porta adicional **102** que identifica a interface de saída Ethernet1/2.
- 4. O switch interno insere uma marca VN adicional.

54	5. Time	Source	Destination	Protocol	Length	PD	IP TTL Info		
1	1 2022-07-14 20:20:36.513854256	192.0.2.100	198.51.100.100	ICMP	108	0x5990 (22928)	64 Echo (ping) re	equest	id=0x0001, seq=15/3840, ttl=64 (no response found!)
-	> 2 2022-07-14 20:20:36.513857289	192.0.2.100	198.51.100.100	ICMP	108	8x5998 (22928)	64 Echo (ning) re	equest	id=0x0001, seq=15/3840, ttl=64 (reply in 3)
-	3 2022-07-14 20:20:36.514117394	198.51.100.100	9 192.0.2.100	ICMP	108 1	0xcc2c (52268)	64 Echo (ping) re	eply	id=0x0001, seq=15/3840, ttl=64 (request in 2)
	4 2022-07-14 20:20:36.514119312	198.51.100.100	9 192.0.2.100	ICMP	108	0xcc2c (52268)	64 Echo (ping) re	eply	id=0x0001, seg=15/3840, ttl=64
	5 2022-07-14 20:20:37.537723822	192.0.2.100	198,51,100,100	ICMP	108	0x5a00 (23040)	64 Echo (ping) re	equest	id=0x0001, seg=16/4096, ttl=64 (no response found!)
	6 2022-07-14 20:20:37.537726588	192.0.2.100	198.51.100.100	TCMP	108	0x5a00 (23040)	64 Echo (ping) re	equest	id=0x0001, seg=16/4006, ttl=64 (renly in 7)
	7 2022-07-14 20:20:37:537720366	109 51 100 100	102 0 2 100	TCMD	100	0x5a00 (25040)	64 Echo (ping) re	anly	id-0x0001, seq-16/4006, ttl-64 (request in 6)
	/ 2022-07-14 20:20:37.538040105	198.51.100.100	192.0.2.100	TCHP	108	0xcc90 (52379)	64 Echo (ping) re	epty	1d=0x0001, seq=10/4090, tt1=04 (request 1n 0)
	8 2022-07-14 20:20:37.538048311	198.51.100.100	9 192.0.2.100	ICMP	108	0xcc9b (52379)	64 Echo (ping) re	epty	1d=0x0001, seq=16/4096, tt1=64
	9 2022-07-14 20:20:38.561776064	192.0.2.100	198.51.100.100	ICMP	108	0x5ab7 (23223)	64 Echo (ping) re	equest	1d=0x0001, seq=17/4352, tt1=64 (no response found!)
	10 2022-07-14 20:20:38.561778310	192.0.2.100	198.51.100.100	ICMP	108	0x5ab7 (23223)	64 Echo (ping) re	equest	id=0x0001, seq=17/4352, ttl=64 (reply in 11)
	11 2022-07-14 20:20:38.562048288	198.51.100.100	9 192.0.2.100	ICMP	108	0xccc4 (52420)	64 Echo (ping) re	eply	id=0x0001, seq=17/4352, ttl=64 (request in 10)
	12 2022-07-14 20:20:38.562050333	198.51.100.100	9 192.0.2.100	ICMP	108	0xccc4 (52420)	64 Echo (ping) re	eply	id=0x0001, seq=17/4352, ttl=64
	13 2022-07-14 20:20:39,585677043	192.0.2.100	198,51,100,100	ICMP	108	0x5b46 (23366)	64 Echo (ping) re	equest	id=0x0001, seg=18/4608, ttl=64 (no response found!)
	14 2022-07-14 20:20:39.585678455	192.0.2.100	198, 51, 100, 100	TCMP	108	8x5h46 (23366)	64 Echo (ping) re	equest	id=0x0001, seg=18/4608, ttl=64 (renly in 15)
	15 2022-07-14 20-20-20 505026554	100 51 100 100	102 0 2 100	TCMD	100	0vcd9d (53631)	64 Echo (ping) re	anly	id-0x0001 seg-10/4600 ttl=64 (request in 14)
	15 2022-07-14 20:20:39:383930334	100 51 100 100	192.0.2.100	TCHP	100	Oxedod (52021)	CA Taba (ping) re	epty	id-0x0001, seq-10/4000, ttl-04 (request in 14)
	16 2022-07-14 20:20:39.585937900	198.51.100.100	3 192.0.2.100	TCHP	108	0xcd8d (52621)	64 Echo (ping) re	epty	10-0X0001, Seq=18/4008, tt1=04
	1/ 2022-0/-14 20:20:40.609804804	192.0.2.100	198.51.100.100	TCMP	108	0x50/0 (23419)	64 ECRO (ping) re	equest	10=0x0001, seq=19/4864, tt1=64 (no response found!)
	18 2022-07-14 20:20:40.609807618	192.0.2.100	198.51.100.100	ICMP	108	0x5b7b (23419)	64 Echo (ping) re	equest	1d=0x0001, seq=19/4864, ttl=64 (reply in 19)
	19 2022-07-14 20:20:40.610179685	198.51.100.100	9 192.0.2.100	ICMP	108	0xcd8f (52623)	64 Echo (ping) re	eply	id=0x0001, seq=19/4864, ttl=64 (request in 18)
	20 2022-07-14 20:20:40.610181944	198.51.100.100	9 192.0.2.100	ICMP	108	0xcd8f (52623)	64 Echo (ping) re	eply	id=0x0001, seq=19/4864, ttl=64
	21 2022-07-14 20:20:41.633805153	192.0.2.100	198.51.100.100	ICMP	108	0x5b7e (23422)	64 Echo (ping) re	equest	id=0x0001, seq=20/5120, ttl=64 (no response found!)
	22 2022-07-14 20:20:41.633806997	192.0.2.100	198.51.100.100	ICMP	108	0x5b7e (23422)	64 Echo (ping) re	equest	id=0x0001, seg=20/5120, ttl=64 (reply in 23)
	23 2022-07-14 20:20:41.634084102	198,51,100,100	192.0.2.100	ICMP	108	0xce36 (52790)	64 Echo (ping) re	eply	id=0x0001, seg=20/5120, ttl=64 (request in 22)
	24 2022-07-14 20:20:41 634085368	108 51 100 100	102 0 2 100	TCMD	108	0xco36 (52700)	64 Echo (ping) re	enly	id=0x0001 sog=20/5120 ttl=64
	26 2022 07 14 20 20 41 00 400 500	103 0 3 100	100 51 100 100	TCND	100	avente (32536)	64 Echo (ping) re	cpry	id-0x0001, seq-20/5120, tt1-64 (no perpense found))
	25 2022-07-14 20:20:42.057709898	192.0.2.100	198.51.100.100	ICHP	108	0x5010 (23530)	64 Echo (ping) re	equest	id exect and at (5376, ttl=64 (no response round)
	26 2022-07-14 20:20:42.657711660	192.0.2.100	198.51.100.100	ICMP	108	0x50f0 (23536)	64 Echo (ping) re	equest	1d=0x0001, seq=21/5376, tt1=64 (reply in 27)
	27 2022-07-14 20:20:42.657980675	198.51.100.100	9 192.0.2.100	ICMP	108	0xce49 (52809)	64 Echo (ping) re	eply	id=0x0001, seq=21/5376, ttl=64 (request in 26)
	28 2022-07-14 20:20:42.657981971	198.51.100.100	9 192.0.2.100	ICMP	108	0xce49 (52809)	64 Echo (ping) re	eply	id=0x0001, seq=21/5376, ttl=64
	29 2022-07-14 20:20:43.681736697	192.0.2.100	198.51.100.100	ICMP	108	0x5c52 (23634)	64 Echo (ping) re	equest	id=0x0001, seq=22/5632, ttl=64 (no response found!)
ć									
E	a secolar a								an se se se ad le le se en led le na el se as as as an led le le se
2	Frame 3: 108 bytes on wire (864 bit	s), 108 bytes (captured (864 bits) on interface	capture_	u0_8, 1d 0			000 00 50 56 90 e8 be 58 97 bd b9 77 0e 89 26 00 00 PV···X···W··&··
2	Ethernet II, Src: Cisco b9:77:0e (5	8:97:bd:b9:77:0	3e), Dst: VMware_9	d:e8:be (00:50:	56:9d:e8	:be)			1010 00 0a 81 00 00 06 08 00 45 00 00 54 cc 2c 00 00
~	VN-Tag							6	1020 40 01 C1 80 C6 33 64 64 C0 00 02 64 00 00 23 68 @····3dd ···d··*n
н	0	= Direc	tion: To Bridge						000 00 01 00 01 89 74 00 02 00 00 00 00 03 07 09 00 00 02 0
н	.0	= Point	er: vif_id						
н	0000 0000 0000 0000 0000	= Desti	nation: 0						1050 10 10 10 11 20 21 22 23 24 25 26 27 28 29 28 20 ····· ! # \$M& ()"+
н	0	= Loope	d: No	A				6	2C 20 2C 2T 30 31 32 33 34 35 36 37 ,/0123 4367
н		Reser	ved: 0	* 1					
н	00	= Versi	001 0						
н	0000 000	00 1010 - Counc	01.10						
н		00 1010 = Sourc	e: 10						
L	Type: 802.10 VIPtual LAN (0x8100)	,		_					
ř	802.10 Virtual LAN, PRI: 0, DEI: 0,	ID: 102							
н	000 = Priority: 8	Best Effort (de	fault) (0)	-					
н	0 = DEI: Inelig	gible		31					
н	0000 0110 0110 = ID: 102			-					
н	Type: IPv4 (0x0800)								
	Internet Protocol Version 4, Src: 1	98.51.100.100.	Dst: 192.0.2.100	-					
5	Internet Control Message Protocol	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		21					
Ľ	control nessage riototol			-					
н									
н									
н									

Explicação

Quando uma captura de pacote em uma interface de painel traseiro é configurada, o switch captura simultaneamente cada pacote duas vezes. Nesse caso, o switch interno recebe pacotes que já estão marcados pelo aplicativo no módulo de segurança com a marca da VLAN da porta e a marca da VLAN. A marca VLAN identifica a interface de saída que o chassi interno usa para encaminhar os pacotes à rede. A marca de VLAN 103 nos pacotes de solicitação de eco ICMP identifica Ethernet1/3 como a interface de saída, enquanto a marca de VLAN 102 nos pacotes de resposta de eco ICMP identifica Ethernet1/2 como a interface de saída. O switch interno remove a marca VN e a marca VLAN da interface interna antes que os pacotes sejam encaminhados à rede.

Esta tabela resume a tarefa:

Tarefa	Ponto de captura	VLAN de porta interna em pacotes capturados	Direçã o	Tráfego capturado
Configurar e verificar capturas de pacotes nas interfaces do painel traseiro	Interfac es de backpla ne	102 103	Somen te entrad a	Solicitações de eco ICMP do ho 192.0.2.100 para o host 198.51.100.100 Respostas de eco ICMP do hos 198.51.100.100 para o host

As capturas de pacotes de porta de aplicativo ou de aplicativo são sempre configuradas nas interfaces do painel traseiro e, adicionalmente, nas interfaces frontais, se o usuário especificar a direção de captura do aplicativo.

Há principalmente 2 casos de uso:

- Configurar capturas de pacotes nas interfaces do painel traseiro para pacotes que deixam uma interface frontal específica. Por exemplo, configure capturas de pacotes na interface Ethernet1/9 do painel traseiro para pacotes que deixam a interface Ethernet1/2.
- Configure capturas simultâneas de pacotes em uma interface frontal específica e nas interfaces de backplane. Por exemplo, configure capturas simultâneas de pacotes na interface Ethernet1/2 e na interface Ethernet1/9 do painel traseiro para pacotes que deixam a interface Ethernet1/2.

Esta seção abrange ambos os casos de uso.

Tarefa 1

Use o FCM e a CLI para configurar e verificar uma captura de pacote na interface do painel traseiro. Os pacotes para os quais a porta de aplicação Ethernet1/2 é identificada como interface de saída são capturados. Nesse caso, as respostas ICMP são capturadas.

Topologia, fluxo de pacotes e pontos de captura



Configuração

FCM

Siga estas etapas no FCM para configurar uma captura de pacote no aplicativo FTD e na porta Ethernet1/2 do aplicativo:

1. Use Tools > Packet Capture > Capture Session para criar uma nova sessão de captura:

Packet Capture Troubleshooting Logs Capture Session Filter List © Refresh Capture Session No Session available	Overview Interfaces Logical Devices Security Engine Platform Settings	System	Tools Help admin
Capture Session Filter List C Refresh Capture Session No Session available		Packet Capture	Troubleshooting Logs
Capture Session Delete Al Sessions	Capture Session Fiter List		
No Session available	C Refresh	Capture Session Dele	te All Sessions
	No Session available		

 Selecione o aplicativo Ethernet1/2 na lista suspensa Application Port e selecione Egress Packet na Application Capture Direction. Forneça o Nome da Sessão e clique em Salvar e Executar para ativar a captura:

Overview Interfaces Logical Devices Security Engine	Platform Settings			System Tools Help admin
Select an instance: ftd1			Save and Run Save	Cancel
ftd1		Session Name*	capi	
		Selected Interfaces	None	
Ethernet1/2		Buffer Size	256 MB 👻	
		Snap length:	1518 Bytes	
		Store Packets	Overwrite Append	
		Capture On	ftd	
Ethernet1/3	FTD	Application Port	Ethernet1/2	
	Ethernet1/9, Ethernet1/10	Application Capture Direction	All Packets Egress Packet	
		Capture Filter	Apply Filter Capture All	
Ethernet1/1				
L				
Ethernet1/3	FD Ethernet1/9, Ethernet1/10	Store Packets Capture On Application Port Application Capture Direction Capture Filter	Overwrite Append ftd Ethernet1/2 All Packets Egress Packet Apply Filter Capture All	

CLI FXOS

Siga estas etapas na CLI FXOS para configurar capturas de pacotes em interfaces de backplane:

1. Identificar o tipo de aplicativo e o identificador:

```
firepower# scope ssa
firepower /ssa# show app-instance
App Name Identifier Slot ID Admin State Oper State Running Version Startup Version
Deploy Type Turbo Mode Profile Name Cluster State Cluster Role
_____ ____
       ftd1 1
                                                7.2.0.82 7.2.0.82
ftd
                        Enabled Online
Native
       No
                          Not Applicable None
  2. Criar uma sessão de captura:
firepower# scope packet-capture
firepower /packet-capture # create session cap1
firepower /packet-capture/session* # create app-port 1 112 Ethernet1/2 ftd
firepower /packet-capture/session/app-port* # set app-identifier ftd1
firepower /packet-capture/session/app-port* # set filter ""
firepower /packet-capture/session/app-port* # set subinterface 0
firepower /packet-capture/session/app-port* # up
firepower /packet-capture/session* # commit
firepower /packet-capture/session #
Verificação
```

FCM

Verifique o **nome da interface**, certifique-se de que o **status operacional** esteja ativo e que o **tamanho do arquivo (em bytes)** aumente:

Overview Interfaces	Logical Devices Security Engine	Platform Settings				System Too	ls Help	admin
Capture Session Filter List								
					Capture Session	Delete Al Sessi	ons	
ap1 cap1	Drop Count: 0	Operational State: up	Buffer Size: 256 MB		Snap Length: 1518 Bytes			8
Interface Name	Filter	File Size (in bytes)	File Name	Device Name				
Ethernet1/2 - Ethernet1/10	None	576	cap1-vethernet-1175.pcap	ftd1	*			
Ethernet1/2 - Ethernet1/9	None	4360	cap1-vethernet-1036.pcap	ftd1	⊻			

CLI FXOS

Verifique os detalhes da captura em scope packet-capture:

```
firepower# scope packet-capture
firepower /packet-capture # show session cap1
Traffic Monitoring Session:
   Packet Capture Session Name: cap1
  Session: 1
   Admin State: Enabled
   Oper State: Up
   Oper State Reason: Active
   Config Success: Yes
  Config Fail Reason:
  Append Flag: Overwrite
  Session Mem Usage: 256 MB
  Session Pcap Snap Len: 1518 Bytes
  Error Code: 0
  Drop Count: 0
Application ports involved in Packet Capture:
   Slot Id: 1
   Link Name: 112
   Port Name: Ethernet1/2
  App Name: ftd
   Sub Interface: 0
   Application Instance Identifier: ftd1
Application ports resolved to:
   Name: vnic1
   Eq Slot Id: 1
   Eq Port Id: 9
   Pcapfile: /workspace/packet-capture/session-1/cap1-vethernet-1036.pcap
   Pcapsize: 53640 bytes
   Vlan: 102
  Filter:
  Name: vnic2
   Eq Slot Id: 1
   Eq Port Id: 10
   Pcapfile: /workspace/packet-capture/session-1/cap1-vethernet-1175.pcap
   Pcapsize: 1824 bytes
   Vlan: 102
   Filter:
Coletar arquivos de captura
```

Siga as etapas na seção Coletar arquivos de captura do switch interno Firepower 4100/9300.

Capturar análise de arquivo

Use um aplicativo leitor de arquivo de captura de pacote para abrir os arquivos de captura. No caso de várias interfaces de backplane, certifique-se de abrir todos os arquivos de captura para cada interface de backplane. Nesse caso, os pacotes são capturados na interface Ethernet1/9 do painel traseiro.

Selecione o primeiro e o segundo pacotes e verifique os pontos principais:

- 1. Cada resposta de eco ICMP é capturada e exibida duas vezes.
- 2. O cabeçalho do pacote original está sem a marca VLAN.
- 3. O switch interno insere a tag de VLAN de porta adicional **102** que identifica a interface de saída Ethernet1/2.
- 4. O switch interno insere uma marca VN adicional.

No.	Time	Source	Destination	Protocol	Length	CI 4	IP TTL Info	_	
	1 2022-08-01 10:03:22.231237959	198.51.100.100	192.0.2.100	ICMP	108 -	0x42f8 (17144)	64 Echo (ping) reply	y id	=0x0012, seq=1/256, ttl=64
	2 2022-08-01 10:03:22.231239747	198.51.100.100	192.0.2.100	ICMP	108	0x42f8 (17144)	64 Echo (ping) reply	y id	=0x0012, seq=1/256, ttl=64
	3 2022-08-01 10:03:23.232244769	198.51.100.100	192.0.2.100	ICMP	108	0X4303 (17331)	64 ECHO (ping) repiy	y id	=0x0012, seq=2/512, ttl=64
	4 2022-08-01 10:03:23.232247753	198.51.100.100	192.0.2.100	ICMP	108	0x43b3 (17331)	64 Echo (ping) reply	y id	=0x0012, seq=2/512, ttl=64
	5 2022-08-01 10:03:24.234703981	198.51.100.100	192.0.2.100	ICMP	108	0x445e (17502)	64 Echo (ping) reply	y id	=0x0012, seq=3/768, ttl=64
	6 2022-08-01 10:03:24.234706751	198.51.100.100	192.0.2.100	ICMP	108	0x445e (17502)	64 Echo (ping) reply	y id	=0x0012, seq=3/768, ttl=64
	7 2022-08-01 10:03:25.258672449	198.51.100.100	192.0.2.100	ICMP	108	0x4464 (17508)	64 Echo (ping) reply	y id	=0x0012, seq=4/1024, ttl=64
	8 2022-08-01 10:03:25.258674861	198.51.100.100	192.0.2.100	ICMP	108	0x4464 (17508)	64 Echo (ping) reply	y id	=0x0012, seq=4/1024, ttl=64
	9 2022-08-01 10:03:26.282663169	198.51.100.100	192.0.2.100	ICMP	108	0x44c3 (17603)	64 Echo (ping) reply	y id	=0x0012, seq=5/1280, ttl=64
	10 2022-08-01 10:03:26.282666183	198.51.100.100	192.0.2.100	ICMP	108	0x44c3 (17603)	64 Echo (ping) reply	y id	=0x0012, seq=5/1280, ttl=64
	11 2022-08-01 10:03:27.306671694	198.51.100.100	192.0.2.100	ICMP	108	0x44e7 (17639)	64 Echo (ping) reply	y id	=0x0012, seq=6/1536, ttl=64
	12 2022-08-01 10:03:27.306674378	198.51.100.100	192.0.2.100	ICMP	108	0x44e7 (17639)	64 Echo (ping) reply	y id	=0x0012, seg=6/1536, ttl=64
	13 2022-08-01 10:03:28.330664677	198.51.100.100	192.0.2.100	ICMP	108	0x4550 (17744)	64 Echo (ping) reply	v id	=0x0012, seg=7/1792, ttl=64
	14 2022-08-01 10:03:28.330667153	198,51,100,100	192.0.2.100	ICMP	108	0x4550 (17744)	64 Echo (ping) reply	v id	=0x0012, seg=7/1792, ttl=64
	15 2022-08-01 10:03:29.354795931	198.51.100.100	192.0.2.100	ICMP	108	0x4553 (17747)	64 Echo (ping) reply	v id	=0x0012, seg=8/2048, ttl=64
	16 2022-08-01 10:03:29.354936706	198,51,100,100	192.0.2.100	ICMP	108	0x4553 (17747)	64 Echo (ping) reply	v id	=0x0012, seg=8/2048, ttl=64
	17 2022-08-01 10:03:30.378795204	198,51,100,100	192.0.2.100	ICMP	108	0x4597 (17815)	64 Echo (ping) reply	v id	=0x0012, seg=9/2304, ttl=64
	18 2022-08-01 10:03:30.378798172	198,51,100,100	192.0.2.100	ICMP	108	0x4597 (17815)	64 Echo (ping) reply	v id	=0x0012, seg=9/2304, ttl=64
	19 2022-08-01 10:03:31.402772217	198,51,100,100	192.0.2.100	TCMP	108	0x467a (18842)	64 Echo (ping) reply	v id	=0x0012, seg=10/2560, ttl=64
	20 2022-08-01 10:03:31.402774775	198,51,100,100	192.0.2.100	ICMP	108	0x467a (18842)	64 Echo (ping) reply	v id	=0x0012, seg=10/2560, ttl=64
	21 2022-08-01 10:03:32.426693254	198,51,100,100	192.0.2.100	ICMP	108	0x468a (18058)	64 Echo (ping) reply	v id	=0x0012, seg=11/2816, ttl=64
	22 2022-08-01 10:03:32.426695691	198,51,100,100	192.0.2.100	ICMP	108	0x468a (18058)	64 Echo (ping) reply	v id	=0x0012, seg=11/2816, ttl=64
<									
> Fr	rame 1: 108 bytes on wire (864 bit	s), 108 bytes ca	ptured (864 bits) o	n interface ca	pture uØ	8, id 0		6666	00 50 56 9d e8 be 58 97 bd b9 77 0e 89 26 00 00 ·PV···X· ··w··&··
> E1	thernet II, Src: Cisco b9:77:0e (5	8:97:bd:b9:77:0e), Dst: VMware 9d:e	8:be (00:50:56	:9d:e8:be)		0010	00 0a 81 00 00 66 08 00 45 00 00 54 42 f8 00 00 ·····f··E··TB···
 VI 	N-Tag			_		,		0020	40 01 4a b5 c6 33 64 64 c0 00 02 64 00 00 90 04 @·J··3dd ···d····
	0	= Directi	ion: To Bridge					0030	00 12 00 01 dd a4 e7 62 00 00 00 00 e3 0d 09 00bb
	.0	= Pointer	: vif id					0040	00 00 00 00 10 11 12 13 14 15 16 17 18 19 1a 1b
		= Destina	tion: 0					0050	1c 1d 1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b ····· !"# \$%&`()"+
	···· ··· ··· ··· ··· 0 ····	= Looped:	No 🖌					0000	2C 20 20 27 30 31 32 33 34 35 36 37 ,=./0123 4567
	0	= Reserve	d: 0						
		= Version	1: 0						
	0000 000	00 1010 = Source:	10						
	Type: 802.1Q Virtual LAN (0x8100))							
· 84	02.1Q Virtual LAN, PRI: 0, DEI: 0,	ID: 102							
	000 = Priority: E	Best Effort (defa	ult) (0)						
	0 = DEI: Inelią	gible	3						
	0000 0110 0110 = ID: 102		-						
	Type: IPv4 (0x0800)								
I	nternet Protocol Version 4, Src: 1	98.51.100.100, D	st: 192.0.2.100 👝						
I	nternet Control Message Protocol		4						

No. Time	Source	Destination	Protocol	Length	PD	IP TTL Info		
1 2022-08-01 10:03:22.231237959	198,51,100,100	192.0.2.100	ICMP	108 🖪	0x42f8 (17144)	64 Echo (ping) repl	ly i	id=0x0012, seg=1/256, ttl=64
2 2022-08-01 10:03:22.231239747	198.51.100.100	192.0.2.100	ICMP	108	0x42f8 (17144)	64 Echo (ping) repl	ly i	d=0x0012, seq=1/256, ttl=64
3 2022-08-01 10:03:23.232244769	198.51.100.100	192.0.2.100	ICMP	108	0X43D3 (17331)	64 ECHO (ping) repi	y i	id=0x0012, seq=2/512, ttl=64
4 2022-08-01 10:03:23.232247753	198.51.100.100	192.0.2.100	ICMP	108	0x43b3 (17331)	64 Echo (ping) repl	v i	d=0x0012, seg=2/512, ttl=64
5 2022-08-01 10:03:24.234703981	198.51.100.100	192.0.2.100	ICMP	108	0x445e (17502)	64 Echo (ping) repl	ly i	1d=0x0012, seq=3/768, ttl=64
6 2022-08-01 10:03:24.234706751	198.51.100.100	192.0.2.100	ICMP	108	0x445e (17502)	64 Echo (ping) repl	y i	d=0x0012, seq=3/768, ttl=64
7 2022-08-01 10:03:25.258672449	198.51.100.100	192.0.2.100	ICMP	108	0x4464 (17508)	64 Echo (ping) repl	v i	d=0x0012, seg=4/1024, ttl=64
8 2022-08-01 10:03:25.258674861	198.51.100.100	192.0.2.100	ICMP	108	0x4464 (17508)	64 Echo (ping) repl	v i	d=0x0012, seg=4/1024, ttl=64
9 2022-08-01 10:03:26.282663169	198.51.100.100	192.0.2.100	ICMP	108	0x44c3 (17603)	64 Echo (ping) repl	v i	d=0x0012, seg=5/1280, ttl=64
10 2022-08-01 10:03:26.282666183	198.51.100.100	192.0.2.100	ICMP	108	0x44c3 (17603)	64 Echo (ping) repl	y i	d=0x0012, seq=5/1280, ttl=64
11 2022-08-01 10:03:27.306671694	198.51.100.100	192.0.2.100	ICMP	108	0x44e7 (17639)	64 Echo (ping) repl	y i	d=0x0012, seq=6/1536, ttl=64
12 2022-08-01 10:03:27.306674378	198.51.100.100	192.0.2.100	ICMP	108	0x44e7 (17639)	64 Echo (ping) repl	y i	id=0x0012, seg=6/1536, ttl=64
13 2022-08-01 10:03:28,330664677	198,51,100,100	192.0.2.100	ICMP	108	0x4550 (17744)	64 Echo (ping) repl	v i	d=0x0012, seg=7/1792, ttl=64
14 2022-08-01 10:03:28,330667153	198,51,100,100	192.0.2.100	ICMP	108	0x4550 (17744)	64 Echo (ping) repl	v i	d=0x0012, seg=7/1792, ttl=64
15 2022-08-01 10:03:29.354795931	198.51.100.100	192.0.2.100	ICMP	108	0x4553 (17747)	64 Echo (ping) repl	y i	id=0x0012, seg=8/2048, ttl=64
16 2022-08-01 10:03:29.354936706	198,51,100,100	192.0.2.100	ICMP	108	0x4553 (17747)	64 Echo (ping) repl	v i	id=0x0012, seg=8/2048, ttl=64
17 2022-08-01 10:03:30.378795204	198,51,100,100	192.0.2.100	ICMP	108	0x4597 (17815)	64 Echo (ping) repl	v i	d=0x0012, seg=9/2304, ttl=64
18 2022-08-01 10:03:30.378798172	198.51.100.100	192.0.2.100	ICMP	108	0x4597 (17815)	64 Echo (ping) repl	v i	d=0x0012, seg=9/2304, ttl=64
19 2022-08-01 10:03:31.402772217	198,51,100,100	192.0.2.100	ICMP	108	0x467a (18842)	64 Echo (ping) repl	v i	d=0x0012, seg=10/2560, ttl=64
20 2022-08-01 10:03:31.402774775	198.51.100.100	192.0.2.100	ICMP	108	0x467a (18042)	64 Echo (ping) repl	v i	d=0x0012, seg=10/2560, ttl=64
21 2022-08-01 10:03:32.426693254	198.51.100.100	192.0.2.100	ICMP	108	0x468a (18058)	64 Echo (ping) repl	v i	d=0x0012, seg=11/2816, ttl=64
22 2022-08-01 10:03:32,426695691	198,51,100,100	192.0.2.100	ICMP	108	0x468a (18058)	64 Echo (ping) repl	v i	d=0x0012, seg=11/2816, ttl=64
¢								
) Frame 2: 108 hytes on wire (864 hit	s). 108 hytes ca	ntured (864 hits) or	interface ca	inture u8	8. id 0			00 50 56 9d 08 be 58 97 bd b9 77 00 89 26 00 00 PVX
> Ethernet II. Src: Cisco b9:77:0e (5	8:97:bd:b9:77:0e). Dst: VMware 9d:ed	t:be (00:50:56	:9d:e8:be	0) 10 0		0010	00 0a 81 00 00 66 08 00 45 00 00 54 42 f8 00 00 ·····f·· E··TB···
VN-Tag		i over maare vare			.,		0020	40 01 4a b5 c6 33 64 64 c0 00 02 64 00 00 90 04 @·J··3dd ···d····
0	= Directi	on: To Bridge					0030	00 12 00 01 dd a4 e7 62 00 00 00 00 e3 0d 09 00 ······b ······b
.0.	Pointer	: vif id					0040	00 00 00 00 10 11 12 13 14 15 16 17 18 19 1a 1b
	= Destina	tion: 0					0050	1c 1d 1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b ···· !"# \$%&'()"+
···· ··· ··· ··· · ··· 0 ···	= Looped:	No					0060	2c 2d 2e 2f 30 31 32 33 34 35 36 37 ,/0123 4567
	= Reserve	d: 0						
	= Version	: 0						
0000 00	00 1010 = Source:	10						
Type: 802.10 Virtual LAN (0x8100))							
802.10 Virtual LAN, PRI: 0, DEI: 0.	ID: 102							
000 = Priority:	Best Effort (defa	ult) (0)						
0 = DEI: Ineli	gible	2						
0000 0110 0110 = ID: 102	_	-						
Type: IPv4 (0x0800)								
> Internet Protocol Version 4, Src: 1	98.51.100.100, D	st: 192.0.2.100						
> Internet Control Message Protocol		2						

Explicação

Nesse caso, a Ethernet1/2 com a porta VLAN tag 102 é a interface de saída para os pacotes de resposta de eco ICMP.

Quando a direção de captura do aplicativo é definida como **Saída** nas opções de captura, os pacotes com a tag de VLAN de porta 102 no cabeçalho Ethernet são capturados nas interfaces de backplane na direção de entrada.

Esta tabela resume a tarefa:

Tarefa	Ponto de captura	VLAN de porta interna em pacotes capturados	Direção	Tráfego capturado
Configurar e verificar capturas na porta Ethernet1/2 do aplicativo e do aplicativo	Interfaces de backplane	102	Soment e entrada	Respostas de eco ICMP do ho 198.51.100.100 para o host 192.0.2.100

Tarefa 2

Use o FCM e a CLI para configurar e verificar uma captura de pacotes na interface do painel traseiro e na interface Ethernet1/2 da frente.

Capturas de pacotes simultâneas são configuradas em:

- Interface frontal os pacotes com a porta VLAN 102 na interface Ethernet1/2 são capturados. Os pacotes capturados são solicitações de eco ICMP.
- Interfaces de backplane pacotes para os quais a Ethernet1/2 é identificada como a interface de saída ou os pacotes com a porta VLAN 102 são capturados. Os pacotes capturados são respostas de eco ICMP.

Topologia, fluxo de pacotes e pontos de captura

	Chassis									
	Internal Switch		Security Module							
	Eth1/	Port VLAN 102	FTD/ASA							
	Port VLAN 102									
192.0.2.100 ICMP echo-request		Backplane								
ICMP echo-reply 198.51.100.100										

Configuração

FCM

Siga estas etapas no FCM para configurar uma captura de pacote no aplicativo FTD e na porta Ethernet1/2 do aplicativo:

1. Use Tools > Packet Capture > Capture Session para criar uma nova sessão de captura:

Overview Interfaces Logical Devices Security Engine Platform Settings	System	Tools Help admin
	Packet Capture	Troubleshooting Logs
Capture Session Fiter List		
C Refresh	Capture Session Delet	e All Sessions
No Session available		

 Selecione o aplicativo FTD, Ethernet1/2 na lista suspensa Application Port e selecione All Packets na Application Capture Direction. Forneça o Nome da Sessão e clique em Salvar e Executar para ativar a captura:

Overview Interfaces Logical Devices Security Engine Platform Settings			System Tools Help admin
Select an instance: ftd1 👻			Save and Run Save Cancel
ftd1	Session Name*	cap1	
Ethernet1/2	Selected Interfaces	256 MB	
_	Snap length: Store Packets	1518 Bytes Overwrite Append	
	Capture On Application Port	ftd	
Ethernet1/3 FTT Ethernet1/9, Et	D Application Capture Direction	All Packets Egress Packet	
	Capture Filter	Apply Filter Capture All	
(themeti/1			

CLI FXOS

Siga estas etapas na CLI FXOS para configurar capturas de pacotes em interfaces de backplane:

1. Identificar o tipo de aplicativo e o identificador:

firepowerŧ	‡ scope s	sa					
firepower	/ssa# s	how app-in	stance				
App Name	Identif	ier Slot I	D Admin Stat	te Oper State	Running Versi	on Startup Versi	on
Deploy Typ	pe Turbo	Mode Profi	le Name Cluster	r State Cluste	er Role		
ftd	ftd1	1	Enabled	Online	7.2.0.82	7.2.0.82	
Native	No		Not App	plicable None			
2. Cria	r uma se	ssão de ca	aptura:				

firepower	scope packet-capture
firepower	/packet-capture # create session cap1
firepower	<pre>/packet-capture/session* # create phy-port eth1/2</pre>
firepower	<pre>/packet-capture/session/phy-port* # set app-identifier ftd1</pre>
firepower	/packet-capture/session/phy-port* # exit
firepower	<pre>/packet-capture/session* # create app-port 1 link12 Ethernet1/2 ftd</pre>
firepower	<pre>/packet-capture/session/app-port* # set app-identifier ftd1</pre>
firepower	/packet-capture/session* # enable
firepower	/packet-capture/session* # commit
firepower	/packet-capture/session # commit

Verificação

FCM

Verifique o **nome da interface**, certifique-se de que o **status operacional** esteja ativo e que o **tamanho do arquivo (em bytes)** aumente:

Overv	view Interfaces L	ogical Devices Security Engine Platfor	m Settings				System Tools Help admin
Captu	re Session Filter List						
							Capture Session Del
	Cap1	Drop Count: 0	Operational State: up	Buffer Size: 256 MB		Snap Length: 1518 Bytes	
Inter	face Name	Filter	File Size (in bytes)	File Name	Device Name		
Ether	net1/2	None	95040	cap1-ethernet-1-2-0.pcap	ftd1	*	
Ether	net1/2 - Ethernet1/10	None	368	cap1-vethernet-1175.pcap	ftd1	4	
Ether	net1/2 - Ethernet1/9	None	13040	cap1-vethernet-1036.pcap	ftd1	⊻	

CLI FXOS

Verifique os detalhes da captura em scope packet-capture:

```
firepower# scope packet-capture
firepower /packet-capture # show session cap1
Traffic Monitoring Session:
    Packet Capture Session Name: cap1
    Session: 1
    Admin State: Enabled
    Oper State: Up
    Oper State Reason: Active
    Config Success: Yes
    Config Fail Reason:
    Append Flag: Overwrite
    Session Mem Usage: 256 MB
    Session Pcap Snap Len: 1518 Bytes
    Error Code: 0
    Drop Count: 0
```

```
Physical ports involved in Packet Capture:
   Slot Id: 1
   Port Id: 2
   Pcapfile: /workspace/packet-capture/session-1/cap1-ethernet-1-2-0.pcap
   Pcapsize: 410444 bytes
  Filter:
   Sub Interface: 0
   Application Instance Identifier: ftd1
   Application Name: ftd
Application ports involved in Packet Capture:
  Slot Id: 1
   Link Name: link12
   Port Name: Ethernet1/2
   App Name: ftd
  Sub Interface: 0
   Application Instance Identifier: ftd1
Application ports resolved to:
  Name: vnic1
  Eq Slot Id: 1
   Eq Port Id: 9
   Pcapfile: /workspace/packet-capture/session-1/cap1-vethernet-1036.pcap
   Pcapsize: 128400 bytes
   Vlan: 102
  Filter:
  Name: vnic2
  Eq Slot Id: 1
   Eq Port Id: 10
   Pcapfile: /workspace/packet-capture/session-1/cap1-vethernet-1175.pcap
   Pcapsize: 2656 bytes
   Vlan: 102
   Filter:
Coletar arquivos de captura
```

Siga as etapas na seção Coletar arquivos de captura do switch interno Firepower 4100/9300.

Capturar análise de arquivo

Use um aplicativo leitor de arquivo de captura de pacote para abrir os arquivos de captura. No caso de várias interfaces de backplane, certifique-se de abrir todos os arquivos de captura para cada interface de backplane. Nesse caso, os pacotes são capturados na interface Ethernet1/9 do painel traseiro.

Abra o arquivo de captura para a interface Ethernet1/2, selecione o primeiro pacote e verifique os pontos principais:

- 1. Somente os pacotes ICMP de solicitação de eco são capturados. Cada pacote é capturado e mostrado 2 vezes.
- 2. O cabeçalho do pacote original está sem a marca VLAN.
- 3. O switch interno insere a tag de VLAN de porta adicional **102** que identifica a interface de entrada Ethernet1/2.
- 4. O switch interno insere uma marca VN adicional.

No. Time	Source	Destination	Protocol	Length	PD	IP TTL Info				
1 2022-08-01 11:33:19.070693081	192.0.2.100	198.51.100.100	ICMP	108 1	0xc009 (4916	 64 Echo 	(ping)	request	id=0x0013, seq=1/256, ttl=64 (no response found!)	
2 2022-08-01 11:33:19.070695347	192.0.2.100	198.51.100.100	ICMP	102	0xc009 (4916	 64 Echo 	(ping)	request	id=0x0013, seq=1/256, ttl=64 (no response found!)	
3 2022-08-01 11:33:19.071217121	192.0.2.100	198.51.100.100	ICMP	102	8XC889 (4916	.) 64 ECNC	(ping)	request	id=0x0013, seq=1/256, ttl=64 (no response found!)	
4 2022-08-01 11:33:19.071218458	192.0.2.100	198.51.100.100	ICMP	102	0xc009 (4916) 64 Echo	(ping)	request	id=0x0013, seq=1/256, ttl=64 (no response found!)	
5 2022-08-01 11:33:20.072036625	192.0.2.100	198.51.100.100	ICMP	108	0xc0ae (4932	64 Echo	(ping)	request	id=0x0013, seq=2/512, ttl=64 (no response found!)	
6 2022-08-01 11:33:20.072038399	192.0.2.100	198.51.100.100	ICMP	102	0xc0ae (4932	64 Echo	(ping)	request	id=0x0013, seq=2/512, ttl=64 (no response found!)	
7 2022-08-01 11:33:21.073266030	192.0.2.100	198.51.100.100	ICMP	108	0xc167 (4951) 64 Echo	(ping)	request	id=0x0013, seq=3/768, ttl=64 (no response found!)	
8 2022-08-01 11:33:21.073268327	192.0.2.100	198.51.100.100	ICMP	102	0xc167 (4951) 64 Echo	(ping)	request	id=0x0013, seq=3/768, ttl=64 (no response found!)	
9 2022-08-01 11:33:22.074576640	192.0.2.100	198.51.100.100	ICMP	108	0xc175 (4952	64 Echo	(ping)	request	id=0x0013, seg=4/1024, ttl=64 (no response found!)	
10 2022-08-01 11:33:22.074578010	192.0.2.100	198.51.100.100	ICMP	102	0xc175 (4952	64 Echo	(ping)	request	id=0x0013, seg=4/1024, ttl=64 (no response found!)	
11 2022-08-01 11:33:23.075779089	192.0.2.100	198.51.100.100	ICMP	108	0xc208 (4967	64 Echo	(ping)	request	id=0x0013, seg=5/1280, ttl=64 (no response found1)	
12 2022-08-01 11:33:23.075781513	192.0.2.100	198.51.100.100	ICMP	102	0xc208 (4967) 64 Echo	(ping)	request	id=0x0013, seg=5/1280, ttl=64 (no response found!)	
13 2022-08-01 11:33:24.081839490	192.0.2.100	198.51.100.100	ICMP	108	0xc211 (4968) 64 Echo	(ping)	request	id=0x0013, seq=6/1536, ttl=64 (no response found))	
14 2022-08-01 11:33:24.081841386	192.0.2.100	198,51,100,100	ICMP	102	0xc211 (4968) 64 Echo	(ping)	request	id=0x0013, seq=6/1536, ttl=64 (no response found1)	
15 2022-08-01 11:33:25,105806249	192.0.2.100	198,51,100,100	ICMP	108	0xc2e2 (4989	64 Echo	(ping)	request	id=0x0013, seq=7/1792, ttl=64 (no response found))	
16 2022-08-01 11:33:25,105807895	192.0.2.100	198,51,100,100	ICMP	102	0xc2e2 (4989) 64 Echo	(ping)	request	id=0x0013, seq=7/1792, ttl=64 (no response found!)	
17 2022-08-01 11:33:26.129836278	192.0.2.100	198,51,100,100	ICMP	108	0xc3b4 (5010	64 Echo	(ping)	request	id=0x0013, seq=8/2048, ttl=64 (no response found))	
18 2022-08-01 11:33:26,129838114	192.0.2.100	198,51,100,100	ICMP	102	0xc3b4 (5010) 64 Echo	(ping)	request	id=0x0013, seg=8/2048, ttl=64 (no response found!)	
19 2022-08-01 11:33:27,153828653	192.0.2.100	198,51,100,100	ICMP	108	0xc476 (5029	() 64 Echo	(ping)	request	id=0x0013, seg=9/2304, ttl=64 (no response found!)	
20 2022-08-01 11:33:27.153830201	192.0.2.100	198,51,100,100	TCMP	102	0xc476 (5029	() 64 Echo	(ning)	request	id=0x0013, seq=9/2304, ttl=64 (no response found))	
21 2022-08-01 11:33:28.177847175	192.0.2.100	198,51,100,100	ICMP	108	0xc516 (5045	() 64 Echo	(ping)	request	id=0x0013, seg=10/2560, ttl=64 (no response found!)	
22 2022-08-01 11:33:28.177849075	192.0.2.100	198,51,100,100	ICMP	102	0xc516 (5045	() 64 Echo	(ping)	request	id=0x0013, seq=10/2560, ttl=64 (no response found!)	
23 2022-08-01 11:33:29,201804760	192.0.2.100	198,51,100,100	ICMP	108	8xc578 (5855	64 Echo	(ping)	request	id=0x0013, seg=11/2816, ttl=64 (no response found!)	
24 2022-08-01 11:33:29,201806488	192.0.2.100	198,51,100,100	ICMP	102	0xc578 (5055	64 Echo	(ping)	request	id=0x0013, seg=11/2816, ttl=64 (no response found!)	
25 2022-08-01 11:33:30.225834765	192.0.2.100	198.51.100.100	TCMP	108	8xc585 (5856	64 Echo	(ning)	request	id=8x0013, seg=12/3072, ttl=64 (no response found))	
26 2022-08-01 11:33:30 225836835	192.0.2.100	198.51.100.100	TCMP	102	8xc585 (5856	 64 Echo 	(ning)	request	id=8y8013_seq=12/3072_ttl=64 (no response found1)	
27 2022-08-01 11:33:31.249828955	192.0.2.100	198.51.100.100	ICMP	108	0xc618 (5071	 64 Echo 	(ping)	request	id=0x0013, seq=13/3328, ttl=64 (no response found1)	
28 2022-08-01 11:33:31 240831121	192.0.2.100	198.51.100.100	TCMP	102	8xc618 (5871	64 Echo	(ning)	request	id=8y8013, seq=13/3328, ttl=64 (no response found1)	
29 2022-08-01 11:33:32,273867960	192.0.2.100	198,51,100,100	ICMP	108	0xc64f (5076	64 Echo	(ping)	request	id=0x0013, seq=14/3584, ttl=64 (no response found1)	
<				200		/	(12.0)	request	to onotably bed address (in response round)	
> Forme 1: 100 butes on wine (064 bi	to) too button on	stund (064 bits) a	n intenfece co	atura un	1. 14.0				50 50 07 bd b0 77 00 00 50 56 0d 00 b0 00 26 00 00 V	-
S Frame 1: 108 Dytes on wire (864 D)	(00)E0/E6/Odie0.k	ptured (864 bits) o	in incertace ca	pture_ue_	1, 10 0			000	10 00 00 21 00 00 56 02 00 45 00 00 54 (0 00 40 00	
VELICITY STC: VEWARE SUICESIDE	[00:30:30:90:00.00	e), bst. cisco ban	7.00 (38.97.00	109177100	:)			002	20 40 01 8d a3 c0 00 02 64 c6 33 64 64 08 00 8d 7c @d.3dd	
v vn-rag	- Direct	lass From Boldas						003	30 00 13 00 01 f2 b9 e7 62 00 00 00 cb 7f 06 00b	
1	- Deinter	ion: From Bridge						004	10 00 00 00 00 10 11 12 13 14 15 16 17 18 19 1a 1b	
		-: VIT_10						005	50 1c 1d 1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b ···· !"# \$%&'()*+	
	- Leared	acton: 10	4					006	50 2c 2d 2e 2f 30 31 32 33 34 35 36 37 ,/0123 4567	
		: NO	4							
0	- Version	ed: 0								
	= Versio	n: 0								
Turner 000 40 Winters 148 (0000 0	000 0000 = Source	: 0								
Type: 802.10 VIrtual LAN (0X810	0) TD: 103		_							
and - Dejosity	Part Effort (dof	w1+) (0)								
- PFI: Incl	igible	aur() (0)								
0000 0110 0110 - TO: 100	rerore.									
Tupo: TPu4 (0x0900)										
Tetenat Destacel Vension A Encu	103 0 3 100 Deta	109 51 100 100	_							
Internet Control Massage Protocol	19210.2.100, DSt:	190,91,100,100								
Anternet control nessage Protocol			-							
										_

Selecione o segundo pacote e verifique os pontos principais:

- 1. Somente os pacotes ICMP de solicitação de eco são capturados. Cada pacote é capturado e mostrado 2 vezes.
- 2. O cabeçalho do pacote original está sem a marca VLAN.
- 3. O switch interno insere a tag de VLAN de porta adicional **102** que identifica a interface de entrada Ethernet1/2.

No.	Time	Source	Destination	Protocol	Length	PD	IP TTL Info		
F	1 2022-08-01 11:33:19.070693081	192.0.2.100	198.51.100.100	ICMP	108 1	0xc009 (49161)	64 Echo (ping) requ	est i	d=0x0013, seq=1/256, ttl=64 (no response found!)
	2 2022-08-01 11:33:19.070695347	192.0.2.100	198.51.100.100	ICMP	102	0xc009 (49161)	64 Echo (ping) requ	est i	d=0x0013, seq=1/256, ttl=64 (no response found!)
	3 2022-08-01 11:33:19.071217121	192.0.2.100	198.51.100.100	ICMP	102	0xc009 (49161)	64 Echo (ping) requ	est i	d=0x0013, seq=1/256, ttl=64 (no response found!)
	4 2022-08-01 11:33:19.071218458	192.0.2.100	198.51.100.100	ICMP	102	0xc009 (49161)	64 Echo (ping) requ	est i	d=0x0013, seq=1/256, ttl=64 (no response found!)
	5 2022-08-01 11:33:20.072036625	192.0.2.100	198.51.100.100	ICMP	108	0xc0ae (49326)	64 Echo (ping) requ	est i	d=0x0013, seq=2/512, ttl=64 (no response found!)
	6 2022-08-01 11:33:20.072038399	192.0.2.100	198.51.100.100	ICMP	102	0xc0ae (49326)	64 Echo (ping) requ	est i	d=0x0013, seq=2/512, ttl=64 (no response found!)
	7 2022-08-01 11:33:21.073266030	192.0.2.100	198.51.100.100	ICMP	108	0xc167 (49511)	64 Echo (ping) requ	est i	d=0x0013, seq=3/768, ttl=64 (no response found!)
	8 2022-08-01 11:33:21.073268327	192.0.2.100	198.51.100.100	ICMP	102	0xc167 (49511)	64 Echo (ping) requ	est i	d=0x0013, seq=3/768, ttl=64 (no response found!)
	9 2022-08-01 11:33:22.074576640	192.0.2.100	198.51.100.100	ICMP	108	0xc175 (49525)	64 Echo (ping) requ	est i	d=0x0013, seq=4/1024, ttl=64 (no response found!)
	10 2022-08-01 11:33:22.074578010	192.0.2.100	198.51.100.100	ICMP	102	0xc175 (49525)	64 Echo (ping) requ	est i	d=0x0013, seq=4/1024, ttl=64 (no response found!)
	11 2022-08-01 11:33:23.075779089	192.0.2.100	198.51.100.100	ICMP	108	0xc208 (49672)	64 Echo (ping) requ	est i	d=0x0013, seq=5/1280, ttl=64 (no response found!)
	12 2022-08-01 11:33:23.075781513	192.0.2.100	198.51.100.100	ICMP	102	0xc208 (49672)	64 Echo (ping) requ	est i	d=0x0013, seq=5/1280, ttl=64 (no response found!)
	13 2022-08-01 11:33:24.081839490	192.0.2.100	198.51.100.100	ICMP	108	Øxc211 (49681)	64 Echo (ping) requ	est i	d=0x0013, seq=6/1536, ttl=64 (no response found!)
	14 2022-08-01 11:33:24.081841386	192.0.2.100	198.51.100.100	ICMP	102	Øxc211 (49681)	64 Echo (ping) requ	est i	d=0x0013, seq=6/1536, ttl=64 (no response found!)
	15 2022-08-01 11:33:25.105806249	192.0.2.100	198.51.100.100	ICMP	108	0xc2e2 (49890)	64 Echo (ping) requ	est i	d=0x0013, seq=7/1792, ttl=64 (no response found!)
	16 2022-08-01 11:33:25.105807895	192.0.2.100	198.51.100.100	ICMP	102	0xc2e2 (49890)	64 Echo (ping) requ	est i	d=0x0013, seq=7/1792, ttl=64 (no response found!)
	17 2022-08-01 11:33:26.129836278	192.0.2.100	198.51.100.100	ICMP	108	0xc3b4 (50100)	64 Echo (ping) requ	est i	d=0x0013, seq=8/2048, ttl=64 (no response found!)
	18 2022-08-01 11:33:26.129838114	192.0.2.100	198.51.100.100	ICMP	102	0xc3b4 (50100)	64 Echo (ping) requ	est i	d=0x0013, seq=8/2048, ttl=64 (no response found!)
	19 2022-08-01 11:33:27.153828653	192.0.2.100	198.51.100.100	ICMP	108	0xc476 (50294)	64 Echo (ping) requ	est i	d=0x0013, seq=9/2304, ttl=64 (no response found!)
	20 2022-08-01 11:33:27.153830201	192.0.2.100	198.51.100.100	ICMP	102	0xc476 (50294)	64 Echo (ping) requ	est i	d=0x0013, seq=9/2304, ttl=64 (no response found!)
	21 2022-08-01 11:33:28.177847175	192.0.2.100	198.51.100.100	ICMP	108	0xc516 (50454)	64 Echo (ping) requ	est i	d=0x0013, seq=10/2560, ttl=64 (no response found!)
	22 2022-08-01 11:33:28.177849075	192.0.2.100	198.51.100.100	ICMP	102	0xc516 (50454)	64 Echo (ping) requ	est i	d=0x0013, seq=10/2560, ttl=64 (no response found!)
	23 2022-08-01 11:33:29.201804760	192.0.2.100	198.51.100.100	ICMP	108	0xc578 (50552)	64 Echo (ping) requ	est i	d=0x0013, seq=11/2816, ttl=64 (no response found!)
	24 2022-08-01 11:33:29.201806488	192.0.2.100	198.51.100.100	ICMP	102	0xc578 (50552)	64 Echo (ping) requ	est i	d=0x0013, seq=11/2816, ttl=64 (no response found!)
	25 2022-08-01 11:33:30.225834765	192.0.2.100	198.51.100.100	ICMP	108	0xc585 (50565)	64 Echo (ping) requ	est i	d=0x0013, seq=12/3072, ttl=64 (no response found!)
	26 2022-08-01 11:33:30.225836835	192.0.2.100	198.51.100.100	ICMP	102	0xc585 (50565)	64 Echo (ping) requ	est i	d=0x0013, seq=12/3072, ttl=64 (no response found!)
	27 2022-08-01 11:33:31.249828955	192.0.2.100	198.51.100.100	ICMP	108	0xc618 (50712)	64 Echo (ping) requ	est i	d=0x0013, seq=13/3328, ttl=64 (no response found!)
	28 2022-08-01 11:33:31.249831121	192.0.2.100	198.51.100.100	ICMP	102	0xc618 (50712)	64 Echo (ping) requ	est i	d=0x0013, seq=13/3328, ttl=64 (no response found!)
н.	29 2022-08-01 11:33:32.273867960	192.0.2.100	198.51.100.100	ICMP	108	0xc64f (50767)	64 Echo (ping) requ	est i	d=0x0013, seq=14/3584, ttl=64 (no response found!)
<									
>	Frame 2: 102 bytes on wire (816 bit	(s), 102 bytes ca	ptured (816 bits) or	interface ca	pture_u0_	1, id 0		0000	58 97 bd b9 77 0e 00 50 56 9d e8 be 81 00 00 66 X ··· w ·· P V ··· ·· f
>	Ethernet II, Src: VMware 9d:e8:be (00:50:56:9d:e8:b	e), Dst: Cisco b9:77	1:0e (58:97:bo	1:b9:77:00	e)		0010	08 00 45 00 00 54 c0 09 40 00 40 01 8d a3 c0 00 ··E··T··@·@····
М	802.1Q Virtual LAN, PRI: 0, DEI: 0,	ID: 102						0020	02 64 c6 33 64 64 08 00 8d 7c 00 13 00 01 f2 b9 ·d·3dd···
	000 = Priority:	Best Effort (defa	ult) (0) 🗧					0030	e7 62 00 00 00 00 c0 7f 06 00 00 00 00 00 10 11
	0 = DEI: Ineli	gible	5					0040	22 23 24 25 26 27 28 29 29 29 26 26 26 26 26 27 20 21
1	0000 0110 0110 = ID: 102							0050	32 33 34 35 36 37
	Type: IPv4 (0x0800)								
>	Internet Protocol Version 4, Src: 1	192.0.2.100, Dst:	198.51.100.100						
Þ	Internet Control Message Protocol		4						
۰.									

Abra o arquivo de captura para a interface Ethernet1/9, selecione o primeiro e o segundo pacotes e verifique os pontos principais:

- 1. Cada resposta de eco ICMP é capturada e exibida duas vezes.
- 2. O cabeçalho do pacote original está sem a marca VLAN.
- 3. O switch interno insere a tag de VLAN de porta adicional 102 que identifica a interface de

saída Ethernet1/2.

4. O switch interno insere uma marca VN adicional.

No. Time	Source	Destination	Protocol	Length	PD	IP TTL Info	
1 2022-08-01 11:33:19.071512698	198,51,100,100	192.0.2.100	TCMP	108	0x4f27 (20263)	64 Echo (ping) reply	id=0x0013, seg=1/256, tt]=64
2 2022-08-01 11:33:19.071514882	198,51,100,100	192.0.2.100	ICMP	108	0x4f27 (20263)	64 Echo (ping) reply	id=0x0013, seg=1/256, ttl=64
3 2022-08-01 11:33:20.072677302	198,51,100,100	192.0.2.100	ICMP	108	084110 (20475)	04 ECHO (DING) LEDIA	id=0x0013, seg=2/512, ttl=64
4 2022-08-01 11:33:20.072679384	198.51.100.100	192.0.2.100	ICMP	108	0x4ffb (20475)	64 Echo (ping) reply	id=0x0013, seq=2/512, ttl=64
5 2022-08-01 11:33:21.073913640	198.51.100.100	192.0.2.100	ICMP	108	0x50ac (20652)	64 Echo (ping) reply	id=0x0013, seq=3/768, ttl=64
6 2022-08-01 11:33:21.073915690	198.51.100.100	192.0.2.100	ICMP	108	0x50ac (20652)	64 Echo (ping) reply	id=0x0013, seq=3/768, ttl=64
7 2022-08-01 11:33:22.075239381	198.51.100.100	192.0.2.100	ICMP	108	0x513e (20798)	64 Echo (ping) reply	id=0x0013, seq=4/1024, ttl=64
8 2022-08-01 11:33:22.075241491	198.51.100.100	192.0.2.100	ICMP	108	0x513e (20798)	64 Echo (ping) reply	id=0x0013, seq=4/1024, ttl=64
9 2022-08-01 11:33:23.076447152	198.51.100.100	192.0.2.100	ICMP	108	0x51c9 (20937)	64 Echo (ping) reply	id=0x0013, seq=5/1280, ttl=64
10 2022-08-01 11:33:23.076449303	198.51.100.100	192.0.2.100	ICMP	108	0x51c9 (20937)	64 Echo (ping) reply	id=0x0013, seq=5/1280, ttl=64
11 2022-08-01 11:33:24.082407896	198.51.100.100	192.0.2.100	ICMP	108	0x528e (21134)	64 Echo (ping) reply	id=0x0013, seq=6/1536, ttl=64
12 2022-08-01 11:33:24.082410099	198.51.100.100	192.0.2.100	ICMP	108	0x528e (21134)	64 Echo (ping) reply	id=0x0013, seq=6/1536, ttl=64
13 2022-08-01 11:33:25.106382424	198.51.100.100	192.0.2.100	ICMP	108	0x52af (21167)	64 Echo (ping) reply	id=0x0013, seq=7/1792, ttl=64
14 2022-08-01 11:33:25.106384549	198.51.100.100	192.0.2.100	ICMP	108	0x52af (21167)	64 Echo (ping) reply	id=0x0013, seq=7/1792, ttl=64
15 2022-08-01 11:33:26.130437851	198.51.100.100	192.0.2.100	ICMP	108	0x53a6 (21414)	64 Echo (ping) reply	1d=0x0013, seq=8/2048, ttl=64
16 2022-08-01 11:33:26.130440320	198.51.100.100	192.0.2.100	ICMP	108	0x53a6 (21414)	64 Echo (ping) reply	id=0x0013, seq=8/2048, ttl=64
17 2022-08-01 11:33:27.154398212	198.51.100.100	192.0.2.100	ICMP	108	0x5446 (21574)	64 Echo (ping) reply	1d=0x0013, seq=9/2304, ttl=64
18 2022-08-01 11:33:27.154400198	198.51.100.100	192.0.2.100	ICMP	108	0x5446 (21574)	64 Echo (ping) reply	1d=0x0013, seq=9/2304, ttl=64
19 2022-08-01 11:33:28.178469866	198.51.100.100	192.0.2.100	ICMP	108	0x5493 (21651)	64 Echo (ping) reply	1d=0x0013, seq=10/2560, tt1=64
20 2022-08-01 11:33:28.178471810	198.51.100.100	192.0.2.100	ICMP	108	0x5493 (21651)	64 Echo (ping) reply	1d=0x0013, seq=10/2560, tt1=64
21 2022-08-01 11:33:29.202395809	198.51.100.100	192.0.2.100	ICMP	108	0x5414 (21748)	64 Echo (ping) reply	1d=0x0013, seq=11/2816, tt1=64
22 2022-08-01 11:33:29.202398067	198.51.100.100	192.0.2.100	TCMP	108	0x5414 (21/48)	64 Echo (ping) Pepty	10=0x0013, seq=11/2816, tt1=64
23 2022-08-01 11:33:30.226398/35	198.51.100.100	192.0.2.100	ICMP	108	0x5526 (21/98)	64 Echo (ping) reply	1d=0x0013, seq=12/30/2, tt1=64
24 2022-08-01 11:33:30.226401017	198.51.100.100	192.0.2.100	TCMP	108	0x5526 (21/98)	64 Echo (ping) Pepty	10=0x0013, seq=12/30/2, tt1=64
25 2022-08-01 11:55:51.25050/808	198.51.100.100	192.0.2.100	TCMP	108	0x5512 (22002)	64 Echo (ping) reply	id-0x0013, seq=13/3320, tt1=04
20 2022-00-01 11:55:51.250509971	198.51.100.100	192.0.2.100	TCMD	100	0x5512 (22002)	64 Echo (ping) reply	id=0x0013, seq=13/3520, ((1=04
28 2022-08-01 11:33:32.274410011	198.51.100.100	192.0.2.100	TCMP	108	0x5660 (22112)	64 Echo (ping) reply	id=0x0013, seq=14/3504, ttl=64
20 2022-00-01 11:33:32.208307657	198.51.100.100	192.0.2.100	TCMP	108	0x56e7 (22247)	64 Echo (ping) reply	id=0x0013, seq=15/3840, ttl=64
<	19019111001100	19210121100	Act.	100	Consider (second)	ou cono (prig) reprij	10-080015, 504-15/5040, 001-04
> Enome 1: 100 butes on wine /064 bits	100 hutos ca	ntuned (064 bits) on intenface	. contuno i	a ida		0000 00 50 56 0d of ha 50 07 hd ha 77 an 90 36 00 00
Ethernat II. Src: Cisco b9:77:00 (59	1.07.hd.h0.77.00) Det: Where 9	diagina (00.50	a-se-od-eg	the)		0010 00 0a 81 00 00 66 08 00 45 00 00 54 4f 27 00 00 ·····f·· E··TO'··
Vieleniec II, sici cisco osinnioe (so	5.97.00.09.77.0e), USC: Wriware S	0.68.06 (00.30	1.30.90.00.	.0e)		0020 40 01 3e 86 c6 33 64 64 c0 00 02 64 00 00 95 7c @->3ddd]
0	- Directi	ion: To Bridge	_				0030 00 13 00 01 f2 b9 e7 62 00 00 00 cb 7f 06 00bb
.0.	= Pointer	r: vif id					0040 00 00 00 00 10 11 12 13 14 15 16 17 18 19 1a 1b
	= Destina	ation: 0					0050 1c 1d 1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b ···· !"# \$%&"()"+
	= Looped:	No					0060 2c 2d 2e 2f 30 31 32 33 34 35 36 37 ,/0123 4567
	Reserve	ed: 0	4				
	= Version	1: 0					
	0 1010 = Source:	10					
Type: 802.10 Virtual LAN (0x8100)							
802.10 Virtual LAN, PRI: 0, DEI: 0,	ID: 102						
000 = Priority: Be	est Effort (defa	ault) (0)					
0 = DEI: Ineligi	ible		21				
0000 0110 0110 = ID: 102			2				
Type: IPv4 (0x0800)							
> Internet Protocol Version 4, Src: 19	8.51.100.100, D	st: 192.0.2.100	-				
> Internet Control Message Protocol			21				
			_				
No. Time	Source	Destination	Protocol	Length	PD	PTTL 110	
No. Time 1 2022-08-01 11:33:19.071512698	Source 198.51.100.100	Destination 192.0.2.100	Protocol	Length 108	PD 0x4f27 (20263)	PTTL Mo 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64
No. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882	Source 198.51.100.100 198.51.100.100	Destination 192.0.2.100 192.0.2.100	Protocol ICMP ICMP	Length 108 108	PD 0x4f27 (20263) 0x4f27 (20263)	PTTL № 64 Echo (ping) reply 64 Echo (ping) reply	id=0x0013, scq=1/256, ttl=64 id=0x0013, scq=1/256, ttl=64
No. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.072677302	Source 198.51.100.100 198.51.100.100 198.51.100.100	Destination 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICMP ICMP ICMP	Length 108 108 108	PD 0x4f27 (20263) 0x4f27 (20263) 0x4f10 (20075)	PTTL M6 64 Echo (ping) reply 64 Echo (ping) reply 08 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64
Ho. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.072677302 4 2022-08-01 11:33:20.072679384 6 2022-08-01 11:33:20.072679384 7 2026-09.01 11:33:20.072679384 7 2026-01 11:35:20.072679384 7 2026-01 11:35:20.07267938 7 2026-01 11:35:20.072679 7 2	Source 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100	Destination 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICMP ICMP ICMP	Length 108 108 108 108	PD 0x4f27 (20263) 0x4f27 (20263) 0x4f70 (20475) 0x4ffb (20475) 0x6f75 (20475)	PTL Wo 64 Echo (ping) reply 64 Echo (ping) reply 64 Echo (ping) reply 64 Echo (ping) reply 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64
No. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.072677302 4 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.073913640 6 2032.08.04 11:33:21.073913640	Source 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100	Destination 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICMP ICMP ICMP ICMP	Length 108 108 108 108 108	PD 0x4f27 (20263) 0x4f27 (20263) 0x4f7 (20263) 0x4ffb (20475) 0x50ac (20652) 0x50ac (20652)	PTTL 166 64 Echo (ping) reply 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/568, ttl=64 id=0x0012, seq=2/568, ttl=64
Inne 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 2 2022-08-01 2 2022-08-01 11:33:10.07267934 2 2022-08-01 4 2022-08-01 11:33:20.07267934 2 2022-08-01 5 2022-08-01 11:33:21.073915409 2 2022-08-01 6 2022-08-01 11:33:21.073915409 2 2022-08-01 7 2033-08.01 11:33:21.073915409 2 2022-08-01	Source 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100	Destination 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICMP ICMP ICMP ICMP ICMP	Length 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f27 (20263) 0x4f27 (20263) 0x4ffb (20475) 0x50ac (20652) 0x50ac (20652) 0x50ac (20652)	PTR 100 64 Echo (ping) reply 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0012, seq=3/768, ttl=64
Ho. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514892 3 2022-08-01 11:33:20.072677302 4 2022-08-01 11:33:21.073913640 5 2022-08-01 11:33:21.073913640 6 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.075239381 9 2032-08-01 11:33:23.075239381	Source 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100	Destination 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICMP ICMP ICMP ICMP ICMP ICMP	Length 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f27 (20263) 0x4ffb (20475) 0x50ac (20652) 0x50ac (20652) 0x513e (20798) 0x513e (20798)	PTL 96 64 Echo (ping) reply 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/568, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/4024, ttl=64 id=0x0013, seq=3/4024, ttl=64
No. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.072677302 4 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:20.072679384 6 2022-08-01 11:33:21.073915690 6 2022-08-01 11:33:22.07529381 8 2022-08-01 11:33:22.07529381 9 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:23.075241491 9 2022-08-01 11:33:20.075241491 9 2022-08-01 11:352005 9 2022-08-01 11:352005 9 2022-08-01 11:352005 9 2022-08-01 11:352005 9 2022-08-01 11:352005 9 202005 9 2020-08-01 11:352005 9 202005 9 202005 9 202005 9 2020	Source 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100	Destination 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICMP ICMP ICMP ICMP ICMP ICMP ICMP	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f27 (20263) 0x4f17 (20475) 0x50ac (20652) 0x50ac (20652) 0x513e (20798) 0x513e (20798)	PTR 100 64 Echo (ping) reply 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=3/761, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=4/1024, ttl=64
 Time Time 1 2022-08-01 11:33:19.071512698 2022-08-01 11:33:19.071514882 2022-08-01 11:33:20.072677302 2022-08-01 11:33:20.07267934 5022-08-01 11:33:21.073915690 2022-08-01 11:33:21.073915690 2022-08-01 11:33:22.075249381 2022-08-01 11:33:22.075249381 2022-08-01 11:33:22.0752494191 2022-08-01 11:33:23.076447152 2022-08-01 11:33:23.076447152 2022-08-01 11:33:23.076447153 	Source 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100	Destination 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICMP ICMP ICMP ICMP ICMP ICMP ICMP ICMP	Length 108 108 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f27 (20263) 0x4f10 (20475) 0x50ac (20652) 0x50ac (20652) 0x51a (20798) 0x51a (20798) 0x51c9 (20937) 0x51c9 (20937)	PTL 36 64 Echo (ping) reply 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/1024, ttl=64 id=0x0013, seq=3/1024, ttl=64 id=0x0013, seq=3/1280, ttl=64
 Time 12022-08-01 11:33:19.071512698 2022-08-01 11:33:19.071514882 2022-08-01 11:33:20.072677302 2022-08-01 11:33:21.073913640 2022-08-01 11:33:21.073915690 2022-08-01 11:33:22.075239381 2022-08-01 11:33:22.075239381 2022-08-01 11:33:23.076449303 2022-08-01 11:33:23.076449303 12022-08-01 11:32:24.08207896 	Source 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100	Destruction 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol I CMP I CMP I CMP I CMP I CMP I CMP I CMP I CMP I CMP I CMP	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f27 (20263) 0x4f10 (20475) 0x56ac (20652) 0x56ac (20652) 0x51ac (20930) 0x51c (20937) 0x51c (20937) 0x51c (21134)	PTR 36 64 Echo (ping) reply 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=5/1020, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64
Ime Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.072679384 4 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.073915649 6 2022-08-01 11:33:21.073915649 7 2022-08-01 11:33:22.075239381 8 2022-08-01 11:33:22.075243931 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.0464479303 11 2022-08-01 11:33:24.062407896 12 2022-08-01 11:33:24.062407896	Source 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100 198.51.100.100	Destination 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICMP ICMP ICMP ICMP ICMP ICMP ICMP ICMP	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f7 (20263) 0x4f7 (20263) 0x4f7 (20475) 0x50ac (20652) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51c9 (20937) 0x51c9 (20937) 0x528c (21134)	PTTL 300 64 Echo (ping) reply 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=3/765, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=5/1280, ttl=64
 Time 12022-08-01 11:33:19.071512698 22022-08-01 11:33:19.071514882 2022-08-01 11:33:20.072679384 52022-08-01 11:33:21.073915460 62022-08-01 11:33:21.073915640 2022-08-01 11:33:21.073915640 2022-08-01 11:33:22.075249381 82022-08-01 11:33:22.075249381 2022-08-01 11:33:22.075249381 2022-08-01 11:33:23.076447152 10:2022-08-01 11:33:24.082407896 12:2022-08-01 11:33:24.082407896 12:2022-08-01 11:33:25.168384241 	Source 198, 51, 100, 100 198, 51, 100, 100	Destination 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICMP ICMP ICMP ICMP ICMP ICMP ICMP ICMP	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f72 (20263) 0x4f7b (20475) 0x50ac (20652) 0x50ac (20652) 0x51ae (20798) 0x51ae (20798) 0x51c9 (20937) 0x51c9 (20937) 0x528e (21134) 0x528e (21167)	PTR. 166 64 Echo (ping) reply 64 Echo (pin	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1586, ttl=64 id=0x0013, seq=5/1580, ttl=64
No. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:19.07257302 4 2022-08-01 11:33:20.07267934 5 2022-08-01 11:33:21.073915469 6 2022-08-01 11:33:21.073915640 7 2022-08-01 11:33:22.075239381 8 2022-08-01 11:33:23.07644936 1 2022-08-01 11:33:23.07644936 1 2022-08-01 11:33:24.082470896 1 2022-08-01 11:33:24.082410999 1 2022-08-01 11:33:25.08582444 1 2022-08-01 11:33:25.0858444 1 2022-08-01 11:33:25.0858444	Source 198, 51, 100, 100 198, 51, 100, 100	Destination 1927.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICMP ICMP ICMP ICMP ICMP ICMP ICMP ICMP	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f27 (20263) 0x4f7 (20475) 0x50ac (20652) 0x50ac (20652) 0x51ac (20937) 0x51c9 (20937) 0x51c9 (20937) 0x51c9 (20937) 0x52ac (21134) 0x52af (21167)	PTR 36 64 Echo (ping) reply 64 Echo (ping) reply 65 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping)	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1792, ttl=64
Inne Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.072677302 4 2022-08-01 11:33:20.07267934 5 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.075249381 8 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 11 2022-08-01 11:33:25.106384249 12 2022-08-01 11:33:25.106384244 14 2022-08-01 11:33:25.106384244 14 2022-08-01 11:33:25.106384244 14 2022-08-01 11:33:25.106384243	Searce 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100	Destination 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICMP ICMP ICMP ICMP ICMP ICMP ICMP ICMP	Length 108 108 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f72 (20263) 0x4f7b (20475) 0x59ac (20652) 0x59ac (20652) 0x51a (20798) 0x51a (20798) 0x52a (21144) 0x52a (21144)	P TL b6 64 Echo (ping) reply 64 Echo (ping) reply 65 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/1024, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/156, ttl=64 id=0x0013, seq=5/156, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=7/1792, ttl=64 id=0x0013, seq=7/1792, ttl=64 id=0x0013, seq=7/1792, ttl=64
No. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:19.071514882 4 2022-08-01 11:33:20.072677302 4 2022-08-01 11:33:21.073915409 6 2022-08-01 11:33:21.073915609 7 2022-08-01 11:33:22.075239381 8 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:24.082400996 12 2022-08-01 11:33:25.106384241 12 2022-08-01 11:33:25.106384249 13 2022-08-01 11:33:25.106384249 14 2022-08-01 11:33:25.106384249 15 2022-08-01 11:33:25.106384249 16 2022-08-01 11:33:26.13444920	Source 198, 51, 100, 100 198, 51, 100, 100	Destrution 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICNP ICNP ICNP ICNP ICNP ICNP ICNP ICNP	Length 108 108 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f27 (20263) 0x4f10 (20475) 0x50ac (20652) 0x50ac (20652) 0x51ac (20798) 0x51ac (20798) 0x51c9 (20937) 0x52ac (21134) 0x52ac (21134) 0x52ac (21167) 0x53a6 (21414)	PTR. 36 64 Echo (ping) reply 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=7/1792, ttl=64 id=0x0013, seq=7/1792, ttl=64 id=0x0013, seq=7/1792, ttl=64 id=0x0013, seq=7/1792, ttl=64 id=0x0013, seq=7/1792, ttl=64
Ime Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 2 2022-08-01 11:33:20.07267934 4 2022-08-01 11:33:20.07267934 5 2022-08-01 11:33:20.07267934 6 2022-08-01 11:33:21.073915640 6 2022-08-01 11:33:22.075239381 8 2022-08-01 11:33:22.075243931 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 12 2022-08-01 11:33:24.082407896 12 2022-08-01 11:33:25.16638424 12 2022-08-01 11:33:25.16638424 12 2022-08-01 11:33:25.16638424 12 2022-08-01 11:33:25.16638424 12 2022-08-01 11:33:25.16638424 12 2022-08-01 11:33:25.16638424 12 2022-08-01 11:33:25.16638424 12 2022-08-01 11:33:25.166384248 12 2022-08-01 11:33:26.1304437851 16 2022-08-01 11:33:27.1545984242	Source 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100 198.51,100,100	Destination 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICNP ICNP ICNP ICNP ICNP ICNP ICNP ICNP	Length 108 108 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f27 (20263) 0x4f7 (20475) 0x50ac (20652) 0x50ac (20652) 0x51ac (20937) 0x51c9 (20937) 0x51c9 (20937) 0x51c9 (20937) 0x52af (21167) 0x52af (21167) 0x53a6 (21414) 0x53a6 (21414)	PTR 106 64 Echo (ping) reply 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping) reply 68 Echo (ping	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/1024, ttl=64 id=0x0013, seq=3/1024, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/2048, ttl=64 id=0x0013, seq=5/2048, ttl=64
Inc. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.073915640 6 2022-08-01 11:33:21.073915640 7 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:25.106384549 11 2022-08-01 11:33:25.16584244 14 2022-08-01 11:33:25.106384549 15 2022-08-01 11:33:26.130437851 16 2022-08-01 11:33:26.130437851 16 2022-08-01 11:33:26.130439821 17 2022-08-01 11:33:26.13043981 16 2022-08-01 11:33:26.13043981 16 2022-08-01 11:33:26.13044930 17 2022-08-01 11:33:26.130449320 17 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:27.154409198	Source 198. 51, 100, 100 198. 51, 100, 100	Destrution 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICNP ICNP ICNP ICNP ICNP ICNP ICNP ICNP	Length 108 108 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f70 (20253) 0x4f70 (20475) 0x50ac (20652) 0x50ac (20652) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x52ae (21144) 0x52af (21167) 0x53a6 (21414) 0x53a6 (21414) 0x546 (21574)	PTR. 186 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=4/124, ttl=64 id=0x0013, seq=5/1280, ttl=64
No. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.072677302 4 2022-08-01 11:33:21.073915408 5 2022-08-01 11:33:21.073915609 7 2022-08-01 11:33:22.075239381 8 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:24.082407895 12 2022-08-01 11:33:25.106384549 13 2022-08-01 11:33:25.106384549 14 2022-08-01 11:33:25.106384549 15 2022-08-01 11:33:27.154.082407895 12 2022-08-01 11:33:25.106384549 15 2022-08-01 11:33:27.154.08147820 16 2022-08-01 11:33:27.154.0918212 17 2022-08-01 11:33:27.154.0918212 18 2022-08-01 11:33:27.154.09128 19 2022-08-01 11:33:27.154.09128 19 2022-08-01 11:33:27.154.09128 19 2022-08-01 11:33:27.154.09128 19 2022-08-01 11:33:27.154.09128 19 2022-08-01 11:33:28.178.469866	Source 198. 51, 100, 100 198. 51, 100, 100	Destrution 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100 192.0.2.100	Protocol ICNP ICNP ICNP ICNP ICNP ICNP ICNP ICNP	Length 108 108 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f7 (20263) 0x4f7 (20263) 0x4f7 (20475) 0x50ac (20652) 0x50ac (20652) 0x51ac (20937) 0x51c (20937) 0x51c (20937) 0x52e (21134) 0x52e (21134) 0x52e (21144) 0x52af (21167) 0x53a6 (21414) 0x546 (21574) 0x546 (21574)	PTRL 366 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/168, ttl=64 id=0x0013, seq=3/1024, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=7/1792, ttl=64 id=0x0013, seq=7/2034, ttl=64 id=0x0013, seq=7/2034, ttl=64
Ime Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.072677302 4 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.075249381 8 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:25.10638424 14 2022-08-01 11:33:25.106384244 14 2022-08-01 11:33:25.106384244 14 2022-08-01 11:33:25.106384244 12 2022-08-01 11:33:25.106384244 12 2022-08-01 11:33:25.106384244 12 2022-08-01 11:33:25.106384244 12 2022-08-01 11:33:25.106384244 12 2022-08-01 11:33:27.154398212 12 2022-08-01 11:33:28.1784049383 16 2022-08-01 11:33:28.1784049382 12 2022-08-01 11:33:28.178409866 12 2022-08-01 11:33:28.178409866 12 2022-08-01 11:33:28.1784098666	Searce 198.51,100,100 198.51	Destination 192.0.2.100	Protocol IC(NP) IC(NP) IC(NP	Length 108 108 108 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f72 (20263) 0x4f7b (20475) 0x50ac (20652) 0x50ac (20652) 0x51ac (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x52a (21144) 0x52af (21167) 0x53a6 (21414) 0x53a6 (21544) 0x5464 (21574) 0x549 (21651)	PTL 100 64 Echo (ping) reply 64 Echo (ping) reply<	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/268, ttl=64 id=0x0013, seq=5/268, ttl=64 id=0x0013, seq=7/356, ttl=64 id=0x0013, seq=7/356, ttl=64 id=0x0013, seq=7/356, ttl=64
 Time Time 	Source 198. 51. 100. 100 198.	Destrution 192.0.2.100	Protocol ICNP ICNP ICNP ICNP ICNP ICNP ICNP ICNP	Length 108 108 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f12 (20263) 0x4f10 (20475) 0x50ac (20652) 0x51a (20652) 0x51a (20652) 0x51a (20693) 0x51a (20998) 0x51a (20998) 0x51a (20998) 0x52a (21134) 0x52a (21167) 0x53a (21414) 0x53a (21414) 0x546 (21574) 0x549 (21651) 0x54f (21651)	PTR. 36 64 Echo (ping) reply 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping) reply 67 Echo (ping) reply 68 Echo (ping	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=5/1206, ttl=64 id=0x0013, seq=5/1206, ttl=64 id=0x0013, seq=5/1206, ttl=64 id=0x0013, seq=5/1206, ttl=64 id=0x0013, seq=7/1792, ttl=64 id=0x0013,
Ime Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 2 2022-08-01 11:33:20.07267934 5 2022-08-01 11:33:20.07267934 5 2022-08-01 11:33:20.07267934 5 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.075243381 8 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:24.082407896 12 2022-08-01 11:33:25.106384244 14 2022-08-01 11:33:25.10384549 15 2022-08-01 11:33:26.134437851 16 2022-08-01 11:33:27.154498212 18 2022-08-01 11:33:27.15498212 18 2022-08-01 11:33:27.154498121 18 2022-08-01 11:33:27.154498121 18 2022-08-01 11:33:28.178400198 19 2022-08-01 11:33:27.154498121 18 2022-08-01 11:33:28.178408198 10 2022-08-01 11:33:28.178408166 2022-08-01 11:33:28.178408166 2022-08-01 11:33:28.178408166 202	Serve 198. 51, 100, 100 198. 5	Destination 192.0.2.100 192.0	Protocol I.CMP	Length 108 108 108 108 108 108 108 108 108 108	PD 0x4727 (20263) 0x4727 (20263) 0x47170 (20875) 0x50% (20652) 0x50% (20652) 0x50% (20652) 0x51% (20798) 0x51% (20798) 0x51% (20798) 0x51% (20798) 0x52% (21134) 0x52% (21134) 0x52% (21134) 0x52% (21144) 0x53% (21414) 0x53% (21414) 0x53% (21414) 0x53% (21414) 0x54% (21748) 0x54% (21748)	PTR 36 64 Echo (ping) reply 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping) reply 68 Echo (ping) reply 68 Echo (ping) reply 69 Echo (ping) reply 60 Echo (ping)	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/168, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/2080, ttl=64 id=0x0013, seq=5/2080, ttl=64 id=0x0013, seq=5/2080, ttl=64 id=0x0013, seq=5/2080, ttl=64 id=0x0013, seq=5/2080, ttl=64 id=0x0013, seq=5/2080, ttl=64 id=0x0013, seq=12/260, ttl=64 id=0x0013, se
 Time Time 1 2022-08-01 11:33:19.071512698 2022-08-01 11:33:19.071512698 2022-08-01 11:33:19.071514882 2022-08-01 11:33:20.072679364 5022-08-01 11:33:20.072679384 5022-08-01 11:33:21.073915600 2022-08-01 11:33:21.073915600 2022-08-01 11:33:22.075241491 2022-08-01 11:33:22.075241491 2022-08-01 11:33:22.075241491 2022-08-01 11:33:23.076447152 2022-08-01 11:33:25.106384549 2022-08-01 11:33:25.106384544 2022-08-01 11:33:26.134047851 2022-08-01 11:33:26.134047851 2022-08-01 11:33:27.154308212 2022-08-01 11:33:27.15440918 2022-08-01 11:33:27.15440918 2022-08-01 11:33:27.154409198 2022-08-01 11:33:27.15440918 2022-08-01 11:33:27.154409198 2022-08-01 11:33:27.202295869 2022-08-01 11:33:29.202395869 20222-08-01 11:33:29.202395869	Server 198. 51, 100, 100 198.	Destination 192.0.2.100 192.0	Protocol ICNP ICNP ICNP ICNP ICNP ICNP ICNP ICNP	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f72 (20263) 0x4f7b (20475) 0x50ac (20652) 0x50ac (20652) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x52ae (21134) 0x52ae (21134) 0x52ae (21134) 0x52ae (21167) 0x52ae (21144) 0x54ae (21574) 0x54ae (21574) 0x54ae (21574) 0x54ae (21651) 0x54ae (21651) 0x54ae (21674) 0x54ae (21748) 0x55ae (21	PTR. 166 64 Echo (ping) reply 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping) reply 68 Echo (ping) reply 68 Echo (ping) reply 69 Echo (ping) reply 60 Echo (pin	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/268, ttl=64 id=0x0013, seq=12/2806, ttl=64 id=0x0013, seq=12/2807, ttl=64 id=0x0013, seq=12/2807, ttl=64
 Time Time	Source 198. 51, 100, 100 198.	Destination 1922.0.2.100 1922.0.2.100 192.0.2.100	Protocol ICMP ICMP ICMP ICMP ICMP ICMP ICMP ICMP	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f70 (20263) 0x4f70 (20475) 0x56ac (20652) 0x50ac (20652) 0x51ac (20937) 0x51ac (20937) 0x51c (20937) 0x51c (20937) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21144) 0x52ac (21414) 0x53a6 (21414) 0x5446 (21574) 0x5446 (21574) 0x5446 (21574) 0x5446 (21574) 0x5446 (21788) 0x5474 (21748) 0x5474 (21748) 0x5576 (21798)	PTRL 346 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/168, ttl=64 id=0x0013, seq=4/1024, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=7/192, ttl=64 id=0x0013, seq=7/192, ttl=64 id=0x0013, seq=7/192, ttl=64 id=0x0013, seq=7/192, ttl=64 id=0x0013, seq=7/192, ttl=64 id=0x0013, seq=10/2560, ttl=64 id=0x0013, seq=10/2560, ttl=64 id=0x0013, seq=10/2560, ttl=64 id=0x0013, seq=10/2560, ttl=64 id=0x0013, seq=10/2560, ttl=64 id=0x0013, seq=11/2816, ttl=64 id=0x0013, seq=11/2816, ttl=64 id=0x0013, seq=11/2816, ttl=64 id=0x0013, seq=11/2817, ttl=64 id=0x0013, seq=11/2817, ttl=64
Inc. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.072677302 4 2022-08-01 11:33:20.07267934 5 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:25.106584244 14 2022-08-01 11:33:25.106584244 14 2022-08-01 11:33:25.106584244 14 2022-08-01 11:33:25.106584244 16 2022-08-01 11:33:25.106584244 17 2022-08-01 11:33:25.106584244 18 2022-08-01 11:33:25.106584244 19 2022-08-01 11:33:25.106584244 10 2022-08-01 11:33:25.105884244 12 2022-08-01 11:33:25.105884244 12 2022-08-01 11:33:26.134044930 12 2022-08-01 11:33:27.154490198 12 2022-08-01 11:33:28.178471810 20 202-08-01 11:33:28.178471810	Searce 198, 51, 100, 100 198, 51, 100, 100	Destination 192.0.2.100	Protocol I.CMP	Length 108	PD 0x4f27 (20263) 0x4f70 (20253) 0x4f70 (20475) 0x50ac (20652) 0x50ac (20652) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x52ac (21134) 0x52ac (21167) 0x52ac (21167) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x5446 (21574) 0x5446 (21574) 0x5452 (21651) 0x5454 (21788) 0x5576 (21798) 0x5576 (21798)	PTR. 186 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/280, ttl=64 id=0x0013, seq=5/280, ttl=64 id=0x0013, seq=5/280, ttl=64 id=0x0013, seq=5/280, ttl=64 id=0x0013, seq=15/280, ttl=64 id=0x0013, seq=15
Ime 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 2 2022-08-01 11:33:20.072677302 4 2022-08-01 11:33:20.072679364 5 2022-08-01 11:33:21.07931636 6 2022-08-01 11:33:21.07931636 7 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:24.082407896 12 2022-08-01 11:33:25.106384249 14 2022-08-01 11:33:25.106384249 15 2022-08-01 11:33:25.106384249 16 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:27.154398612 18 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:28.178408166 20 2022-08-01 11:33:29.20239869 20 2022-08-01 11:33:29.20239869 20 2022-08-01 11:33:29.20239869 20 2022-08-01 11:33:2	Source 198. 51, 100, 100 198.	Destination 1922.0.2.100 1922.0.2.100 192.0.2.100	Protocol ICNP ICNP ICNP ICNP ICNP ICNP ICNP ICNP	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f27 (20263) 0x4f10 (20475) 0x50ac (20652) 0x50ac (20652) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21142) 0x53a6 (21414) 0x5446 (21574) 0x5446 (21574) 0x5444 (21574) 0x5444 (21574) 0x5444 (21574) 0x5444 (21748) 0x5452 (21798) 0x5572 (2092) 0x5572 (2092)	PTR 36 64 Echo (ping) reply 64 Echo (ping) reply 65 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping) reply 68 Echo (ping) reply 68 Echo (ping) reply 69 Echo (ping) reply 60 Echo (ping)	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/1028, ttl=64 id=0x0013, seq=5/1208, ttl=64 id=0x0013, seq=5/208, ttl=64 id=0x0013, seq=12/216, ttl=64 id=0x0013, seq=11/216, ttl=64 id=0x0013, seq=11/236, ttl=64 id=0x0013, se
 Time Time 2022-08-01 11:33:19.071512698 2022-08-01 11:33:19.071514882 2022-08-01 11:33:20.072677302 4 2022-08-01 11:33:21.073915690 2022-08-01 11:33:21.073915690 2022-08-01 11:33:21.073915690 2022-08-01 11:33:22.075241491 2022-08-01 11:33:23.076447152 2022-08-01 11:33:23.076447152 2022-08-01 11:33:25.106382424 42022-08-01 11:33:26.130437851 2022-08-01 11:33:26.130437851 2022-08-01 11:33:27.15439612 18 2022-08-01 11:33:27.15439612 18 2022-08-01 11:33:28.1784409198 2022-08-01 11:33:28.1784409199 2022-08-01 11:33:28.1784409190 2022-08-01 11:33:28.178449190 2022-08-01 11:33:28.1784409190 2022-08-01 11:33:29.202395809 2022-08-01 11:33:29.202395809 2022-08-01 11:33:29.202395809 2022-08-01 11:33:29.202395809 2022-08-01 11:33:29.202395809 2022-08-01 11:33:20.20401017 2022-08-01 11:33:20.20401017 2022-08-01 11:33:20.20401017 2022-08-01	Serve 198. 51, 100, 100 198. 5	Destination 1922.0.2.100 1922.0.2.100 192	Protocol I.CAPP	Length 108	PD 0x4f27 (20263) 0x4f70 (20253) 0x4f70 (20475) 0x50ac (20652) 0x50ac (20652) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x52ac (21144) 0x52ac (21167) 0x53ab (21414) 0x53ab (21414) 0x53ab (21414) 0x53ab (2154) 0x5445 (21574) 0x5445 (21574) 0x5445 (21574) 0x5452 (21798) 0x5572 (22082) 0x5572 (22082)	PTH. 186 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/251, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/508, ttl=64 id=0x0013, seq=3/508, ttl=64 id=0x0013, seq=3/168, ttl=64 id=0x0013, seq=5/1200, ttl=64 id=0x0013, seq=12/3560, ttl=64 id=0x0013, seq=12/3560, ttl=64 id=0x0013, seq=12/3560, ttl=64 id=0x0013, seq=12/3560, ttl=64 id=0x0013, seq=12/3560, ttl=64 id=0x0013, seq=12/3570, ttl=64 id=0x0013, seq=12/3720, tt
Ime Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 0022-08-01 11:33:19.071514882 4 2022-08-01 11:33:19.07257384 5 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.073915640 6 2022-08-01 11:33:22.07524381 8 2022-08-01 11:33:22.07524381 9 2022-08-01 11:33:22.07524491 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:25.106384549 12 2022-08-01 11:33:26.13047851 16 2022-08-01 11:33:27.154400198 12 2022-08-01 11:33:27.15440198 12 2022-08-01 11:33:27.15440198 12 2022-08-01 11:33:27.15440198 12 2022-08-01 11:33:27.15440198 19 2022-08-01 11:33:27.15440198 19 2022-08-01 11:33:28.178417811 10 2022-08-01 11:33:28.17840586 20 202-08-01 11:33:29.022595869 20 202-08-01 11:33:31.29308757 20 202-08-01 11:33:31.293087688 20 202-0	Source 198. 51, 100, 100 198.	Destrution 192.0.2.100	Protocol ICNP ICNP ICNP ICNP ICNP ICNP ICNP ICNP	Length 108	PD 0x4f27 (20263) 0x4f72 (20263) 0x4f70 (20475) 0x50ac (20652) 0x50ac (20652) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x52ae (21134) 0x52af (21167) 0x52af (21167) 0x52af (21167) 0x52af (21167) 0x52af (21167) 0x52af (21167) 0x546 (21574) 0x546 (21574) 0x546 (21574) 0x546 (21574) 0x546 (21574) 0x546 (21574) 0x546 (21574) 0x556 (21798) 0x5572 (2002) 0x5566 (22112) 0x5666 (22112)	PTR. 146 64 Echo (ping) reply 64 Echo (ping) reply 65 Echo (pin	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/1026, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=5/2048, ttl=64 id=0x0013, seq=5/2048, ttl=64 id=0x0013, seq=5/2048, ttl=64 id=0x0013, seq=12/3072, ttl=64 id=0x0013, seq=14/3584, ttt
Ime 1 1 2022-08-01 11:33:19.071512682 2 2022-08-01 11:33:19.071514882 2 2022-08-01 11:33:19.071514882 2 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.075243931 8 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:24.082407896 12 2022-08-01 11:33:25.16638424 12 2022-08-01 11:33:25.16638424 12 2022-08-01 11:33:26.134447851 16 2022-08-01 11:33:27.154498122 18 2022-08-01 11:33:28.178440856 20 202-08-01 11:33:28.178440866 20 202-08-01 11:33:29.20299869 12 2022-08-01 11:33:30.205401017 12 2022-08-01 11:33:30.205401017 22	Source 198. 51, 100, 100 198. 51, 100, 100	Destination 1922. 0. 2. 1.00 1922. 0. 2. 100 192. 0. 2. 100	Protocol ICMP ICMP ICMP ICMP ICMP ICMP ICMP ICMP	Longth 108 108 108 108 108 108 108 108	PD 0x4727 (20263) 0x4717 (20875) 0x4717 (20875) 0x4717 (20875) 0x50ac (20552) 0x50ac (20552) 0x50ac (20552) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x52a (21134) 0x52a (21134) 0x52a (21144) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x544 (21748) 0x544 (21748) 0x557 (22002) 0x556 (21198) 0x557 (22002) 0x566 (22112) 0x566 (22112)	PTR 36 64 Echo (ping) reply 64 Echo (ping) reply	$ \begin{array}{llllllllllllllllllllllllllllllllllll$
No. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.07267934 4 2022-08-01 11:33:20.07267934 5 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.075249381 8 2022-08-01 11:33:22.075249381 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:25.106584244 14 2022-08-01 11:33:25.106584244 14 2022-08-01 11:33:25.106584244 14 2022-08-01 11:33:25.106584244 14 2022-08-01 11:33:25.106584244 14 2022-08-01 11:33:25.106584244 16 2022-08-01 11:33:25.106584244 16 2022-08-01 11:33:25.106584244 17 2022-08-01 11:33:25.106584244 18 2022-08-01 11:33:25.106584244 19 2022-08-01 11:33:25.108584244 10 2022-08-01 11:33:25.108584244 12 2022-08-01 11:33:25.108584244 12 2022-08-01 11:33:25.108584244	Server 198. 51, 100, 100 198.	Destnation 192.0.2.100	Protocol ICMP IC	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f70 (20475) 0x4f70 (20475) 0x50ac (20652) 0x50ac (20652) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x52ac (21134) 0x52ac (21167) 0x52ac (21167) 0x52ac (21167) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x5446 (21574) 0x5452 (2161) 0x5452 (21798) 0x5552 (22002) 0x5562 (22122) 0x5660 (22112) 0x5660 (22112) 0x5660 (22112)	PTR. 186 64 Echo (ping) reply 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping) reply 66 Echo (ping) reply 67 Echo (pin	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=3/1280, ttl=64 id=0x0013, seq=3/2380, ttl=64 id=0x0013, seq=3/2380, ttl=64 id=0x0013, seq=3/2380, ttl=64 id=0x0013, seq=3/2380, ttl=64 id=0x0013, seq=3/2380, ttl=64 id=0x0013, seq=13/3328, ttl=
B. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514822 3 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.07931630 6 2022-08-01 11:33:21.07931630 7 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 12 2022-08-01 11:33:24.082407896 12 2022-08-01 11:33:25.10638424 12 2022-08-01 11:33:25.10638424 12 2022-08-01 11:33:26.128404933 16 2022-08-01 11:33:27.154389212 18 2022-08-01 11:33:27.154389212 18 2022-08-01 11:33:27.154389212 18 2022-08-01 11:33:27.154389212 18 2022-08-01 11:33:27.154389212 18 2022-08-01 11:33:27.154389212 18 2022-08-01 11:33:27.20239866 20 2022-08-01 11:33:27.20239867 2 2022-08-01 11:33:31.259389971	Source 198. 51, 100, 100 198.	Destination 192.0.2.100	Protocol ICMP IC	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f17 (20263) 0x4f17 (20275) 0x50ac (20652) 0x50ac (20652) 0x51a (20652) 0x51a (20652) 0x51a (20693) 0x51a (20693) 0x51a (20693) 0x52a (21134) 0x52a (21134) 0x52a (21167) 0x52a (21167) 0x53a (21414) 0x546 (21574) 0x546 (21574) 0x546 (21574) 0x546 (21574) 0x552 (2169) 0x556 (21798) 0x557 (22002) 0x556 (22112) 0x566 (2212)	PTR. 36 64 Echo (ping) reply 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/768, ttl=64 id=0x0013, seq=5/1208, ttl=64 id=0x0013, seq=5/1208, ttl=64 id=0x0013, seq=5/1208, ttl=64 id=0x0013, seq=5/1208, ttl=64 id=0x0013, seq=5/1208, ttl=64 id=0x0013, seq=7/1792, ttl=64 id=0x0013, seq=12/260, ttl=64 id=0x0013, seq=12/282, ttl=64 id=0x0013, seq=12/282, ttl=64 id=0x0013, seq=12/282, ttl=64 id=0x0013, seq=12/382, ttl=64 id=0x0013, seq=12/384, ttl=64 id=0x0
No. Time 1 2022-08-01 11:33:19.071512682 2 2022-08-01 11:33:19.071514822 3 2022-08-01 11:33:20.072677302 4 2022-08-01 11:33:20.072677302 4 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.07524381 8 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:25.106382444 14 2022-08-01 11:33:25.106382444 14 2022-08-01 11:33:25.106382444 14 2022-08-01 11:33:25.106384549 17 2022-08-01 11:33:27.154498212 18 2022-08-01 11:33:27.154498212 18 2022-08-01 11:33:28.178408986 20 202-08-01 11:33:29.202598599 21 2022-08-01 11:33:29.202598569 22 2022-08-01 11:33:29.202598569 22 2022-08-01 11:33:29.202598569 22 2022-08-01 11:33:29.202598569 22 2022-08-01 11:33:29.202598569 22 2022-08-01 11:33:29.202598569	Serve 198. 51, 100, 100 198. 5	Destination 1922.0.2.100 192.	Protocol ICMP IC	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f7 (20253) 0x4f7 (20253) 0x50ac (20652) 0x50ac (20652) 0x50ac (20652) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x52a (21144) 0x52a (21167) 0x52a (21167) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (2151) 0x544 (21574) 0x544 (21574) 0x545 (21798) 0x547 (21798) 0x557 (22082) 0x556 (22112) 0x566 (22112) 0x566 (22112) 0x566 (22127) 0x566 (22174) 0x567 (2227) 0x566 (22174) 0x567 (2227) 0x566 (22177) 0x567 (2227) 0x567 (2227) 0x57 (222	PTH. 186 64 Echo (ping) reply 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping) reply 68 Echo (ping) reply 68 Echo (ping) reply 69 Echo (ping) reply 60 Echo (pin	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/582, ttl=64 id=0x0013, seq=3/586, ttl=64 id=0x0013, seq=3/168, ttl=64 id=0x0013, seq=6/1536, ttl=64 id=0x0013, seq=6/1536, ttl=64 id=0x0013, seq=6/1536, ttl=64 id=0x0013, seq=6/1536, ttl=64 id=0x0013, seq=6/1536, ttl=64 id=0x0013, seq=6/1536, ttl=64 id=0x0013, seq=7/1792, ttl=64 id=0x0013, seq=7/1792, ttl=64 id=0x0013, seq=7/1792, ttl=64 id=0x0013, seq=12/3566, ttl=64 id=0x0013, seq=12/3572, ttl=64 id=0x0013, seq=12/3572, ttl=64 id=0x0013, seq=12/3572, ttl=64 id=0x0013, seq=12/3572, ttl=64 id=0x0013, seq=12/3584, ttl=64 id=0x0013, seq=12/35
No. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:19.071514882 4 2022-08-01 11:33:19.071514882 4 2022-08-01 11:33:20.072677382 4 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.073915600 7 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:25.106384549 12 2022-08-01 11:33:25.106384549 14 2022-08-01 11:33:26.134047851 16 2022-08-01 11:33:27.154400198 19 2022-08-01 11:33:27.154400198 19 2022-08-01 11:33:27.154400198 19 2022-08-01 11:33:27.154400198 19 2022-08-01 11:33:27.202295860 22 2022-08-01 11:33:27.202295860 22 2022-08-01 11:33:31.250387088 26 2022-08-01 11:33:31.250387088 26 2022-08-01 11:33:31.250387088 26 2022-08-01 11:33:31.2503897657	Source 198.51.100.100 198.51	Destnation 192.0.2.100 192.0.	Protocol ICMP IC	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f72 (20263) 0x4f70 (20475) 0x50ac (20652) 0x50ac (20652) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x52ae (21134) 0x52af (21167) 0x52af (21167) 0x53a6 (21414) 0x54a6 (21574) 0x54a6 (21574) 0x55a6 (21798) 0x555a (21798) 0x555a (21798) 0x555a (22002) 0x556e (22112) 0x556e (22112) 0x56e (22112)	PTR. 146 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 66 Echo (pi	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=5/1280, ttl=64 id=0x0013, seq=7/192, ttl=64 id=0x0013, seq=7/192, ttl=64 id=0x0013, seq=7/192, ttl=64 id=0x0013, seq=7/192, ttl=64 id=0x0013, seq=7/192, ttl=64 id=0x0013, seq=12/280, ttl=64 id=0x0013, seq=12/280, ttl=64 id=0x0013, seq=12/280, ttl=64 id=0x0013, seq=12/3972, ttl=64 id=0x0013, seq=12/3972, ttl=64 id=0x0013, seq=12/3972, ttl=64 id=0x0013, seq=12/3972, ttl=64 id=0x0013, seq=12/3972, ttl=64 id=0x0013, seq=13/3328, ttl=64 id=0x0013, seq=15, be 0, b
No. Time 1 2022-08-01 11:33:19.071512688 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.07267934 5 2022-08-01 11:33:20.07267934 5 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.075243381 8 2022-08-01 11:33:22.07524491 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:24.082407896 12 2022-08-01 11:33:25.106384244 14 2022-08-01 11:33:25.106384549 15 2022-08-01 11:33:26.13447851 16 2022-08-01 11:33:26.13447851 16 2022-08-01 11:33:26.13444851 17 2022-08-01 11:33:27.154498212 18 2022-08-01 11:33:28.178408966 20 202-08-01 11:33:28.178408966 20 2022-08-01 11:33:28.02639875 24 2022-08-01 11:33:31.29039971 27 2022-08-01 11:33:31.290387808 26 2022-08-01 11:33:31.290387805 27 2022-08-01 11:33:31.290387857 2	Source 198.51.100.100 198.51	Destination 192.0.2.100	Protocol ICMP IC	Longth 108 108 108 108 108 108 108 108	PD 0x4727 (20263) 0x4717 (20875) 0x4717 (20875) 0x50ac (20552) 0x50ac (20552) 0x50ac (20552) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x52a (21134) 0x52a (21141) 0x52a (21141) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x544 (21748) 0x557 (21798) 0x557 (22002) 0x556 (22112) 0x566 (2211	P TL 186 64 Echo (ping) reply 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/168, ttl=64 id=0x0013, seq=3/168, ttl=64 id=0x0013, seq=3/1792, ttl=64 id=0x0013, seq=3/148, ttl=64 id=0x0013, seq=3/248, ttl=64 id=0x0013, seq=3/248, ttl=64 id=0x0013, seq=13/2816, ttl=64 id=0x0013, seq=13/2816, ttl=64 id=0x0013, seq=13/3828, ttl=64 id=0x0013, seq=13/3844, ttl=64 id=0x00013, seq=13/3844, ttl
No. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.07267934 4 2022-08-01 11:33:20.07267934 5 2022-08-01 11:33:21.07315690 7 2022-08-01 11:33:21.07315690 7 2022-08-01 11:33:22.075249381 8 2022-08-01 11:33:22.075249381 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:25.106584549 11 2022-08-01 11:33:25.106584544 14 2022-08-01 11:33:25.106584549 15 2022-08-01 11:33:25.106584549 16 2022-08-01 11:33:25.106584549 17 2022-08-01 11:33:25.106384549 18 2022-08-01 11:33:25.10584244 14 2022-08-01 11:33:25.10584244 16 2022-08-01 11:33:25.106384549 17 2022-08-01 11:33:25.106384549 18 2022-08-01 11:33:25.104404030 19 2022-08-01 11:33:28.178417851 10 2022-08-01 11:33:28.178417851 10 202-08-01 11:33:29.202295869 <t< td=""><td>Source 198.51.100.100 198.51</td><td>Destnation 192.0.2.100 192.0.</td><td>Protocol ICMP IC</td><td>Length 108 108 108 108 108 108 108 108</td><td>PD 0x4f27 (20263) 0x4f72 (20263) 0x4f70 (20475) 0x50ac (20652) 0x50ac (20652) 0x50ac (20652) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x52a (21134) 0x52a (21167) 0x52a (21167) 0x52a (21167) 0x52a (21167) 0x52a (21167) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x544 (21574) 0x545 (21574) 0x545 (2161) 0x545 (2161) 0x557 (22002) 0x556 (22112) 0x566 (22112)</td><td>PTR. 186 64 Echo (ping) reply 64 Echo (ping) reply</td><td>id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/56, ttl=64 id=0x0013, seq=3/56, ttl=64 id=0x0013, seq=4/124, ttl=64 id=0x0013, seq=4/124, ttl=64 id=0x0013, seq=4/126, ttl=64 id=0x0013, seq=4/236, ttl=64 id=0x0013, seq=4/236, ttl=64 id=0x0013, seq=4/236, ttl=64 id=0x0013, seq=1/236, ttl=64 id=0x0013, seq=1/236, ttl=64 id=0x0013, seq=1/236, ttl=64 id=0x0013, seq=1/2362, ttl=64 id=0x0013, seq=1/2562, ttl</td></t<>	Source 198.51.100.100 198.51	Destnation 192.0.2.100 192.0.	Protocol ICMP IC	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f72 (20263) 0x4f70 (20475) 0x50ac (20652) 0x50ac (20652) 0x50ac (20652) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x52a (21134) 0x52a (21167) 0x52a (21167) 0x52a (21167) 0x52a (21167) 0x52a (21167) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x544 (21574) 0x545 (21574) 0x545 (2161) 0x545 (2161) 0x557 (22002) 0x556 (22112) 0x566 (22112)	PTR. 186 64 Echo (ping) reply 64 Echo (ping) reply	id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=3/56, ttl=64 id=0x0013, seq=3/56, ttl=64 id=0x0013, seq=4/124, ttl=64 id=0x0013, seq=4/124, ttl=64 id=0x0013, seq=4/126, ttl=64 id=0x0013, seq=4/236, ttl=64 id=0x0013, seq=4/236, ttl=64 id=0x0013, seq=4/236, ttl=64 id=0x0013, seq=1/236, ttl=64 id=0x0013, seq=1/236, ttl=64 id=0x0013, seq=1/236, ttl=64 id=0x0013, seq=1/2362, ttl=64 id=0x0013, seq=1/2562, ttl
No. Time 1 2022-08-01 11:33:19.071512688 2 2022-08-01 11:33:19.07151482 3 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.079315690 7 2022-08-01 11:33:22.075243931 8 2022-08-01 11:33:22.075243931 9 2022-08-01 11:33:22.075243931 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:24.062407896 12 2022-08-01 11:33:25.10638424 12 2022-08-01 11:33:25.10638424 12 2022-08-01 11:33:25.10638424 12 2022-08-01 11:33:25.10638424 12 2022-08-01 11:33:26.134447851 16 2022-08-01 11:33:27.154398421 18 2022-08-01 11:33:28.178400866 20 2022-08-01 11:33:28.178400866 20 2022-08-01 11:33:29.202398075 23 2022-08-01 11:33:31.25087808 24 2022-08-01 11:33:31.25087808 25 2022-08-01 11:33:31.25087808 26 2022-08-01 11:33:31.25087808 26 2022-08-01 11:33:31.298879757 20 2022-08-01 11:33:31.298397657 20 2022-08-01 11:33:31.298397657 20 202-08-01 11:33:31.298397657	Source 198.51.100.100 198.51	Destination 192.0.2.100 192.0	Protocol ICMP IC	Longth 108 108 108 108 108 108 108 108	PD (9x4727 (20263) (9x4727 (20263) (9x4717 (20875) (9x50ac (20652) (9x50ac (20652) (9x50ac (20652) (9x51a (20798) (9x51a (20798) (9x51a (20798) (9x51a (20798) (9x51a (20798) (9x52a (21134) (9x52a (21134) (9x52a (21144) (9x53a (21414) (9x53a (21414) (9x55a (21414) (9x5	PTR 36 64 Echo (ping) reply 64 Echo (ping) reply	id=0x0013, scq=1/256, ttl=64 id=0x0013, scq=1/256, ttl=64 id=0x0013, scq=2/512, ttl=64 id=0x0013, scq=2/5126, ttl=64 id=0x0013, scq=2/5126, ttl=64 id=0x0013, scq=2/5126, ttl=64 id=0x0013, scq=2/1792, ttl=64 id=0x0013, scq=2/1792, ttl=64 id=0x0013, scq=2/1792, ttl=64 id=0x0013, scq=2/1792, ttl=64 id=0x0013, scq=2/1792, ttl=64 id=0x0013, scq=2/266, ttl=64 id=0x0013, scq=2/266, ttl=64 id=0x0013, scq=2/266, ttl=64 id=0x0013, scq=2/266, ttl=64 id=0x0013, scq=2/266, ttl=64 id=0x0013, scq=12/362, ttl=64 id=0x0013, scq=12/362, ttl=64 id=0x0013, scq=12/362, ttl=64 id=0x0013, scq=12/362, ttl=64 id=0x0013, scq=12/362, ttl=64 id=0x0013, scq=12/362, ttl=64 id=0x0013, scq=12/382, ttl=64 id=0x0013, scq=12/382, ttl=64 id=0x0013, scq=12/382, ttl=64 id=0x0013, scq=12/384, ttl=64 id=0x0013, sc
No. Time 1 2022-08-01 11:33:19.071512682 2 2022-08-01 11:33:19.071514822 3 2022-08-01 11:33:20.07267334 4 2022-08-01 11:33:20.07267334 5 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.07524341 8 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:25.106382424 14 2022-08-01 11:33:25.106382424 14 2022-08-01 11:33:25.106382424 14 2022-08-01 11:33:25.106382424 14 2022-08-01 11:33:25.106382424 14 2022-08-01 11:33:25.106382439 17 2022-08-01 11:33:25.10438261 18 2022-08-01 11:33:25.10440329 17 2022-08-01 11:33:28.178471810 21 2022-08-01 11:33:28.178409866 22 2022-08-01 11:33:31.29.2955809 22 2022-08-01 11:33:31.29.2955809 22 2022-08-01 11:33:31.29.2955809 22 2022-08-01 11:33:31.29.2955809	Source 198.51,100,100 198.51	Destnation 192.0.2.100 192.0.	Protocol ICMP IC	Length 108 108 108 108 108 108 108 108	PD 0x4727 (20263) 0x4770 (20263) 0x4770 (20075) 0x50ac (20052) 0x50ac (20052) 0x50ac (20052) 0x51a (20078) 0x51a (20078) 0x51a (20078) 0x51a (20078) 0x51a (20078) 0x52a (21134) 0x52a (21167) 0x52a (21167) 0x53a (21414) 0x53a (21414) 0x55a (21788) 0x557 (22002) 0x557 (22002) 0x556 (22112) 0x566 (2212) 0x566 (2212)	PTR. 186 64 Echo (ping) reply 64 Echo (ping) reply	<pre>id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=1/256, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/512, ttl=64 id=0x0013, seq=2/162, ttl=64 id=0x0013, seq=2/162, ttl=64 id=0x0013, seq=2/162, ttl=64 id=0x0013, seq=2/122, ttl=64 id=0x0013, seq=1/2366, ttl=64 id=0x0013, seq=1/2366</pre>
No. Time 1 2022-08-01 11:33:19.071512688 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.07931630 7 2022-08-01 11:33:21.07931630 7 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 11 2022-08-01 11:33:24.082407896 12 2022-08-01 11:33:25.106:38424 13 2022-08-01 11:33:25.106:384244 12 2022-08-01 11:33:25.106:384244 12 2022-08-01 11:33:25.106:384244 12 2022-08-01 11:33:25.106:384244 12 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:29.20239869 22 2022-08-01 11:33:29.20239869 22 2022-08-01 11:33:29.20239869755 24 2022-08-01 11:33:31.2593899711 27 2022-08-01 11:33:31.2593899757 2 2 2022-08-01 11:33:32.27441601 23 2022-08-01 11:33:32.274416229 2	Source 198.51.100.100 198.51	Destnation 192.0.2.100	Protocol ICMP IC	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f72 (20263) 0x4f70 (20475) 0x50ac (20652) 0x50ac (20652) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x52ae (21134) 0x52af (21167) 0x52af (21167) 0x53af (21167) 0x53af (21167) 0x53af (21167) 0x53af (21167) 0x53af (21167) 0x53af (21178) 0x544 (21574) 0x544 (21574) 0x5452 (21798) 0x5572 (22002) 0x5562 (21129) 0x5562 (2112) 0x5666 (22112) 0x5666 (22112) 0x5667 (22247) 0ab (2112) 0x5667 (22247) 0ab (2112) 0x5667 (22247) 0x567 (22247) 0x57 (22247)	PTR. 146 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 66 Echo (pi	id-0x0013, seq-1/256, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-5/1206, ttl-64 id-0x0013, seq-7/172, ttl-64 id-0x0013, seq-7/172, ttl-64 id-0x0013, seq-12/307, ttl-64 id-0x0013, seq-12/307, ttl-64 id-0x0013, seq-12/307, ttl-64 id-0x0013, seq-12/3072,
No. Time 1 2022-08-01 11:33:19.071512682 2 2022-08-01 11:33:19.071514822 3 2022-08-01 11:33:19.071514822 4 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.075249381 8 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 11 2022-08-01 11:33:24.062407896 12 2022-08-01 11:33:25.106384549 13 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:28.178408966 20 202-08-01 11:33:28.128.178408966 20 202-08-01 11:33:29.202398667 2 2022-08-01 11:33:29.202398667 2 2022-08-01 11:33:29.202398667 2 2022-08-01 11:33:29.202398897157 2 Frame 2: 108 bytes on wire (864 bits 2 Forme 2: 108 bytes on wire (864 bits 3 Chernet I	Source 198.51,100,100 198.51	Destination 192.0.2.100 192.0	Protocol ICMP IC	Longth 108 108 108 108 108 108 108 108	PD 0x4727 (20263) 0x4770 (20253) 0x4770 (20275) 0x50ac (2052) 0x50ac (2052) 0x50ac (2052) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x52a (21144) 0x52a (21167) 0x52a (21167) 0x52a (21167) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x546 (21574) 0x546 (21574) 0x547 (21798) 0x547 (21798) 0x557 (22002) 0x556 (22112) 0x556 (22112) 0x556 (22112) 0x556 (22112) 0x556 (22112) 0x556 (2212) 0x566 (22112) 0x566 (22112) 0x566 (22112) 0x566 (22112) 0x566 (22112) 0x566 (22112) 0x566 (2212) 0x566 (2212) 0x5	PTL 166 64 Echo (ping) reply 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping	id-0x0013, seq-1/256, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-6/156, ttl=64 id-0x0013, seq-6/2048, ttl=64 id-0x0013, seq-12/2056, ttl=64 id-0x0013, seq-12/2056, ttl=64 id-0x0013, seq-12/3052, ttl=64 id-0
No. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.07267334 4 2022-08-01 11:33:20.07267334 5 2022-08-01 11:33:21.07315630 7 2022-08-01 11:33:21.07315630 7 2022-08-01 11:33:22.07524381 8 2022-08-01 11:33:22.07524311 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:25.106584549 11 2022-08-01 11:33:25.106584544 14 2022-08-01 11:33:25.106584549 15 2022-08-01 11:33:25.106584549 16 2022-08-01 11:33:25.106384549 17 2022-08-01 11:33:25.106384549 18 2022-08-01 11:33:25.106384549 17 2022-08-01 11:33:25.10584244 14 2022-08-01 11:33:25.106384549 17 2022-08-01 11:33:25.106384549 17 2022-08-01 11:33:25.104040320 18 2022-08-01 11:33:28.178417851 19 2022-08-01 11:33:28.178417810 21 2022-08-01 11:33:31.293897677 <t< td=""><td>Source 198.51.100.100 198.51</td><td>Destnation 192.0.2.100 192.0.</td><td>Protocol ICMP IC</td><td>Length 108 108 108 108 108 108 108 108</td><td>PD 0x4f27 (20263) 0x4f72 (20263) 0x4f70 (20475) 0x50ac (20652) 0x50ac (20652) 0x50ac (20652) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x52a (21134) 0x52a (21134) 0x52a (21167) 0x52a (21167) 0x52a (21167) 0x52a (21167) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x544 (21574) 0x545 (21574) 0x545 (21574) 0x555 (21798) 0x557 (22002) 0x5660 (22112) 0x5660 (22112) 0x5660 (22112) 0x5660 (22112) 0x5660 (22112) 0x5667 (22247)</td><td>PTR. 186 64 Echo (ping) reply 64 Echo (pi</td><td>id-0x0013, seq-1/256, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-3/68, ttl-64 id-0x0013, seq-3/128, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-9/2046, ttl-64 id-0x0013, seq-9/2046, ttl-64 id-0x0013, seq-9/2046, ttl-64 id-0x0013, seq-1/2306, ttl-64 id-0x0013, seq-1/2306, ttl-64 id-0x0013, seq-1/2306, ttl-64 id-0x0013, seq-1/2306, ttl-64 id-0x0013, seq-1/23072, ttl-6</td></t<>	Source 198.51.100.100 198.51	Destnation 192.0.2.100 192.0.	Protocol ICMP IC	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f72 (20263) 0x4f70 (20475) 0x50ac (20652) 0x50ac (20652) 0x50ac (20652) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x52a (21134) 0x52a (21134) 0x52a (21167) 0x52a (21167) 0x52a (21167) 0x52a (21167) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x544 (21574) 0x545 (21574) 0x545 (21574) 0x555 (21798) 0x557 (22002) 0x5660 (22112) 0x5660 (22112) 0x5660 (22112) 0x5660 (22112) 0x5660 (22112) 0x5667 (22247)	PTR. 186 64 Echo (ping) reply 64 Echo (pi	id-0x0013, seq-1/256, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-3/68, ttl-64 id-0x0013, seq-3/128, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-9/2046, ttl-64 id-0x0013, seq-9/2046, ttl-64 id-0x0013, seq-9/2046, ttl-64 id-0x0013, seq-1/2306, ttl-64 id-0x0013, seq-1/2306, ttl-64 id-0x0013, seq-1/2306, ttl-64 id-0x0013, seq-1/2306, ttl-64 id-0x0013, seq-1/23072, ttl-6
No. Time 1 2022-08-01 11:33:19.071512682 2 2022-08-01 11:33:19.071514822 2 2022-08-01 11:33:20.072679344 5 2022-08-01 11:33:20.072679344 5 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.075239381 8 2022-08-01 11:33:22.075249331 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:24.082407896 12 2022-08-01 11:33:25.1063484491 12 2022-08-01 11:33:25.1063484549 13 2022-08-01 11:33:26.134447851 16 2022-08-01 11:33:26.134449261 17 2022-08-01 11:33:28.178440896 20 2022-08-01 11:33:28.178440896 20 202-08-01 11:33:29.202398607 23 2022-08-01 11:33:31.29.2387868 24 2022-08-01 11:33:31.29.2387868 26 2022-08-01 11:33:31.29.2387868 26 2022-08-01 11:33:31.29.2387868 27 2022-08-01 11:33:31.29.238786971 27 2022-08-01 11:33:31.29.2387865	Source 198.51.100.100 198.51	Destnation 192.0.2.100	Protocol ICMP IC	Longth 108 108 108 108 108 108 108 108	PD (9x4727 (20263) (9x4717 (20875)) (9x4717 (20875)) (9x50ac (20652) (9x50ac (20652)) (9x50ac (20652)) (9x50ac (20652)) (9x51ac (20798)) (9x51ac (20798)) (9x51ac (20798)) (9x51ac (20798)) (9x52ac (21134)) (9x52ac (21134)) (9x52ac (21134)) (9x53ac (21414)) (9x53ac (21414)) (9x55ac (21798)) (9x555c (22002)) (9x556c (22112)) (9x556c (22112)) (9x566c (2	P TL 100 64 Echo (ping) reply 64 Echo (ping) reply	id-0x0013, seq-1/256, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-12/381, ttl-64 id-0x0013, se
No. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.07267334 4 2022-08-01 11:33:20.07267334 5 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.075249381 8 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:25.106382449 12 2022-08-01 11:33:25.106382449 14 2022-08-01 11:33:25.106382449 14 2022-08-01 11:33:25.106382449 14 2022-08-01 11:33:25.106382449 16 2022-08-01 11:33:25.106382449 17 2022-08-01 11:33:25.10438261 17 2022-08-01 11:33:25.10440329 18 2022-08-01 11:33:28.178440896 20 2022-08-01 11:33:28.178440896 20 2022-08-01 11:33:28.29259569 21 2022-08-01 11:33:31.293870857 24 2022-08-01 11:33:31.29387087657 2 Frame 2: 108 bytes on wire (864 bits	Source 198.51,100,100 198.51	Destnation 192.0.2.100 192.0.	Protocol ICMP IC	Length 108 108 108 108 108 108 108 108	PD 0x4727 (20263) 0x4770 (20273) 0x4770 (20075) 0x50ac (20052) 0x50ac (20052) 0x50ac (20052) 0x51a (20078) 0x51a (20078) 0x51a (20078) 0x51a (20078) 0x51a (20078) 0x52a (21134) 0x52a (21167) 0x52a (21167) 0x52a (21167) 0x53a (21414) 0x53a (21414) 0x55a (21167) 0x555 (21788) 0x557 (22002) 0x556 (22112) 0x566 (2212) 0x566 (2212)	PTR. 186 64 Echo (ping) reply 64 Echo (ping) reply	<pre>id=cxx0013, seq=1/256, ttl=64 id=cxx0013, seq=1/256, ttl=64 id=cxx0013, seq=1/256, ttl=64 id=cxx0013, seq=2/512, ttl=64 id=cxx0013, seq=2/52, ttl=64 id=cxx0013, seq=2/52, ttl=64 id=cxx0013, seq=1/2366, ttl=64 id=cxx0013, seq=1</pre>
No. Time 1 2022-08-01 11:33:19.071512688 2 2022-08-01 11:33:19.071514822 3 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.07931630 6 2022-08-01 11:33:21.07931630 7 2022-08-01 11:33:22.075241431 9 2022-08-01 11:33:22.075241431 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447153 10 2022-08-01 11:33:23.076447153 12 2022-08-01 11:33:23.076447153 12 2022-08-01 11:33:23.076447153 12 2022-08-01 11:33:24.082407896 12 2022-08-01 11:33:25.106384244 13 2022-08-01 11:33:25.106384244 12 2022-08-01 11:33:27.15439812 18 2022-08-01 11:33:27.15439812 18 2022-08-01 11:33:27.15439812 18 2022-08-01 11:33:27.15439812 18 2022-08-01 11:33:29.20239869 2 2022-08-01 11:33:29.2023986973 2 2022-08-01 11:33:29.2023986973 2 2022-08-01 11:33:21.250387808 2 2022-08-01 11:33:31.250387808 2 2022-08-01 11:33:31.250387808 2 2022-08-01 11:33:31.250387808 2 2022-08-01 11:33:31.250387808 2 60000 00000 00000	Source 198.51.100.100 198.51.100 198.51.100 198.51.100 19	Destnotion 192.0.2.100 192.0.	Protocol ICMP IC	Length 108 108 108 108 108 108 108 108	PD 0x4f72 (20263) 0x4f72 (20263) 0x4f70 (20475) 0x50ac (20652) 0x50ac (20652) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x51ae (20798) 0x52ae (21134) 0x52af (21167) 0x52af (21167) 0x52af (21167) 0x53af (21414) 0x54a6 (21574) 0x54a6 (21574) 0x54a6 (21574) 0x54a6 (21574) 0x54a6 (21574) 0x54a6 (21574) 0x54a6 (21574) 0x54a6 (21748) 0x54a7 (21748) 0x55a7 (22002) 0x55c6 (22112) 0x56c6 (22112) 0x56c7 (22247) 0ab (2112) 0x56c7 (22247) 0ab (2112) 0x56c7 (22247) 0x56c7 (22247) 0x	PTR. 166 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (pi	id-0x0013, seq=1/256, ttl=44 id-0x0013, seq=2/512, ttl=44 id-0x0013, seq=2/512, ttl=44 id-0x0013, seq=2/512, ttl=44 id-0x0013, seq=2/512, ttl=44 id-0x0013, seq=3/56, ttl=44 id-0x0013, seq=5/1200, ttl=44 id-0x0013, seq=3/2046, ttl=44 id-0x0013, seq=3/2046, ttl=44 id-0x0013, seq=3/2046, ttl=44 id-0x0013, seq=3/2046, ttl=44 id-0x0013, seq=3/2046, ttl=44 id-0x0013, seq=13/3282, ttl=44 id-0x0013, seq=13/3282, ttl=44 id-0x0013, seq=13/3328, ttl=44 id-0x0013, seq=13/348, ttl=44 id-0x0013, seq=144, ttl=54 id-0x0013, seq=144, ttl=54 id-0
No. Time 1 2022-08-01 11:33:19.071512698 2 2022-08-01 11:33:19.071512692 3 2022-08-01 11:33:19.071514882 4 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:23.076447152 1 2022-08-01 11:33:24.062407896 12 2022-08-01 11:33:25.106384549 13 2022-08-01 11:33:25.106384549 15 2022-08-01 11:33:25.106384549 15 2022-08-01 11:33:25.106384549 16 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:28.178460866 20 2022-08-01 11:33:28.178460866 20 2022-08-01 11:33:28.178460866 20 2022-08-01 11:33:29.202395869 22 2022-08-01 11:33:29.202395869 23 2022-08-01 11:33:29.202418229 29 2022-08-01 11:33:29.202418229 29 2022-08-01 11:33:29.20418229 29 2022-08-01 11:33:29.2041829 29 2022-08-01 11:33:29.204	Source 198.51,100,100 198.51	Destnation 192.0.2.100	Protocol ICMP IC	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f7 (20253) 0x4f7 (20253) 0x50ac (20552) 0x50ac (20552) 0x50ac (20552) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x52a (21144) 0x52a (21167) 0x52a (21167) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (21414) 0x53a (2151) 0x544 (21574) 0x544 (21574) 0x545 (21798) 0x545 (21798) 0x557 (22002) 0x566 (22112) 0x566 (22112) 0x566 (22112) 0x566 (22122) 0x566 (22122) 0x566 (22122) 0x566 (22247) 0x567 (2247) 0x567 (2247) 0x57 (2247) 0x57	PTL 106 64 Echo (ping) reply 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 67 Echo (ping) reply 68 Echo (ping) reply 68 Echo (ping) reply 69 Echo (ping) reply 60 Echo (ping	id-0x0013, seq=1/256, ttl=64 id-0x0013, seq=1/256, ttl=64 id-0x0013, seq=2/512, ttl=64 id-0x0013, seq=2/512, ttl=64 id-0x0013, seq=2/56, ttl=64 id-0x0013, seq=2/128, ttl=64 id-0x0013, seq=2/248, ttl=64 id-0x0013, seq=2/248, ttl=64 id-0x0013, seq=2/248, ttl=64 id-0x0013, seq=2/248, ttl=64 id-0x0013, seq=1/2566, ttl=64 id-0x0013, seq=1/2566, ttl=64 id-0x0013, seq=1/2566, ttl=64 id-0x0013, seq=1/2566, ttl=64 id-0x0013, seq=1/2566, ttl=64 id-0x0013, seq=1/2566, ttl=64 id-0x0013, seq=1/2356, ttl=64 id-0x0013, seq=1/2356, ttl=64 id-0x0013, seq=1/2356, ttl=64 id-0x0013, seq=1/23566, ttl=64 id-0x0013, seq=1/23567, ttl=64 id-0x0013, se
No. Time 1 2022-08-01 11:33:19.071512688 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.07931630 6 2022-08-01 11:33:21.07931630 7 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:22.075241491 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:23.076447152 12 2022-08-01 11:33:23.076447152 12 2022-08-01 11:33:25.10638424 12 2022-08-01 11:33:25.106384249 14 2022-08-01 11:33:25.106384249 15 2022-08-01 11:33:25.106384249 16 2022-08-01 11:33:25.106384249 17 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:27.154398212 18 2022-08-01 11:33:29.20239869 2 2022-08-01 11:33:29.202398697 2 2022-08-01 11:33:10.226398755 2 4022-08-01 11:33:12.29.20239869757 2 5022-08-01 11:33:31.298397657 2 5022-08-01 11:33:32.27441601 12 8022-08-01 11:33:32.27441601 12 8022-08-01 11:33:32.27441601 12 8022-08-01 11:33:32.27441601 <td>Source 198.51.100.100 198.51.00.100 198.51.00.000 198.51.00.000 198.51.00.000 198.51.00.000 198.51.00.000 198.51.00.000 198.51.0000 198.51.0000 198.51.0000 198.51.00</td> <td>Destnation 192.0.2.100 192.0.</td> <td>Protocol ICMP ICMP ICMP ICMP ICMP ICMP ICMP ICMP</td> <td>Length 108 108 108 108 108 108 108 108</td> <td>PD 0x4f72 (20263) 0x4f72 (20263) 0x4f7b (20475) 0x50ac (20652) 0x50ac (20652) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21144) 0x53ac (21414) 0x53ac (21414) 0x5446 (21574) 0x544 (21574) 0x544 (21574) 0x5452 (2161) 0x544 (21748) 0x5552 (21798) 0x5552 (22002) 0x5560 (22112) 0x5660 (22112) 0x560 (2</td> <td>PTR. 146 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 67 Echo (pi</td> <td>id-0x0013, seq-1/256, ttl-64 id-0x0013, seq-1/256, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-3/56, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-12/366, ttl-64 id-0x0013, seq-12/366, ttl-64 id-0x0013, seq-12/366, ttl-64 id-0x0013, seq-12/372, ttl-64 id-0x0013, s</td>	Source 198.51.100.100 198.51.00.100 198.51.00.000 198.51.00.000 198.51.00.000 198.51.00.000 198.51.00.000 198.51.00.000 198.51.0000 198.51.0000 198.51.0000 198.51.00	Destnation 192.0.2.100 192.0.	Protocol ICMP ICMP ICMP ICMP ICMP ICMP ICMP ICMP	Length 108 108 108 108 108 108 108 108	PD 0x4f72 (20263) 0x4f72 (20263) 0x4f7b (20475) 0x50ac (20652) 0x50ac (20652) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x51ac (20798) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21134) 0x52ac (21144) 0x53ac (21414) 0x53ac (21414) 0x5446 (21574) 0x544 (21574) 0x544 (21574) 0x5452 (2161) 0x544 (21748) 0x5552 (21798) 0x5552 (22002) 0x5560 (22112) 0x5660 (22112) 0x560 (2	PTR. 146 64 Echo (ping) reply 65 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 66 Echo (ping) reply 67 Echo (pi	id-0x0013, seq-1/256, ttl-64 id-0x0013, seq-1/256, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-2/512, ttl-64 id-0x0013, seq-3/56, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-5/1280, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-7/1792, ttl-64 id-0x0013, seq-12/366, ttl-64 id-0x0013, seq-12/366, ttl-64 id-0x0013, seq-12/366, ttl-64 id-0x0013, seq-12/372, ttl-64 id-0x0013, s
No. Time 1 2022-08-01 11:33:19.071512688 2 2022-08-01 11:33:19.071514882 3 2022-08-01 11:33:19.072514882 2 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:20.072679384 5 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:21.073915690 7 2022-08-01 11:33:22.075249381 8 2022-08-01 11:33:22.075249381 9 2022-08-01 11:33:22.075249381 9 2022-08-01 11:33:23.076447152 10 2022-08-01 11:33:24.082407896 12 2022-08-01 11:33:25.106384244 14 2022-08-01 11:33:25.106384244 14 2022-08-01 11:33:25.106384244 14 2022-08-01 11:33:25.106384244 17 2022-08-01 11:33:25.106384244 12 2022-08-01 11:33:26.13440328 18 2022-08-01 11:33:28.17840986 20 2022-08-01 11:33:28.17840986 2 2022-08-01 11:33:28.178409866 20 2022-08-01 11:33:29.202398067 2 2 2022-08-01 11:33:29.202398067 23 2022-08-01 11:33:31.29.2039807 2 2 2022-08-01 11:33:31.29.203980757 2 2 2 2022-08-01 11:33:31.29.203980757 2 2 7 2022-08-01 11:33:31.29.20389071 27 2022-08-01 11:33:32.274416011 2 8 2022-08-01 11:33:31.29.203890757 2 2 7 2022-08-01 11:33:31.29.203890757 2 2 7 2022-08-01 11:33:33.298397657 2 <td>Source 198.51.100.100 198.51</td> <td>Destnation 192.0.2.100</td> <td>Protocol ICMP IC</td> <td>Length 108 108 108 108 108 108 108 108</td> <td>PD 0x4f27 (20263) 0x4f17 (20273) 0x4f17 (20273) 0x50ac (2052) 0x50ac (2052) 0x50ac (2052) 0x50ac (2052) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x52a (21144) 0x52af (21167) 0x52af (21167) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x5444 (21748) 0x5526 (21798) 0x5572 (22002) 0x5562 (22102) 0x5562 (22102) 0x5667 (22247) 0x5667 (22247) 0x567 (2227) 0x567 (2227) 0x567 (2227) 0x567 (2227</td> <td>P TL 106 64 Echo (ping) reply 64 Echo (ping) reply</td> <td>id-0x0013, seq-1/256, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-5/1200, ttl=64 id-0x0013, seq-11/2816, tt</td>	Source 198.51.100.100 198.51	Destnation 192.0.2.100	Protocol ICMP IC	Length 108 108 108 108 108 108 108 108	PD 0x4f27 (20263) 0x4f17 (20273) 0x4f17 (20273) 0x50ac (2052) 0x50ac (2052) 0x50ac (2052) 0x50ac (2052) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x51a (20798) 0x52a (21144) 0x52af (21167) 0x52af (21167) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x53a6 (21414) 0x5444 (21748) 0x5526 (21798) 0x5572 (22002) 0x5562 (22102) 0x5562 (22102) 0x5667 (22247) 0x5667 (22247) 0x567 (2227) 0x567 (2227) 0x567 (2227) 0x567 (2227	P TL 106 64 Echo (ping) reply 64 Echo (ping) reply	id-0x0013, seq-1/256, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-2/512, ttl=64 id-0x0013, seq-5/1200, ttl=64 id-0x0013, seq-11/2816, tt

Explicação

Se a opção **All Packets** na **Application Capture Direction** estiver selecionada, 2 capturas simultâneas de pacotes relacionadas à porta de aplicativo Ethernet1/2 selecionada serão configuradas: uma captura na interface Ethernet1/2 frontal e uma captura em interfaces de painel traseiro selecionadas.

Quando uma captura de pacote em uma interface frontal é configurada, o switch captura simultaneamente cada pacote duas vezes:

- Após a inserção da marca da porta VLAN.
- Após a inserção da tag VN.

Na ordem de operações, a tag VN é inserida em um estágio posterior à inserção da tag VLAN da porta. Mas no arquivo de captura, o pacote com a marca VN é mostrado antes do pacote com a marca VLAN da porta. Neste exemplo, a marca de VLAN 102 nos pacotes de solicitação de eco ICMP identifica a Ethernet1/2 como a interface de entrada.

Quando uma captura de pacote em uma interface de painel traseiro é configurada, o switch captura simultaneamente cada pacote duas vezes. O switch interno recebe pacotes que já estão marcados pelo aplicativo no módulo de segurança com a marca da porta VLAN e a marca da VLAN. A tag de VLAN de porta identifica a interface de saída que o chassi interno usa para encaminhar os pacotes à rede. Neste exemplo, a marca de VLAN 102 nos pacotes de resposta de eco ICMP identifica a Ethernet1/2 como a interface de saída.

O switch interno remove a marca VN e a marca VLAN da interface interna antes que os pacotes sejam encaminhados à rede.

Esta tabela resume a tarefa:

Tarefa	Ponto de captura	VLAN de porta interna em pacotes capturados	Direção	Tráfego capturado
Configurar e verificar capturas na porta	Interfaces de backplane	102	Somente entrada	Respostas de eco ICMP do h 198.51.100.100 para o host 192.0.2.100
Ethernet1/2 do aplicativo e do aplicativo	Interface Ethernet1/2	102	Somente entrada	Solicitações de eco ICMP do 192.0.2.100 para o host 198.51.100.100

Captura de pacotes em uma subinterface de uma interface física ou de canal de porta

Use o FCM e a CLI para configurar e verificar uma captura de pacote na subinterface Ethernet1/2.205 ou na subinterface de canal de porta Portchannel1.207. Subinterfaces e capturas em subinterfaces são suportadas somente para a aplicação FTD no modo de contêiner. Nesse caso, uma captura de pacote em Ethernet1/2.205 e Portchannel1.207 está configurada.

Topologia, fluxo de pacotes e pontos de captura





Configuração

FCM

Siga estas etapas no FCM para configurar uma captura de pacote no aplicativo FTD e na porta Ethernet1/2 do aplicativo:

1. Use Tools > Packet Capture > Capture Session para criar uma nova sessão de captura:

Overview Interfaces Logical Devices Security Engine Platform Settings	System	Tools Help admin
	Packet Capture	Troubleshooting Logs
Capture Session Fiter List		
C Refresh	Capture Session Delet	e All Sessions
No Session available		

2. Selecione a instância de aplicativo específica ftd1, a subinterface Ethernet1/2.205, forneça o nome da sessão e clique em **Salvar e Executar** para ativar a captura:

Overview Interfaces Logical Devices Security Engine Platform Settings			System Tools Help admin
Select an instance: ftd1 v			Save and Run Save Cancel
Subinterface selection Ethernet1/2.205 Ethernet1/2.206 Subinterfaces(2) Ethernet1/2		Session Name* Selected Interfaces Buffer Size Snap length: Store Packets	Cap1 Ethernet1/2.205 256 MB 1518 Overwrife Append
Ethernet1/1	FD Ethernet1/9. Ethernet1/10	Capture Filter	Apply Filter Capture A3

3. No caso de uma subinterface port-channel, devido ao bug da Cisco ID <u>CSCvq3119</u>, as subinterfaces não são visíveis no FCM. Use a CLI FXOS para configurar capturas em subinterfaces de canal de porta.

CLI FXOS

Siga estas etapas na CLI FXOS para configurar uma captura de pacote nas subinterfaces

1. Identificar o tipo de aplicativo e o identificador:

```
firepower# scope ssa
firepower /ssa # show app-instance
App Name Identifier Slot ID Admin State Oper State Running Version Startup Version
Deploy Type Turbo Mode Profile Name Cluster State Cluster Role
_____ _____
ftd1
                1
                         Enabled
                                  Online
                                                 7.2.0.82
                                                             7.2.0.82
ftd
                 RP20
Container No
                          Not Applicable None
                         Enabled Online
ftd ftd2
                1
                                                7.2.0.82
                                                             7.2.0.82
                 RP20
Container No
                          Not Applicable None
  2. No caso de uma interface port-channel, identifique suas interfaces membro:
firepower# connect fxos
<output skipped>
firepower(fxos)# show port-channel summary
Flags: D - Down P - Up in port-channel (members)
     I - Individual H - Hot-standby (LACP only)
     s - Suspended r - Module-removed
     S - Switched R - Routed
     U - Up (port-channel)
     M - Not in use. Min-links not met
_____
              Туре
Group Port-
                     Protocol Member Ports
   Channel
_____
   Pol(SU) Eth LACP
                            Eth1/3(P) Eth1/3(P)
  3. Criar uma sessão de captura:
firepower# scope packet-capture
firepower /packet-capture # create session cap1
firepower /packet-capture/session* # create phy-port Eth1/2
firepower /packet-capture/session/phy-port* # set app ftd
firepower /packet-capture/session/phy-port* # set app-identifier ftd1
firepower /packet-capture/session/phy-port* # set subinterface 205
firepower /packet-capture/session/phy-port* # up
firepower /packet-capture/session* # enable
firepower /packet-capture/session* # commit
firepower /packet-capture/session #
Para subinterfaces port-channel, crie uma captura de pacote para cada interface membro port-
channel:
firepower# scope packet-capture
firepower /packet-capture # create filter vlan207
firepower /packet-capture/filter* # set ovlan 207
firepower /packet-capture/filter* # up
```

firepower /packet-capture* # create session cap1
firepower /packet-capture/session* create phy-port Eth1/3
firepower /packet-capture/session/phy-port* # set app ftd
firepower /packet-capture/session/phy-port* # set app-identifier ftd1

- firepower /packet-capture/session/phy-port* # set subinterface 207
 firepower /packet-capture/session/phy-port* # up
- firepower /packet-capture/session* # create phy-port Eth1/4
- firepower /packet-capture/session/phy-port* # set app ftd

```
firepower /packet-capture/session/phy-port* # set app-identifier ftd1
firepower /packet-capture/session/phy-port* # set subinterface 207
firepower /packet-capture/session* # enable
firepower /packet-capture/session* # commit
firepower /packet-capture/session #
Verificação
```

FCM

Verifique o **nome da interface**, certifique-se de que o **status operacional** esteja ativo e que o **tamanho do arquivo (em bytes)** aumente:

Overview	Interfaces	Logical Devices Security Engine	Platform Settings					System Tools	Help admin
	_								
Capture Se	ssion Filter Lis	t)(
			_				C Refresh	Capture Session Delete Al Sessions	
•	cap1	Drop Count: 0		Operational State: up	B	ffer Size: 256 MB	Snap Length: 1518 Bytes		A.8.2
Interface N	ame	Filter		File Size (in bytes)	File Name	Device Nam			
Ethernet1/2	.205	None		233992	cap1-ethemet-1-2	0.pcap ftd1	*		

As capturas de subinterface de canal de porta configuradas no FXOS CLI também são visíveis no FCM; no entanto, eles não podem ser editados:

Overview Interfaces Logical	Devices Security Engine Platform Setti	ings				System Tools Help admin
Capture Session Fiter List						
					C Refresh Capture Session	Delete Al Sessions
a epi	Drop Count: 0	Operational State: up	Buffer Size: 256 MB		Snap Length: 1518 Bytes	A.8.0
Interface Name	Filter	File Size (in bytes)	File Name	Device Name		
Ethernet1/4.207	None	624160	cap1-ethernet-1-4-0.pcap	Not available	<u>ل</u>	
Ethernet1/3.207	None	160	cap1-ethernet-1-3-0.pcap	Not available	*	

CLI FXOS

Verifique os detalhes da captura em scope packet-capture:

```
firepower# scope packet-capture
firepower /packet-capture # show session cap1
Traffic Monitoring Session:
   Packet Capture Session Name: cap1
   Session: 1
   Admin State: Enabled
   Oper State: Up
   Oper State Reason: Active
   Config Success: Yes
   Config Fail Reason:
   Append Flag: Overwrite
   Session Mem Usage: 256 MB
   Session Pcap Snap Len: 1518 Bytes
  Error Code: 0
  Drop Count: 0
Physical ports involved in Packet Capture:
   Slot Id: 1
   Port Id: 2
   Pcapfile: /workspace/packet-capture/session-1/cap1-ethernet-1-2-0.pcap
   Pcapsize: 9324 bytes
   Filter:
   Sub Interface: 205
```

Application Instance Identifier: ftd1 Application Name: ftd Canal de porta 1 com interfaces membro Ethernet1/3 e Ethernet1/4:

firepower# scope packet-capture firepower /packet-capture # show session cap1 Traffic Monitoring Session: Packet Capture Session Name: cap1 Session: 1 Admin State: Enabled Oper State: Up Oper State Reason: Active Config Success: Yes Config Fail Reason: Append Flag: Overwrite Session Mem Usage: 256 MB Session Pcap Snap Len: 1518 Bytes Error Code: 0 Drop Count: 0 Physical ports involved in Packet Capture: Slot Id: 1 Port Id: 3 Pcapfile: /workspace/packet-capture/session-1/cap1-ethernet-1-3-0.pcap Pcapsize: 160 bytes Filter: Sub Interface: 207 Application Instance Identifier: ftd1 Application Name: ftd Slot Id: 1 Port Id: 4 Pcapfile: /workspace/packet-capture/session-1/cap1-ethernet-1-4-0.pcap Pcapsize: 624160 bytes Filter: Sub Interface: 207 Application Instance Identifier: ftd1 Application Name: ftd

Coletar arquivos de captura

Siga as etapas na seção Coletar arquivos de captura do switch interno Firepower 4100/9300.

Capturar análise de arquivo

Use um aplicativo leitor de arquivo de captura de pacote para abrir o arquivo de captura. Selecione o primeiro pacote e verifique os pontos principais:

- 1. Somente os pacotes ICMP de solicitação de eco são capturados. Cada pacote é capturado e mostrado 2 vezes.
- 2. O cabeçalho do pacote original tem a marca de VLAN 205.
- 3. O switch interno insere a tag de VLAN de porta adicional **102** que identifica a interface de entrada Ethernet1/2.
- 4. O switch interno insere uma marca VN adicional.

No.	Time	Source	Destination	Protocol	Length	PD	IP TTL Info			
Г	1 2022-08-04 07:21:56.993302102	192.0.2.100	198.51.100.100	ICMP	112	0x9574 (38	260) 64 Echo	(ping) red	quest	id=0x0022, seq=1/256, ttl=64 (no response found!)
	2 2022-08-04 07:21:56.993303597	192.0.2.100	198.51.100.100	ICMP	102	0x9574 (38	260) 64 Echo	(ping) rec	uest	id=0x0022, seq=1/256, ttl=64 (no response found!)
	3 2022-08-04 07:22:06.214264777	192.0.2.100	198.51.100.100	ICMP	112	0x9a81 (39	553) 64 Echo	(ping) rec	uest	id=0x0022, seq=10/2560, ttl=64 (no response found!)
	4 2022-08-04 07:22:06.214267373	192.0.2.100	198.51.100.100	ICMP	102	0x9a81 (39	553) 64 Echo	(ping) rec	uest	id=0x0022, seq=10/2560, ttl=64 (no response found!)
	5 2022-08-04 07:22:07.215113393	192.0.2.100	198.51.100.100	ICMP	112	0x9ac3 (39	619) 64 Echo	(ping) rec	uest	id=0x0022, seq=11/2816, ttl=64 (no response found!)
	6 2022-08-04 07:22:07.215115445	192.0.2.100	198.51.100.100	ICMP	102	0x9ac3 (39	619) 64 Echo	(ping) rea	uest	id=0x0022, seq=11/2816, ttl=64 (no response found!)
	7 2022-08-04 07:22:08.229938577	192.0.2.100	198.51.100.100	ICMP	112	Øx9b33 (39	731) 64 Echo	(ping) rea	uest	id=0x0022, seq=12/3072, ttl=64 (no response found!)
	8 2022-08-04 07:22:08.229940829	192.0.2.100	198.51.100.100	ICMP	102	0x9b33 (39	731) 64 Echo	(ping) red	uest	id=0x0022, seq=12/3072, ttl=64 (no response found!)
	9 2022-08-04 07:22:09.253944601	192.0.2.100	198.51.100.100	ICMP	112	0x9c0e (35	950) 64 Echo	(ping) rec	uest	id=0x0022, seq=13/3328, ttl=64 (no response found!)
	10 2022-08-04 07:22:09.253946899	192.0.2.100	198.51.100.100	ICMP	102	0x9c0e (39	950) 64 Echo	(ping) red	uest	id=0x0022, seq=13/3328, ttl=64 (no response found!)
	11 2022-08-04 07:22:10.277953070	192.0.2.100	198.51.100.100	ICMP	112	0x9ccb (40	139) 64 Echo	(ping) rec	uest	id=0x0022, seq=14/3584, ttl=64 (no response found!)
	12 2022-08-04 07:22:10.277954736	192.0.2.100	198.51.100.100	ICMP	102	Øx9ccb (40	139) 64 Echo	(ping) red	uest	id=0x0022, seq=14/3584, ttl=64 (no response found!)
	13 2022-08-04 07:22:11.301931282	192.0.2.100	198.51.100.100	ICMP	112	0x9d84 (46	324) 64 Echo	(ping) red	uest	id=0x0022, seq=15/3840, ttl=64 (no response found!)
	14 2022-08-04 07:22:11.301933600	192.0.2.100	198.51.100.100	ICMP	102	0x9d84 (46	324) 64 Echo	(ping) red	uest	1d=0x0022, seq=15/3840, ttl=64 (no response found!)
	15 2022-08-04 07:22:12.325936521	192.0.2.100	198.51.100.100	ICMP	112	0x9da2 (46	(354) 64 Echo	(ping) red	quest	id=0x0022, seq=16/4096, ttl=64 (no response found!)
	16 2022-08-04 07:22:12.325937895	192.0.2.100	198.51.100.100	ICMP	102	0x9da2 (46	354) 64 Echo	(ping) red	uest	1d=0x0022, seq=16/4096, ttl=64 (no response found!)
	17 2022-08-04 07:22:13.326988040	192.0.2.100	198.51.100.100	ICMP	112	0x9e07 (46	455) 64 Echo	(ping) red	uest	1d=0x0022, seq=17/4352, ttl=64 (no response found!)
	18 2022-08-04 07:22:13.326990258	192.0.2.100	198.51.100.100	ICMP	102	0x9e07 (46	455) 64 ECh0	(ping) red	uest	10=0X0022, seq=17/4352, tt1=64 (no response found!)
	19 2022-08-04 07:22:14.341944773	192.0.2.100	198.51.100.100	TCMP	112	0x906a (40	(554) 64 ECNO	(ping) red	uest	id=0x0022, seq=18/4608, ttl=64 (no response found!)
	20 2022-08-04 07:22:14.341946249	192.0.2.100	198.51.100.100	TCMP	102	0x966a (46	(554) 64 ECNO	(ping) red	uest	id=0x0022, seq=18/4608, ttl=64 (no response found!)
	21 2022-08-04 07:22:15.365941588	192.0.2.100	198.51.100.100	TCMP	112	experb (40	(00) 64 ECho	(ping) red	uest	id=0x0022, seq=19/4864, ttl=64 (no response found!)
	22 2022-00-04 07:22:15.303942300	192.0.2.100	198.51.100.100	TCMP	102	0x9610 (40	(039) 64 ECHO	(ping) rec	uest	id=0x0022, seq=19/4804, ttl=04 (no response found)
	23 2022-00-04 07:22:10.303973043	192.0.2.100	190.51.100.100	TCMD	102	0x9fe8 (40	(936) 64 Echo	(ping) rec	uesc	id=0x0022, seq=20/5120, tt1=64 (no response found))
	24 2022-00-04 07:22:10.309973129	192.0.2.100	198.51.100.100	TCMD	102	0x3168 (40	(950) 64 ECHO (951) 64 ECHO	(ping) rec	uest	id=0x0022, seq=20/5120, ((1=64 (no response found))
	25 2022-08-04 07:22:17.413930452	192.0.2.100	198.51.100.100	TCMP	102	0xa079 (4)	001) 04 ECho 091) 64 Echo	(ping) rec	uest	id=0x0022, seq=21/5376, ttl=64 (no response found1)
	27 2022-08-04 07:22:17.413930030	192.0.2.100	198 51 100 100	TCMP	112	8xa11e (41	246) 64 Echo	(ping) rec	most	id=0x0022, seq=22/5632, ttl=64 (no response found1)
1.	27 2022-00-04 071221101457554555	19210121100	19019111001100	1018	112	everie (4)	240) 04 2010	(pang) red	lacar	in a sport of the second
× .										
2	Frame 1: 112 bytes on wire (896 bi	ts), 112 bytes ca	ptured (896 bits) o	n interface ca	pture_u0_	1, id 0			0000	a2 76 f2 00 00 1b 00 50 56 9d e8 be 89 26 80 54 · v · · · · · · · · · · · · · · · · ·
2	Ethernet II, Src: VMware 9d:e8:be	(00:50:56:9d:e8:b	e), Dst: a2:76:f2:0	0:00:1b (a2:76	:f2:00:00	1:1b)				00 00 81 00 00 66 81 00 00 cd 08 00 45 00 00 54t.
1	VN-Tag								0020	95 74 40 00 40 01 08 38 C0 00 02 64 C0 33 64 64 C0 19 00 03 64 64 C0 30 00 00 00 00 00 00 00 00 00 00 00 00
	1	= Directi	ion: From Bridge							49 94 88 88 88 88 88 88 88 88 88 88 88 88 88
	.0	= Pointer	": vif_id						0050	18 19 1a 1b 1c 1d 1e 1f 20 21 22 23 24 25 26 27 !"#\$%8"
		= Destina	ition: 84						0066	28 29 2a 2b 2c 2d 2e 2f 30 31 32 33 34 35 36 37 ()*+,/ 01234567
	0	= Looped:	NO 4	+ I						
		= Reserve	6d: 0							
		= Version	1: 0							
		00 0000 = Source:	0							
L.	Type: 802.10 Virtual LAN (0x8100) 10: 100		_						
M	802.10 Virtual LAN, PKI: 0, DEI: 0	, 10: 102								
	000 = Priority:	eible	uit) (0)							
		gible								
	0000 0110 0110 = 10: 102									
Ŀ	Type: 802.10 Virtual LAN (0X8100	70. 205		_						
M	802.1Q Virtual LAN, PRI: 0, DEI: 0	, 1D: 205								
	000 = Priority:	Best Effort (defa	uit) (0)							
	0 = DEI: Inel3	gible								
	0000 1100 1101 = ID: 205			2						
	Type: IPV4 (0x0800)	102 0 2 100 Det.	100 51 100 100	-						
1	Internet Protocol Version 4, SPC:	192.0.2.100, DSt:	198.51.100.100							
1	internet control Message Protocol									
•				_						
-										

Selecione o segundo pacote e verifique os pontos principais:

- 1. Somente os pacotes ICMP de solicitação de eco são capturados. Cada pacote é capturado e mostrado 2 vezes.
- 2. O cabeçalho do pacote original tem a marca de VLAN 205.

No. Time Source	Destination	rotocol Length	PD P	TTL Info	
1 2022-08-04 07:21:56.993302102 192.0.	2.100 198.51.100.100	CMP 112	0x9574 (38260)	64 Echo (ping) request	id=0x0022, seq=1/256, ttl=64 (no response found!)
2 2022-08-04 07:21:56.993303597 192.0.	2.100 198.51.100.100	CMP 102	0x9574 (38260)	64 Echo (ping) request	id=0x0022, seq=1/256, ttl=64 (no response found!)
3 2022-08-04 07:22:06.214264777 192.0.	2.100 198.51.100.100	CMP 112	0x9a81 (39553)	64 Echo (ping) request	id=0x0022, seq=10/2560, ttl=64 (no response found!)
4 2022-08-04 07:22:06.214267373 192.0.	2.100 198.51.100.100	CMP 102	0x9a81 (39553)	64 Echo (ping) request	id=0x0022, seq=10/2560, ttl=64 (no response found!)
5 2022-08-04 07:22:07.215113393 192.0.	2.100 198.51.100.100	CMP 112	0x9ac3 (39619)	64 Echo (ping) request	id=0x0022, seq=11/2816, ttl=64 (no response found!)
6 2022-08-04 07:22:07.215115445 192.0.	2.100 198.51.100.100	CMP 102	0x9ac3 (39619)	64 Echo (ping) request	id=0x0022, seq=11/2816, ttl=64 (no response found!)
7 2022-08-04 07:22:08.229938577 192.0.	2.100 198.51.100.100	CMP 112	0x9b33 (39731)	64 Echo (ping) request	id=0x0022, seq=12/3072, ttl=64 (no response found!)
8 2022-08-04 07:22:08.229940829 192.0.	2.100 198.51.100.100	CMP 102	0x9b33 (39731)	64 Echo (ping) request	id=0x0022, seq=12/3072, ttl=64 (no response found!)
9 2022-08-04 07:22:09.253944601 192.0.	2.100 198.51.100.100	CMP 112	0x9c0e (39950)	64 Echo (ping) request	id=0x0022, seq=13/3328, ttl=64 (no response found!)
10 2022-08-04 07:22:09.253946899 192.0.	2.100 198.51.100.100	CMP 102	0x9c0e (39950)	64 Echo (ping) request	id=0x0022, seq=13/3328, ttl=64 (no response found!)
11 2022-08-04 07:22:10.277953070 192.0.	2.100 198.51.100.100	CMP 112	0x9ccb (40139)	64 Echo (ping) request	id=0x0022, seq=14/3584, ttl=64 (no response found!)
12 2022-08-04 07:22:10.277954736 192.0.	2.100 198.51.100.100	CMP 102	0x9ccb (40139)	64 Echo (ping) request	id=0x0022, seg=14/3584, ttl=64 (no response found!)
13 2022-08-04 07:22:11.301931282 192.0.	2.100 198.51.100.100	CMP 112	0x9d84 (40324)	64 Echo (ping) request	id=0x0022, seq=15/3840, ttl=64 (no response found!)
14 2022-08-04 07:22:11.301933600 192.0.	2.100 198.51.100.100	CMP 102	0x9d84 (40324)	64 Echo (ping) request	id=0x0022, seq=15/3840, ttl=64 (no response found!)
15 2022-08-04 07:22:12.325936521 192.0.	2.100 198.51.100.100	CMP 112	0x9da2 (40354)	64 Echo (ping) request	id=0x0022, seg=16/4096, ttl=64 (no response found!)
16 2022-08-04 07:22:12.325937895 192.0.	2.100 198.51.100.100	CMP 102	0x9da2 (40354)	64 Echo (ping) request	id=0x0022, seq=16/4096, ttl=64 (no response found!)
17 2022-08-04 07:22:13.326988040 192.0.	2.100 198.51.100.100	CMP 112	0x9e07 (40455)	64 Echo (ping) request	id=0x0022, seq=17/4352, ttl=64 (no response found!)
18 2022-08-04 07:22:13.326990258 192.0.	2.100 198.51.100.100	CMP 102	0x9e07 (40455)	64 Echo (ping) request	id=0x0022, seg=17/4352, ttl=64 (no response found!)
19 2022-08-04 07:22:14.341944773 192.0.	2.100 198.51.100.100	CMP 112	0x9e6a (40554)	64 Echo (ping) request	id=0x0022, seq=18/4608, ttl=64 (no response found!)
20 2022-08-04 07:22:14.341946249 192.0.	2.100 198.51.100.100	CMP 102	0x9e6a (40554)	64 Echo (ping) request	id=0x0022, seq=18/4608, ttl=64 (no response found!)
21 2022-08-04 07:22:15.365941588 192.0.	2.100 198.51.100.100	CMP 112	0x9efb (40699)	64 Echo (ping) request	id=0x0022, seq=19/4864, ttl=64 (no response found!)
22 2022-08-04 07:22:15.365942566 192.0.	2.100 198.51.100.100	CMP 102	0x9efb (40699)	64 Echo (ping) request	id=0x0022, seq=19/4864, ttl=64 (no response found!)
23 2022-08-04 07:22:16.389973843 192.0.	2.100 198.51.100.100	CMP 112	0x9fe8 (40936)	64 Echo (ping) request	id=0x0022, seq=20/5120, ttl=64 (no response found!)
24 2022-08-04 07:22:16.389975129 192.0.	2.100 198.51.100.100	CMP 102	0x9fe8 (40936)	64 Echo (ping) request	id=0x0022, seq=20/5120, ttl=64 (no response found!)
25 2022-08-04 07:22:17.413936452 192.0.	2.100 198.51.100.100	CMP 112	0xa079 (41081)	64 Echo (ping) request	id=0x0022, seq=21/5376, ttl=64 (no response found!)
26 2022-08-04 07:22:17.413938090 192.0.	2.100 198.51.100.100	CMP 102	0xa079 (41081)	64 Echo (ping) request	id=0x0022, seq=21/5376, ttl=64 (no response found!)
27 2022-08-04 07:22:18.437954335 192.0.	2.100 198.51.100.100	CMP 112	0xa11e (41246)	64 Echo (ping) request	id=0x0022, seq=22/5632, ttl=64 (no response found!)
<			1 1		and the family of a set
) Frame 2: 102 bytes on wire (816 bits) 102	hutes cantured (816 hits) on	interface canture u	a 1. id a		a 2 76 f2 88 68 th 68 58 56 9d 68 he 81 88 68 cd
> Ethernet II. Src: Wheare 9d:e8:he (00:50:5	6:9d:e8:he). Dst: a2:76:f2:00:	00:1b (a2:76:f2:00:	00:1h)	0010	0 08 00 45 00 00 54 95 74 40 00 40 01 b8 38 c0 00 ··E··T·t @·@··8··
882.10 Virtual LAN, PRT: 0, DET: 0, TD: 20	15			002	0 02 64 c6 33 64 64 08 00 eb 95 00 22 00 01 88 73 ·d·3dd·· ··· "···s
and = Priority: Bast Ef	fort (default) (0)			003	eb 62 00 00 00 00 d9 9d 00 00 00 00 00 00 10 11 .b
= DEI: Ineligible				004	0 12 13 14 15 16 17 18 19 1a 1b 1c 1d 1e 1f 20 21 !
0000 1100 1101 = TO: 205	-			005	0 22 23 24 25 26 27 28 29 2a 2b 2c 2d 2e 2f 30 31 "#\$%&'() *+,/01
Tune: TPu4 (0x0000)	2			006	0 32 33 34 35 36 37 234567
Internet Protocol Version 4, Src: 192.0.2.	100. Dst: 198.51.100.100				
Internet Control Message Protocol					
Anternet control hassage Protocol					

Agora abra os arquivos de captura para Portchannel1.207. Selecione o primeiro pacote e verifique os pontos principais

- 1. Somente os pacotes ICMP de solicitação de eco são capturados. Cada pacote é capturado e mostrado 2 vezes.
- 2. O cabeçalho do pacote original tem a marca de VLAN 207.
- 3. O switch interno insere uma tag de VLAN de porta adicional 1001 que identifica a interface

de entrada Portchannel1.

4. O switch interno insere uma marca VN adicional.

No.	Time	Source	Destination	Protocol	Length	PD	PTTL Mo		
	1 2022-08-04 08:18:24 572548869	192.168.247.100	192.168.247.102	TCMP	128	8x6898 (24734)	255 Echo (ning) rec	quest	id=8v897h, seq=8/8, ttl=255 (no response foundl)
	2 2022-00-04 00-10-24-572540005	192.169.247.100	192.169.247.102	TCMP	118	8x689a (24734)	255 Echo (ping) rec	quest	id=0x007b, seq=0/0, ttl=255 (no response foundl)
	2 2022-00-04 00-10-24 572306630	102 169 247 100	102 169 247 102	TCMD	129	0x600f (24734)	255 Echo (ping) rec	quest	id=0x007b, seq=0/0, cc1=255 (no response found))
	4 2022-08-04 08:18:24 573287640	192.168.247.100	192.168.247.102	TCMP	118	except (24735)	255 Echo (ping) rec	quest	id=0x007b, seq=1/256, ttl=255 (no response foundl)
	5 2022-00-04 00-10-24-575207040	102 169 247 100	102.169.247.102	TCMD	129	8x6838 (24735)	255 Echo (ping) rec	quest	id=0x007b, seq=2/512 ttl=255 (no response found1)
	6 3032-00-04 00:10:24.575705740	102 169 247 100	102 169 247 102	TCMD	110	0x60a0 (24736)	255 Echo (ping) re	quest	id-0x007b, seq=2/512, ttl=255 (no response found))
	7 2022-08-04 08:18:24.5/5/95/48	192.108.247.100	192.108.247.102	TCMD	110	0x00a0 (24730)	255 Echo (ping) rea	quest	id=0x0070, seq=2/312, t(1=235 (no response found))
	7 2022-08-04 08:18:24.574308038 9 3033 09 04 09:19:34 574300574	192.108.247.100	192.108.247.102	TCMD	110	0x00a1 (24737)	255 Echo (ping) rei	quest	id-0x007b, seq=3/768, ttl=255 (no response found))
	8 2022-08-04 08:18:24.574309574	192.108.247.100	192.108.247.102	TCHP	110	0x0001 (24/3/)	255 Echo (ping) rea	quest	id-0x007b, seq=5/708, (C1=255 (no response found))
	9 2022-08-04 08:18:24.574914512	192.108.247.100	192.108.247.102	TCHP	128	0x00a2 (24738)	255 Echo (ping) ree	quest	id cuporth and 4/1024, ttl=255 (no response found))
	10 2022-08-04 08:18:24.574915415	192.168.247.100	192.168.247.102	TCHP	118	0x00a2 (24/38)	255 Echo (ping) ree	quest	id exects seq=4/1024, ttl=255 (no response found))
	11 2022-08-04 08:18:24.5/5442509	192.168.247.100	192.168.247.102	ICMP	128	0x60a3 (24/39)	255 Echo (ping) ree	quest	1d=0x007b, seq=5/1280, ttl=255 (no response found))
	12 2022-08-04 08:18:24.575443601	192.168.247.100	192.168.247.102	ICMP	118	0x60a3 (24739)	255 Echo (ping) red	quest	1d=0x007b, seq=5/1280, ttl=255 (no response found!)
	13 2022-08-04 08:18:24.575918119	192.168.247.100	192.168.247.102	ICMP	128	0x60a4 (24740)	255 Echo (ping) red	quest	1d=0x007b, seq=6/1536, ttl=255 (no response found!)
	14 2022-08-04 08:18:24.575919057	192.168.247.100	192.168.247.102	ICMP	118	0x60a4 (24740)	255 Echo (ping) ree	quest	1d=0x007b, seq=6/1536, ttl=255 (no response found!)
	15 2022-08-04 08:18:24.576407671	192.168.247.100	192.168.247.102	ICMP	128	0x60a5 (24741)	255 Echo (ping) ree	quest	id=0x007b, seq=7/1792, ttl=255 (no response found!)
	16 2022-08-04 08:18:24.576408585	192.168.247.100	192.168.247.102	ICMP	118	0x60a5 (24741)	255 Echo (ping) ree	quest	id=0x007b, seq=7/1792, ttl=255 (no response found!)
	17 2022-08-04 08:18:24.576885643	192.168.247.100	192.168.247.102	ICMP	128	0x60a6 (24742)	255 Echo (ping) ree	quest	id=0x007b, seq=8/2048, ttl=255 (no response found!)
	18 2022-08-04 08:18:24.576886561	192.168.247.100	192.168.247.102	ICMP	118	0x60a6 (24742)	255 Echo (ping) ree	quest	id=0x007b, seq=8/2048, ttl=255 (no response found!)
	19 2022-08-04 08:18:24.577394328	192.168.247.100	192.168.247.102	ICMP	128	0x60a7 (24743)	255 Echo (ping) ree	quest	id=0x007b, seq=9/2304, ttl=255 (no response found!)
	20 2022-08-04 08:18:24.577395234	192.168.247.100	192.168.247.102	ICMP	118	0x60a7 (24743)	255 Echo (ping) rea	quest	id=0x007b, seq=9/2304, ttl=255 (no response found!)
	21 2022-08-04 08:18:24.577987632	192.168.247.100	192.168.247.102	ICMP	128	0x60a8 (24744)	255 Echo (ping) rea	quest	id=0x007b, seq=10/2560, ttl=255 (no response found!)
	22 2022-08-04 08:18:24.577989290	192.168.247.100	192.168.247.102	ICMP	118	0x60a8 (24744)	255 Echo (ping) rea	quest	id=0x007b, seq=10/2560, ttl=255 (no response found!)
	23 2022-08-04 08:18:24.578448781	192.168.247.100	192.168.247.102	ICMP	128	0x60a9 (24745)	255 Echo (ping) rea	quest	id=0x007b, seq=11/2816, ttl=255 (no response found!)
	24 2022-08-04 08:18:24.578449909	192.168.247.100	192.168.247.102	ICMP	118	0x60a9 (24745)	255 Echo (ping) rea	quest	id=0x007b, seq=11/2816, ttl=255 (no response found!)
	25 2022-08-04 08:18:24.578900043	192.168.247.100	192.168.247.102	ICMP	128	0x60aa (24746)	255 Echo (ping) rea	quest	id=0x007b, seq=12/3072, ttl=255 (no response found!)
	26 2022-08-04 08:18:24.578900897	192.168.247.100	192.168.247.102	ICMP	118	0x60aa (24746)	255 Echo (ping) rea	quest	id=0x007b, seq=12/3072, ttl=255 (no response found!)
	27 2022-08-04 08:18:24.579426962	192.168.247.100	192.168.247.102	ICMP	128	0x60ab (24747)	255 Echo (ping) rea	quest	id=0x007b, seq=13/3328, ttl=255 (no response found!)
έI									and the first of the state
						5 11 6			
2	Frame 1: 128 bytes on wire (1024 bits), 128 bytes capt	tured (1024 bits) o	n interface	capture_ue_	_3, 10 0		0000	az /6 tz 00 00 10 00 1/ 0t 06 ec 00 89 26 80 30 .V
2	Ethernet II, Src: Cisco d6:ec:00 (00:	17:df:d6:ec:00),	Dst: a2:76:+2:00:0	0:1c (a2:76:	12:00:00:10	c)		0010	60 00 81 00 03 e9 81 00 00 CT 08 00 45 00 00 04
1	vn- rag		and the second second					0030	08 00 e5 c8 00 7h 00 00 00 00 00 02 4d 8c 4a 78
	1	= Direction	: From Bridge	_				0040	ab cd
	.0	= Pointer:	vit_id	_				0050	ab cd
	00 0000 0011 1101	= Destinati	on: 61					0060	ab cd
	···· ··· ···· ··· ··· 0 ····	= Looped: N	0	4				0070	ab cd
	0	<pre> = Reserved:</pre>	0						
		<pre> = Version:</pre>	9	_					
	0000 0000	0000 = Source: 0		_					
L	Type: 802.1Q Virtual LAN (0x8100)								
M	802.1Q Virtual LAN, PRI: 0, DEI: 0, I	D: 1001							
	000 Bes	st Effort (defaul	t) (0)	2					
	0 = DEI: Ineligit	ole		31					
	0011 1110 1001 = ID: 1001			-					
	Type: 802.1Q Virtual LAN (0x8100)								
1	802.1Q Virtual LAN, PRI: 0, DEI: 0, I	D: 207							
П	000 Bes	st Effort (defaul	t) (0)						
	0 = DEI: Ineligit	ole							
	0000 1100 1111 = ID: 207			2					
	Type: IPv4 (0x0800)			4					
>	Internet Protocol Version 4, Src: 192	.168.247.100, Dst	: 192.168.247.102						
	Internet Control Message Protocol								
Ľ									

Selecione o segundo pacote e verifique os pontos principais:

- 1. Somente os pacotes ICMP de solicitação de eco são capturados. Cada pacote é capturado e mostrado 2 vezes.
- 2. O cabeçalho do pacote original tem a marca de VLAN 207.

No	h	Time	Source	Destination	Protocol	Length	1P 1D	JP TTL Info		
L.	- 1	2022-08-04 08:18:24.572548869	192.168.247.100	192.168.247.102	ICMP	128	0x609e (24734)	255 Echo (ping) rea	quest	id=0x007b, seq=0/0, ttl=255 (no response found!)
	2	2 2022-08-04 08:18:24.572550073	192.168.247.100	192.168.247.102	ICMP	118	0x609e (24734)	255 Echo (ping) ree	quest	id=0x007b, seq=0/0, ttl=255 (no response found!)
	3	2022-08-04 08:18:24.573286630	192.168.247.100	192.168.247.102	ICMP	128	0x609f (24735)	255 Echo (ping) rea	quest	id=0x007b, seq=1/256, ttl=255 (no response found!)
	4	2022-08-04 08:18:24.573287640	192.168.247.100	192.168.247.102	ICMP	118	0x609f (24735)	255 Echo (ping) rea	quest	id=0x007b, seq=1/256, ttl=255 (no response found!)
	5	2022-08-04 08:18:24.573794751	192.168.247.100	192.168.247.102	ICMP	128	0x60a0 (24736)	255 Echo (ping) rea	quest	id=0x007b, seq=2/512, ttl=255 (no response found!)
	6	5 2022-08-04 08:18:24.573795748	192.168.247.100	192.168.247.102	ICMP	118	0x60a0 (24736)	255 Echo (ping) rea	quest	id=0x007b, seq=2/512, ttl=255 (no response found!)
	7	2022-08-04 08:18:24.574368638	192.168.247.100	192.168.247.102	ICMP	128	0x60a1 (24737)	255 Echo (ping) rea	quest	id=0x007b, seq=3/768, ttl=255 (no response found!)
	8	3 2022-08-04 08:18:24.574369574	192.168.247.100	192.168.247.102	ICMP	118	0x60a1 (24737)	255 Echo (ping) rea	quest	id=0x007b, seq=3/768, ttl=255 (no response found!)
	9	2022-08-04 08:18:24.574914512	192.168.247.100	192.168.247.102	ICMP	128	0x60a2 (24738)	255 Echo (ping) rea	quest	id=0x007b, seq=4/1024, ttl=255 (no response found!)
	10	2022-08-04 08:18:24.574915415	192.168.247.100	192.168.247.102	ICMP	118	0x60a2 (24738)	255 Echo (ping) rea	quest	id=0x007b, seq=4/1024, ttl=255 (no response found!)
	11	2022-08-04 08:18:24.575442569	192.168.247.100	192.168.247.102	ICMP	128	0x60a3 (24739)	255 Echo (ping) red	quest	id=0x007b, seq=5/1280, ttl=255 (no response found!)
	12	2 2022-08-04 08:18:24.575443601	192.168.247.100	192.168.247.102	ICMP	118	0x60a3 (24739)	255 Echo (ping) ree	quest	id=0x007b, seq=5/1280, ttl=255 (no response found!)
	13	2022-08-04 08:18:24.575918119	192.168.247.100	192.168.247.102	ICMP	128	0x60a4 (24740)	255 Echo (ping) red	quest	id=0x007b, seq=6/1536, ttl=255 (no response found!)
	14	2022-08-04 08:18:24.575919057	192.168.247.100	192.168.247.102	ICMP	118	0x60a4 (24740)	255 Echo (ping) rea	quest	id=0x007b, seq=6/1536, ttl=255 (no response found!)
	15	2022-08-04 08:18:24.576407671	192.168.247.100	192.168.247.102	ICMP	128	0x60a5 (24741)	255 Echo (ping) red	quest	id=0x007b, seq=7/1792, ttl=255 (no response found!)
	16	5 2022-08-04 08:18:24.576408585	192.168.247.100	192.168.247.102	ICMP	118	0x60a5 (24741)	255 Echo (ping) rea	quest	id=0x007b, seq=7/1792, ttl=255 (no response found!)
	17	2022-08-04 08:18:24.576885643	192.168.247.100	192.168.247.102	ICMP	128	0x60a6 (24742)	255 Echo (ping) rea	quest	id=0x007b, seq=8/2048, ttl=255 (no response found!)
	18	3 2022-08-04 08:18:24.576886561	192.168.247.100	192.168.247.102	ICMP	118	0x60a6 (24742)	255 Echo (ping) rea	quest	id=0x007b, seq=8/2048, ttl=255 (no response found!)
	19	2022-08-04 08:18:24.577394328	192.168.247.100	192.168.247.102	ICMP	128	0x60a7 (24743)	255 Echo (ping) rea	quest	id=0x007b, seq=9/2304, ttl=255 (no response found!)
	28	2022-08-04 08:18:24.577395234	192.168.247.100	192.168.247.102	ICMP	118	0x60a7 (24743)	255 Echo (ping) rea	quest	id=0x007b, seq=9/2304, ttl=255 (no response found!)
	21	2022-08-04 08:18:24.577987632	192.168.247.100	192.168.247.102	ICMP	128	0x60a8 (24744)	255 Echo (ping) rea	quest	id=0x007b, seq=10/2560, ttl=255 (no response found!)
	22	2022-08-04 08:18:24.577989290	192.168.247.100	192.168.247.102	ICMP	118	0x60a8 (24744)	255 Echo (ping) rea	quest	id=0x007b, seq=10/2560, ttl=255 (no response found!)
	23	8 2022-08-04 08:18:24.578448781	192.168.247.100	192.168.247.102	ICMP	128	0x60a9 (24745)	255 Echo (ping) ree	quest	id=0x007b, seq=11/2816, ttl=255 (no response found!)
	24	2022-08-04 08:18:24.578449909	192.168.247.100	192.168.247.102	ICMP	118	0x60a9 (24745)	255 Echo (ping) ree	quest	id=0x007b, seq=11/2816, ttl=255 (no response found!)
	25	2022-08-04 08:18:24.578900043	192.168.247.100	192.168.247.102	ICMP	128	0x60aa (24746)	255 Echo (ping) ree	quest	id=0x007b, seq=12/3072, ttl=255 (no response found!)
	26	2022-08-04 08:18:24.578900897	192.168.247.100	192.168.247.102	ICMP	118	0x60aa (24746)	255 Echo (ping) ree	quest	id=0x007b, seq=12/3072, ttl=255 (no response found!)
	27	2022-08-04 08:18:24.579426962	192.168.247.100	192.168.247.102	ICMP	128	0x60ab (24747)	255 Echo (ping) red	quest	id=0x007b, seq=13/3328, ttl=255 (no response found!)
< l										
R	Enamo	2: 119 buter on wine (044 bitr)	110 butor conti	and (044 hits) on i	intenface cant	. 64 634	id a			22 76 f2 00 00 1c 00 17 df d6 oc 00 01 00 00 cf
10	Ethorn	2: 118 bytes on wire (944 bits)	, 118 bytes capto	Det: 33:76:63:00:00	anterrace capt	ure_uo_s,	, 10 0		0000	98 99 45 99 99 64 69 9e 99 99 ff 91 ea dd c9 a8
ú	802.10	Victual LAN DRI: 0 DEL: 0 T	D: 207	051. 02.70.12.00.00			.)		0020	f7 64 c0 a8 f7 66 08 00 e5 c8 00 7b 00 00 00 00 .df.
ľ	002.10	- Deionitus Ros	t Effort (dofau)	t) (0)					0030	00 02 4d 8c 4a 78 ab cd ab cd ab cd ab cd ab cdM-Jx
	000	a - DET: Ineligik	le	() (0)					0040	ab cd
		0000 1100 1111 - TD: 207	10		2				0050	ab cd
	Type	e: TPv4 (0x0800)			4				0060	ab cd
1.	Intern	at Protocol Version 4. Src: 192	169 247 100 Dst	102 168 247 102					0070	ab cd ab cd ab cd
1	Intern	net Control Message Protocol	10012471100, 051							
1	and the second	let control heshage protocol								
Ľ	_									
_										

Explicação

Quando uma captura de pacote em uma interface frontal é configurada, o switch captura simultaneamente cada pacote duas vezes:

- Após a inserção da marca da porta VLAN.
- Após a inserção da tag VN.

Na ordem de operações, a tag VN é inserida em um estágio posterior à inserção da tag VLAN da porta. Mas no arquivo de captura, o pacote com a marca VN é mostrado antes do pacote com a marca VLAN da porta. Além disso, no caso de subinterfaces, nos arquivos de captura, cada segundo pacote não contém a marca da porta VLAN.

Esta tabela resume a tarefa:

Tarefa	Ponto de captura	VLAN de porta interna em pacotes capturados	Direção	Tráfego capturado
Configurar e verificar uma captura de pacote na subinterface Ethernet1/2.205	Ethernet1/ 2.205	102	Soment e entrada	Solicitações de eco ICMP do ho 192.0.2.100 para o host 198.51.100.100
Configurar e verificar uma captura de pacote na subinterface Portchannel1 com as interfaces membro Ethernet1/3 e Ethernet1/4	Ethernet1/ 3 Ethernet1/ 4	1001	Soment e entrada	Solicitações de eco ICMP de 192.168.207.100 para o host 192.168.207.102

Filtros de captura de pacotes

Use o FCM e a CLI para configurar e verificar uma captura de pacote na interface Ethernet1/2 com um filtro.

Topologia, fluxo de pacotes e pontos de captura



Configuração

FCM

Siga estas etapas no FCM para configurar um filtro de captura para pacotes de solicitação de eco ICMP do host 192.0.2.100 para o host 198.51.100.100 e aplicá-lo à captura de pacotes na interface Ethernet1/2:

- 1. Use **Tools > Packet Capture > Filter List > Add Filter** para criar um filtro de captura.
- 2. Especifique o Nome do filtro, Protocolo, IPv4 origem, IPv4 destino e clique em Salvar:

Cepture Session Filter List	Help admin	
Control Session Edit Packet Filter IPv6 Protocol Inter vian Outer vian Conter vian <th></th>		
To To Protocol Inter Van Cuter vlan Cuter vlan <th co<="" th=""><th></th></th>	<th></th>	
Titler Name MAC IP+4 IP+6 Pert IAAC IP+6 IP+6 Pertected Date: vian Outer vian Ether Type filter_jone 000000000000000000000000000000000000	Filter	
MAC IP+6 IP+6 MAC IP+6 I		
Edit Packet Filter (*) 8 Filter Name* (*) 700 Protocol 1090_004 v EtherType Any v Inner vlan 0 Outer vlan 0 Source Destrution Firv4 192.0-2.100 IPv4 196.51.100.100 IPv6 II	18	
Edit Packet Filter Filter Name* filter_comp Protocol ID9*_3PV EtherType Any Inner vlan 0 Outer vlan 0 Source Destnation IPv4 192.0.2.100 IPv4 IPv6 II IPv6		
Edit Packet Filter Filter Name* filter_cmp Protocol IDMP_SPV EtherType Any Inner vlan Ø Outer vlan Ø Source Destnation IPv4 192.0.2.100 IPv4 198.51.100.100 IPv6 II IPv6 II		
Ether Name* filter Name* filter Same* Protocol 120#_BP4 v EtherType Any Inner vlan 0 Outer vlan 0 Source Destruition IPv4 192.0.2.100 IPv6 II		
Index Rame Titel_OTP Protocol ICMP_PP4 Ether/Type Any Inner vian 0 Source Destruction IPv4 192.0.2.100 IPv6 11		
Interview Interview EtherType Any Innerview Outer vian Source Destruction IPv4 192.0.2.100 IPv6 11		
Inner vlan 0 Outer vlan 0 Source Destruction 1Pv4 192.0.2.100 1Pv4 198.51.100.100 1Pv6 11 1Pv6 11		
Source Destruction 1Pv4 192.0.2.100 1Pv4 198.51.100.100 1Pv6 11 1Pv6 11		
IPv4 192.0.2.100 IPv4 196.51.100.100 IPv6 II IPv6 II		
1Pv6 :: 1Pv6 ::		
Port 0 Port 0		
MAC 00:00:00:00:00 MAC 00:00:00:00		
Sava Cancel		

3. Use Tools > Packet Capture > Capture Session para criar uma nova sessão de captura:

Overview Interfaces Logical Devices Security Engine Platform Settings	System	Tools Help admin
	Packet Capture	Troubleshooting Logs
Capture Session Filter List		
C Refresh	Capture Session Dele	te All Sessions
No Session available		

4. Selecione Ethernet1/2, forneça o **Nome da Sessão,** aplique o filtro de captura e clique em **Salvar e Executar** para ativar a captura:

Overview Interfaces Logical Devices Security Engine Platform Settings	System Tools Help admin
Select an instance: ftd1 💙	Save and Run Save Cancel
ftd1	Session Name* cap1 Selected Interfaces Ethernet1/2 Buffer Size 256 MB Snap length: 1518 Store Packets Overwrite
Ethernet1/3 FTD Ethernet1/9, Ethernet1/10	Capture Filter Capture All Apply Filter Capture All Apply Filter Create Filter Apply Filter_cmp To Ethemet1/2 V
Ethemati/i	

CLI FXOS

Siga estas etapas na CLI FXOS para configurar capturas de pacotes em interfaces de backplane:

1. Identificar o tipo de aplicativo e o identificador:

 Deploy Type Turbo Mode Profile Name Cluster State
 Cluster Role

 ftd
 ftdl
 1
 Enabled
 Online
 7.2.0.82
 7.2.0.82

 Native
 No
 Not Applicable
 None

2. Identifique o número do protocolo IP em <u>https://www.iana.org/assignments/protocol-numbers.xhtml</u>. Nesse caso, o número do protocolo ICMP é 1.

3. Criar uma sessão de captura:

2.	
firepower# scope packet-capture	
firepower /packet-capture # create :	filter filter_icmp
firepower /packet-capture/filter* #	set destip 198.51.100.100
firepower /packet-capture/filter* #	set protocol 1
firepower /packet-capture/filter* #	set srcip 192.0.2.100
firepower /packet-capture/filter* #	exit
firepower /packet-capture* # create	session cap1
firepower /packet-capture/session*	<pre>t create phy-port Ethernet1/2</pre>
firepower /packet-capture/session/pl	ny-port* # set app ftd
firepower /packet-capture/session/pl	ny-port* # set app-identifier ftd1
firepower /packet-capture/session/pl	ny-port* # set filter filter_icmp
firepower /packet-capture/session/pl	ny-port* # exit
firepower /packet-capture/session* ;	# enable
firepower /packet-capture/session* =	# commit
firepower /packet-capture/session #	

Verificação

FCM

Verifique o **nome da interface**, certifique-se de que o **status operacional** esteja ativo e que o **tamanho do arquivo (em bytes)** aumente:

Overview Inter	faces Logical Devices Se	ecurity Engine Plat	form Settings									System Tools	Help admin
Capture Session	Capture Session Filter List												
Filter List	Filter List Ad Filter												
Filter Name		From				Тө			Protocol	Inner vlan	Outer vlan	EtherType	
	MAC	IPv4	IPv6	Port	MAC	IPv4	IPv6	Port					
filter_icmp	00:00:00:00:00:00	192.0.2.100		0	00:00:00:00:00:00	198.51.100.100		0	1	0	0	0	/8

Verifique o Nome da interface, o **Filtro**, certifique-se de que o **Status operacional** esteja ativo e o Tamanho do arquivo (em bytes) aumente em Ferramentas > Captura de pacote > Capturar sessão:

Overview Interfaces L	ogical Devices Security Engi	ne Platform Settings					System Tools Help admin
	_						
Capture Session Filter List							
						C Refresh Capture Session	Delete All Sessions
🔺 🗻 cap1	Drop Count: 0	C	Operational State: up		Buffer Size: 256 MB	Snap Length: 1518 Bytes	
Interface Name	Filter	File Size (in bytes)	File Name	Device Name			
Ethernet1/2	filter_icmp	84340	cap1-ethernet-1-2-0.pcap	ftd1	*		

CLI FXOS

Verifique os detalhes da captura em scope packet-capture:

Configure a filter for packet capture: Name: filter_icmp Protocol: 1 Ivlan: 0 Ovlan: 0 Src Ip: 192.0.2.100 Dest Ip: 198.51.100.100 Src MAC: 00:00:00:00:00:00 Dest MAC: 00:00:00:00:00:00 Src Port: 0 Dest Port: 0 Ethertype: 0 Src Ipv6: :: Dest Ipv6: :: firepower /packet-capture # show session cap1 Traffic Monitoring Session: Packet Capture Session Name: cap1 Session: 1 Admin State: Enabled Oper State: Up Oper State Reason: Active Config Success: Yes Config Fail Reason: Append Flag: Overwrite Session Mem Usage: 256 MB Session Pcap Snap Len: 1518 Bytes Error Code: 0 Drop Count: 0 Physical ports involved in Packet Capture: Slot Id: 1 Port Id: 2 Pcapfile: /workspace/packet-capture/session-1/cap1-ethernet-1-2-0.pcap Pcapsize: 213784 bytes Filter: filter_icmp Sub Interface: 0 Application Instance Identifier: ftd1 Application Name: ftd Coletar arquivos de captura

Siga as etapas na seção Coletar arquivos de captura do switch interno Firepower 4100/9300.

Capturar análise de arquivo

Use um aplicativo leitor de arquivo de captura de pacote para abrir o arquivo de captura. Selecione o primeiro pacote e verifique os pontos principais

- 1. Somente os pacotes ICMP de solicitação de eco são capturados. Cada pacote é capturado e mostrado 2 vezes.
- 2. O cabeçalho do pacote original está sem a marca VLAN.
- 3. O switch interno insere a tag de VLAN de porta adicional **102** que identifica a interface de entrada Ethernet1/2.
- 4. O switch interno insere uma marca VN adicional.

No. Time	Source	Destination	Protocol	Length	IP ID	1	P TTL Info					^
1 2022-08-02 15:46:55.603277760	192.0.2.100	198.51.100.100	ICMP	108 -	0x0012 ((18)	64 Echo (ping) request	id=0x0018,	seq=349/23809,	ttl=64 (n	o r
2 2022-08-02 15:46:55.603279688	192.0.2.100	198.51.100.100	ICMP	102	0x0012 ((18)	64 Echo (ping) request	id=0x0018,	seq=349/23809,	ttl=64 (n	or
3 2022-08-02 15:46:56.627139252	192.0.2.100	198.51.100.100	ICMP	108	0x00db ((219)	64 Echo (ping) request	id=0x0018,	seq=350/24065,	ttl=64 (m	or
4 2022-08-02 15:46:56.627140919	192.0.2.100	198.51.100.100	ICMP	102	0x00db ((219)	64 Echo (ping) request	id=0x0018,	seq=350/24065,	ttl=64 (n	or
5 2022-08-02 15:46:57.651185193	192.0.2.100	198.51.100.100	ICMP	108	0x01cb ((459)	64 Echo (ping) request	id=0x0018,	seq=351/24321,	ttl=64 (n	or
6 2022-08-02 15:46:57.651186787	192.0.2.100	198.51.100.100	ICMP	102	0x01cb ((459)	64 Echo (ping) request	id=0x0018,	seq=351/24321,	ttl=64 (n	or
7 2022-08-02 15:46:58.675153317	192.0.2.100	198.51.100.100	ICMP	108	0x01d6 ((470)	64 Echo (ping) request	id=0x0018,	seq=352/24577,	ttl=64 (n	or
8 2022-08-02 15:46:58.675154503	192.0.2.100	198.51.100.100	ICMP	102	0x01d6 ((470)	64 Echo (ping) request	id=0x0018,	seq=352/24577,	ttl=64 (n	or
9 2022-08-02 15:46:59.699152639	192.0.2.100	198.51.100.100	ICMP	108	0x01f4 ((500)	64 Echo (ping) request	id=0x0018,	seq=353/24833,	ttl=64 (n	or
10 2022-08-02 15:46:59.699153835	192.0.2.100	198.51.100.100	ICMP	102	0x01f4 ((500)	64 Echo (ping) request	id=0x0018,	seq=353/24833,	ttl=64 (n	or
11 2022-08-02 15:47:00.723142641	192.0.2.100	198.51.100.100	ICMP	108	0x01f9 ((505)	64 Echo (ping) request	id=0x0018,	seq=354/25089,	ttl=64 (n	or
12 2022-08-02 15:47:00.723144643	192.0.2.100	198.51.100.100	ICMP	102	0x01f9 ((505)	64 Echo (ping) request	id=0x0018,	seq=354/25089,	ttl=64 (n	or
13 2022-08-02 15:47:01.747162204	192.0.2.100	198.51.100.100	ICMP	108	0x026e ((622)	64 Echo (ping) request	id=0x0018,	seq=355/25345,	ttl=64 (n	or
14 2022-08-02 15:47:01.747163783	192.0.2.100	198.51.100.100	ICMP	102	0x026e ((622)	64 Echo (ping) request	id=0x0018,	seq=355/25345,	ttl=64 (n	or
15 2022-08-02 15:47:02.771209952	192.0.2.100	198.51.100.100	ICMP	108	0x02bc ((700)	64 Echo (ping) request	id=0x0018,	seq=356/25601,	ttl=64 (n	or
16 2022-08-02 15:47:02.771211062	192.0.2.100	198.51.100.100	ICMP	102	0x02bc ((700)	64 Echo (ping) request	id=0x0018,	seq=356/25601,	ttl=64 (n	or
17 2022-08-02 15:47:03.772258550	192.0.2.100	198.51.100.100	ICMP	108	0x032f ((815)	64 Echo (ping) request	id=0x0018,	seq=357/25857,	ttl=64 (n	or
18 2022-08-02 15:47:03.772259724	192.0.2.100	198.51.100.100	ICMP	102	0x032f ((815)	64 Echo (ping) request	id=0x0018,	seq=357/25857,	ttl=64 (n	or
19 2022-08-02 15:47:04.791118519	192.0.2.100	198.51.100.100	ICMP	108	0x040f ((1039)	64 Echo (ping) request	id=0x0018,	seq=358/26113,	ttl=64 (n	or
20 2022-08-02 15:47:04.791119721	192.0.2.100	198.51.100.100	ICMP	102	0x040f ((1039)	64 Echo (ping) request	id=0x0018,	seq=358/26113,	ttl=64 (n	or v
<												>
> Frame 1: 108 bytes on wire (864 bi	ts), 108 bytes ca	ptured (864 bits) o	n interface c	apture_u0_	1, i 000	00 58 97 b	d b9 77 0e 00 !	0 56 9d e	8 be 89 26	80 0a X · · · w · ·	P V · · · · & · ·	
> Ethernet II, Src: VMware 9d:e8:be	(00:50:56:9d:e8:b	e), Dst: Cisco b9:7	7:0e (58:97:b	d:b9:77:0e) 001	10 00 00 8	1 00 00 66 08	0 45 00 0	00 54 00 12	40 00 ·····f·	• E••T••@	e – 1
VN-Tag					002	20 40 01 40	d 9b c0 00 02 (64 c6 33 6	64 68 60	9e 67 @·M····	d · 3dd · · · r	;
1	= Direct:	ion: From Bridge			003	30 00 18 0 3	1 5d e2 46 e9 (2 00 00 0	00 00 c1 a6	0c 00 ···]·F·	b	
.0	= Pointer	r: vif_id			004	40 00 00 00	0 00 10 11 12	3 14 15 1	6 17 18 19	1a 1b	- 49/01/18	
00 0000 0000 1010	= Destina	ation: 10			005	50 10 10 10	e 1f 20 21 22 .	3 24 25 4	6 27 28 29	2a 20 !	# \$%& ()~4	
0 0	= Looped	: No 🛛 🗛			000	00 2C 2U 20	e zr 30 31 32 .	3 34 35 3	50 37	,/012	3 4567	
0	= Reserve	ed: 0										
00	= Version	n: 0										
0000 00	00 0000 = Source:	. 0										
Type: 802.1Q Virtual LAN (0x8100)											
802.1Q Virtual LAN, PRI: 0, DEI: 0	, ID: 102											
000 = Priority:	Best Effort (defa	ault) (0)										
0 = DEI: Ineli	gible	3										
0000 0110 0110 = ID: 102												
Type: IPv4 (0x0800)												
> Internet Protocol Version 4, Src: :	192.0.2.100, Dst:	198.51.100.100										
> Internet Control Message Protocol		2										
<					>							

Selecione o segundo pacote e verifique os pontos principais:

- 1. Somente os pacotes ICMP de solicitação de eco são capturados. Cada pacote é capturado e mostrado 2 vezes.
- 2. O cabeçalho do pacote original está sem a marca VLAN.
- 3. O switch interno insere a tag de VLAN de porta adicional **102** que identifica a interface de entrada Ethernet1/2.

1 2022-08-02 15:46:55.603277760 192.0.2.100 198.51.100.100 ICMP 108 1 00012 (18) 64 Echo (ping) request id=0x0018, seq=349/23809, ttl=64 0x0012 (18) 64 Echo (ping) request id=0x0018, seq=349/23809, ttl=64 0x0012 (18) 64 Echo (ping) request id=0x0018, seq=349/23809, ttl=64	or or
2 2022-08-02 15:46:55.603279688 192.0.2.100 198.51.100.100 ICMP 102 0x0012 (18) 64 Echo (ping) request id=0x0018, seq=349/23809, ttl=64	or
3 2022-08-02 15:46:56.627139252 192.0.2.100 198.51.100.100 ICMP 108 0x00db (219) 64 Echo (ping) request id=0x0018, seq=350/24065, ttl=64	or
4 2022-08-02 15:46:56.627140919 192.0.2.100 198.51.100.100 ICMP 102 0x00db (219) 64 Echo (ping) request id=0x0018, seq=350/24065, ttl=64	or
5 2022-08-02 15:46:57.651185193 192.0.2.100 198.51.100.100 ICMP 108 0x01cb (459) 64 Echo (ping) request id=0x0018, seq=351/24321, ttl=64	or
6 2022-08-02 15:46:57.651186787 192.0.2.100 198.51.100.100 ICMP 102 0x01cb (459) 64 Echo (ping) request id=0x0018, seq=351/24321, ttl=64	or
7 2022-08-02 15:46:58.675153317 192.0.2.100 198.51.100.100 ICMP 108 0x01d6 (470) 64 Echo (ping) request id=0x0018, seq=352/24577, ttl=64	or
8 2022-08-02 15:46:58.675154503 192.0.2.100 198.51.100.100 ICMP 102 0x01d6 (470) 64 Echo (ping) request id=0x0018, seq=352/24577, ttl=64	or
9 2022-08-02 15:46:59.699152639 192.0.2.100 198.51.100.100 ICMP 108 0x01f4 (500) 64 Echo (ping) request id=0x0018, seq=353/24833, ttl=64	or
10 2022-08-02 15:46:59.699153835 192.0.2.100 198.51.100.100 ICMP 102 0x01f4 (500) 64 Echo (ping) request id=0x0018, seq=353/24833, ttl=64	or
11 2022-08-02 15:47:00.723142641 192.0.2.100 198.51.100.100 ICMP 108 0x01f9 (505) 64 Echo (ping) request id=0x0018, seq=354/25089, ttl=64	or
12 2022-08-02 15:47:00.723144643 192.0.2.100 198.51.100.100 ICMP 102 0x01f9 (505) 64 Echo (ping) request id=0x0018, seq=354/25089, ttl=64	or
13 2022-08-02 15:47:01.747162204 192.0.2.100 198.51.100.100 ICMP 108 0x026e (622) 64 Echo (ping) request id=0x0018, seq=355/25345, ttl=64	or
14 2022-08-02 15:47:01.747163783 192.0.2.100 198.51.100.100 ICMP 102 0x026e (622) 64 Echo (ping) request id=0x0018, seq=355/25345, ttl=64	or
15 2022-08-02 15:47:02.771209952 192.0.2.100 198.51.100.100 ICMP 108 0x02bc (700) 64 Echo (ping) request id=0x0018, seq=356/25601, ttl=64	or
16 2022-08-02 15:47:02.771211062 192.0.2.100 198.51.100.100 ICMP 102 0x02bc (700) 64 Echo (ping) request id=0x0018, seq=356/25601, ttl=64	or
17 2022-08-02 15:47:03.772258550 192.0.2.100 198.51.100.100 ICMP 108 0x032f (815) 64 Echo (ping) request id=0x0018, seq=357/25857, ttl=64	or
18 2022-08-02 15:47:03.772259724 192.0.2.100 198.51.100.100 ICMP 102 0x032f (815) 64 Echo (ping) request id=0x0018, seq=357/25857, ttl=64	or
19 2022-08-02 15:47:04.791118519 192.0.2.100 198.51.100.100 ICMP 108 0x040f (1039) 64 Echo (ping) request id=0x0018, seq=358/26113, ttl=64	or
20 2022-08-02 15:47:04.791119721 192.0.2.100 198.51.100.100 ICMP 102 0x040f (1039) 64 Echo (ping) request id=0x0018, seq=358/26113, ttl=64	or v
¢	>
> Frame 2: 102 bytes on wire (816 bits), 102 bytes captured (816 bits) on interface capture u0 1, i(0000 58 97 bd b9 77 0e 00 50 56 9d e8 be 81 00 00 66 X ······ P V ·····	
> Ethernet II, Src: VMware 9d:e8:be (00:50:56:9d:e8:be), Dst: Cisco b9:77:0e (58:97:bd:b9:77:0e) 0010 08 00 45 00 00 54 00 12 40 00 40 01 4d 9b c0 00 E. T. @ @ M	
v 802.10 Virtual LAN, PRI: 0, DEI: 0, ID: 102	1
000 = Priority: Best Effort (default) (0) 0030 e9 62 00 00 00 00 c1 a6 0c 00 00 00 00 11 b	
0 = DEI: Ineligible 3	
0000 0110 0110 = ID: 102	۱. J
Type: IPv4 (0x0800) 0060 32 33 34 35 36 37 234567	
> Internet Protocol Version 4, Src: 192.0.2.100, Dst: 198.51.100.100	
> Internet Control Message Protocol 2	

Explicação

Quando uma captura de pacote em uma interface frontal é configurada, o switch captura simultaneamente cada pacote duas vezes:

- Após a inserção da marca da porta VLAN.
- Após a inserção da tag VN.

Na ordem de operações, a tag VN é inserida em um estágio posterior à inserção da tag VLAN da porta. Mas no arquivo de captura, o pacote com a marca VN é mostrado antes do pacote com a marca VLAN da porta.

Quando um filtro de captura é aplicado, somente os pacotes que correspondem ao filtro na direção de entrada são capturados.

Esta tabela resume a tarefa:

Tarefa	Ponto de captura	VLAN de porta interna em pacotes capturados	Direção	Filtro de usuário	Tráfego capturado
Configurar e verificar uma captura de pacote com um filtro na interface Ethernet1/2 frontal	Etherne t1/2	102	Soment e entrada	Protocolo: ICMP Fonte:192.0.2. 100 Destino: 198.51.100.100	Solicitações de eco ICMP d 192.0.2.100 para o host 198.51.100.100

Coletar Arquivos De Captura Do Switch Interno Firepower 4100/9300

FCM

Siga estas etapas no FCM para coletar arquivos de captura do switch interno:

1. Clique no botão **Disable Session** para interromper a captura ativa:

Overview	Interfaces	Logical Devices	Security Engine	Platform Settings					Sy	stem	Tools I	Help	admin
Capture Ses	sion Filter Lis	t											
								C Refresh Capt	ure Session	Delete All S	Sessions		
	cap1	Drop Count:	0	Operational State: up		Buffer Size: 256 MB	1	Snap Length: 15	18 Bytes			٩.) (
Interface Na	ame	Filter		File Size (in by	rtes) File Na	me	Device Name						
Ethernet1/2		None		34700	cap1-e	themet-1-2-0.pcap	ftd1		*				

2. Verifique se o estado operacional é **DOWN - Session_Admin_Shut:**

Overview	Interfaces	Logical Devices	Security Engine	Platform Settings				System	Tools	Help	admin
Capture Sess	sion Filter Lis	t									
							Capture Session	Delete Al	Sessions		
	cap1	Drop Count	:: 0	Operational State: DOWN - Session_Admin_S	hut Buffer Size: 256 MB		Snap Length: 1518 Bytes			0	8 🖾
Interface Na	me	Filter		File Size (in bytes)	File Name	Device Name					
Ethernet1/2		None		218828	cap1-ethemet-1-2-0.pcap	ftd1	土				

3. Clique em **Download** para baixar o arquivo de captura:

Overview	Interfaces	Logical Devices	Security Engine	Platform Settings							System	Tools	Help	admin
Capture Ses	ision Fiter Li	st												
									C Refresh	Capture Session	Delete Al	Sessions)	
	cap1	Drop Coun	:: 0	Operational State: D	OWN - Session_Admin_Shut	t Buffer Size	e: 256 MB		Snap Length	: 1518 Bytes			1	8 🔟
Interface Na	ame	Filter		File Size (in	bytes)	File Name		Device Name						
Ethernet1/2		None		218828		cap1-ethemet-1-2-0.p	ocap	ftd1		土				

No caso de interfaces port-channel, repita essa etapa para cada interface membro.

CLI FXOS

Siga estas etapas na CLI FXOS para coletar arquivos de captura:

1. Pare a captura ativa:

```
firepower# scope packet-capture
firepower /packet-capture # scope session cap1
firepower /packet-capture/session # disable
firepower /packet-capture/session* # commit
firepower /packet-capture/session # up
firepower /packet-capture # show session cap1 detail
Traffic Monitoring Session:
  Packet Capture Session Name: cap1
  Session: 1
   Admin State: Disabled
   Oper State: Down
   Oper State Reason: Admin Disable
   Config Success: Yes
   Config Fail Reason:
   Append Flag: Overwrite
   Session Mem Usage: 256 MB
  Session Pcap Snap Len: 1518 Bytes
  Error Code: 0
  Drop Count: 0
Physical ports involved in Packet Capture:
  Slot Id: 1
  Port Id: 2
   Pcapfile: /workspace/packet-capture/session-1/cap1-ethernet-1-2-0.pcap
   Pcapsize: 115744 bytes
   Filter:
   Sub Interface: 0
   Application Instance Identifier: ftd1
   Application Name: ftd
  Carregue o arquivo de captura do escopo do comando local-mgmt:
```

```
firepower# connect local-mgmt
firepower(local-mgmt)# copy /packet-capture/session-1/cap1-ethernet-1-2-0.pcap ?
ftp: Dest File URI
          Dest File URI
http:
          Dest File URI
https:
           Dest File URI
scp:
sftp:
          Dest File URI
          Dest File URI
tftp:
usbdrive: Dest File URI
volatile: Dest File URI
workspace: Dest File URI
firepower(local-mgmt)# copy /packet-capture/session-1/cap1-ethernet-1-2-0.pcap
ftp://ftpuser@10.10.10.1/cap1-ethernet-1-2-0.pcap
```

Password:

No caso de interfaces port-channel, copie o arquivo de captura para cada interface membro.

Diretrizes, limitações e práticas recomendadas para Switch interno Captura do pacote

Para obter diretrizes e limitações relacionadas à captura do switch interno Firepower 4100/9300, consulte o *Guia de configuração do gerenciador de chassi FXOS do Cisco Firepower 4100/9300*

ou oGuia de configuração da CLI FXOS do Cisco Firepower 4100/9300, capítulo Solução de problemas, seção Captura de pacote.

Esta é a lista de práticas recomendadas com base no uso da captura de pacotes em casos de TAC:

- Esteja ciente das diretrizes e limitações.
- Capture pacotes em todas as interfaces de membro de canal de porta e analise todos os arquivos de captura.
- Use filtros de captura.
- Considere o impacto do NAT nos endereços IP do pacote quando um filtro de captura é configurado.
- Aumente ou diminua a Lente de Ajuste que especifica o tamanho do quadro caso seja diferente do valor padrão de 1518 bytes. Um tamanho menor resulta em um número maior de pacotes capturados e vice-versa.
- Ajuste o tamanho do buffer conforme necessário.
- Esteja ciente da **contagem de queda** na CLI FCM ou FXOS. Quando o limite de tamanho do buffer for atingido, o contador de contagem de queda aumentará.
- Use o filtro **!vntag** no Wireshark para exibir somente pacotes sem a marca VN. Isso é útil para ocultar pacotes marcados com VLAN nos arquivos de captura de pacote da interface frontal.
- Use o filtro frame.number&1 no Wireshark para exibir apenas quadros ímpares. Isso é útil para ocultar pacotes duplicados nos arquivos de captura de pacotes da interface do painel traseiro.
- No caso de protocolos como o TCP, o Wireshark aplica por padrão regras de colorização que exibem pacotes com condições específicas em cores diferentes. No caso de capturas de switch internas devido a pacotes duplicados em arquivos de captura, o pacote pode ser colorido e marcado de forma falsa-positiva. Se você analisar os arquivos de captura de pacote e aplicar qualquer filtro, exporte os pacotes exibidos para um novo arquivo e abra o novo arquivo.

Configuração e verificação em Firewall seguro 3100

Diferentemente do Firepower 4100/9300, as capturas de switch interno no Secure Firewall 3100 são configuradas na interface de linha de comando do aplicativo através do comando **capture** <name> switch, onde a opção switch especifica que as capturas são configuradas no switch interno.

Este é o comando capture com a opção switch:

> capture cap_sw switch ?

buffer	Configure size of capture buffer, default is 256MB
ethernet-type	Capture Ethernet packets of a particular type, default is IP
interface	Capture packets on a specific interface
ivlan	Inner Vlan
match	Capture packets based on match criteria
ovlan	Outer Vlan
packet-length	Configure maximum length to save from each packet, default is
	64 bytes
real-time	Display captured packets in real-time. Warning: using this
	option with a slow console connection may result in an

	excessive amount of non-displayed packets due to performance
	limitations.
stop	Stop packet capture
trace	Trace the captured packets
type	Capture packets based on a particular type
<cr></cr>	

As etapas gerais para a configuração da captura de pacotes são as seguintes:

1. Especifique uma interface de entrada:

A configuração de captura do switch aceita o **nome** da interface de entrada. O usuário pode especificar os nomes das interfaces de dados, o uplink interno ou as interfaces de gerenciamento:

> capture capsw switch interface ?

Available interfaces to listen: in_data_uplink1 Capture packets on internal data uplink1 interface in_mgmt_uplink1 Capture packets on internal mgmt uplink1 interface inside Name of interface Ethernet1/1.205

management Name of interface Management1/1

 Especifique o EtherType do quadro ethernet. O EtherType padrão é IP. Os valores da opção ethernet-type especificam o EtherType:

```
> capture capsw switch interface inside ethernet-type ?
802.1Q
<0-65535> Ethernet type
arp
ip
ip6
pppoed
pppoes
rarp
sgt
vlan
```

 Especifique as condições de correspondência. A opção de correspondência de captura especifica os critérios de correspondência:

```
> capture capsw switch interface inside match ?
 <0-255> Enter protocol number (0 - 255)
ah
eigrp
 esp
gre
icmp
icmp6
igmp
igrp
ip
ipinip
 ipsec
         Mac-address filter
mac
nos
ospf
рср
pim
pptp
 sctp
 snp
```

```
spi SPI value
tcp
udp
<cr>
```

> show capture capsw

- 4. Especifique outros parâmetros opcionais, como o tamanho do buffer, o comprimento do pacote e assim por diante.
- 5. Ative a captura. O comando no capture <name> switch stop ativa a captura:

> capture capsw switch interface inside match ip > no capture capsw switch stop

6. Verifique os detalhes da captura:

- O status administrativo é enabled, e o status operacional é up e ative.
- O tamanho do arquivo de captura de pacote Pcapsize aumenta.
- O número de pacotes capturados na saída de show capture <cap_name> é diferente de zero.
- Capturar caminho Pcapfile. Os pacotes capturados são salvos automaticamente na pasta /mnt/disk0/packet-capture/.
- Capturar condições. O software cria automaticamente filtros de captura com base nas condições de captura.

```
27 packet captured on disk using switch capture
Reading of capture file from disk is not supported
>show capture capsw detail
Packet Capture info
 Name:
                   capsw
Session:
                1
 Oper State: up
Oper State Reason: Active
Config Success:
                 yes
Config Fail Reason:
Append Flag: overwrite
Session Mem Usage: 256
Session Pcap Snap Len: 1518
Error Code: 0
Drop Count:
                  0
Total Physical ports involved in Packet Capture: 1
Physical port:
Slot Id:
                  1
Port Id:
                 1
Pcapfile:
                 /mnt/disk0/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap
 Pcapsize:
                  18838
Filter:
                  capsw-1-1
Packet Capture Filter Info
```

Name:	capsw-1-1
Protocol:	0
Ivlan:	0
Ovlan:	205
Src Ip:	0.0.0.0
Dest Ip:	0.0.0.0
Src Ipv6:	::
Dest Ipv6:	::
Src MAC:	00:00:00:00:00:00

 Dest MAC:
 00:00:00:00:00

 Src Port:
 0

 Dest Port:
 0

 Ethertype:
 0

Total Physical breakout ports involved in Packet Capture: 0 0 packet captured on disk using switch capture Reading of capture file from disk is not supported

7. Pare as capturas quando necessário:

```
> capture capsw switch stop
>show capture capsw detail
Packet Capture info
 Name:
                  capsw
 Session: 1
Admin State: disabled
Oper State: down
Session:
 Oper State:
                 down
 Oper State Reason: Session_Admin_Shut
Config Success: yes
Config Fail Reason:
Append Flag: overwrite
Session Mem Usage: 256
Session Pcap Snap Len: 1518
Error Code: 0
                0
Drop Count:
Total Physical ports involved in Packet Capture: 1
Physical port:
                1
Slot Id:
                1
Port Id:
Pcapfile:
                /mnt/disk0/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap
Pcapsize:
                24
Filter:
                capsw-1-1
Packet Capture Filter Info
Name:
                capsw-1-1
                 0
Protocol:
Ivlan:
                 0
                205
Ovlan:
Src Ip:
                0.0.0.0
                0.0.0.0
Dest Ip:
Src Ipv6:
                 ::
Dest Ipv6:
                  ::
                00:00:00:00:00:00
Src MAC:
Dest MAC:
                00:00:00:00:00:00
                0
Src Port:
Dest Port:
                0
Ethertype:
                0
Total Physical breakout ports involved in Packet Capture: 0
```

Total Physical breakout ports involved in Packet Capture: 0 0 packet captured on disk using switch capture Reading of capture file from disk is not supported

8. Colete os arquivos de captura. Siga as etapas na seção **Coletar arquivos de captura do switch** interno do Secure Firewall 3100.

Na versão 7.2, a configuração de captura do switch interno não é suportada no FMC ou no FDM. No caso do software ASA versão 9.18(1) e posterior, as capturas de switch interno podem ser configuradas nas versões 7.18.1.x e posteriores do ASDM.

Esses cenários cobrem casos de uso comuns de capturas de switches internos do Secure

Firewall 3100.

Captura de pacotes em uma interface física ou de canal de porta

Use o FTD ou o ASA CLI para configurar e verificar uma captura de pacote na interface Ethernet1/1 ou Portchannel1. Ambas as interfaces têm o nome **if inside**.



Topologia, fluxo de pacotes e pontos de captura

Configuração

Siga estas etapas no ASA ou FTD CLI para configurar uma captura de pacote na interface Ethernet1/1 ou Port-channel1:

1. Verifique o nome se:

<pre>> show nameif</pre>		
Interface	Name	Security
Ethernet1/1	inside	0
Ethernet1/2	outside	0
Management1/1	diagnostic	0
<pre>> show nameif</pre>		
Interface	Name	Security
Port-channel1	inside	0
Ethernet1/2	outside	0
Management1/1	diagnostic	0

2. Criar uma sessão de captura:

> capture capsw switch interface inside

3. Ativar a sessão de captura:

> no capture capsw switch stop Verificação

Verifique o nome da sessão de captura, o estado operacional e administrativo, o slot de interface e o identificador. Verifique se o valor de **Pcapsize** em bytes aumenta e se o número de pacotes capturados é diferente de zero:

> show capture capsw detail Packet Capture info Session: capsw Session: 1 Admin State: enabled Oper State: up Oper State Reason: Active Config Success: yes Config Fail Reason: Append Flag: overwrite Session Mem Usage: 256 Session Pcap Snap Len: 1518 Error Code: 0 Drop Count: 0 Total Physical ports involved in Packet Capture: 1 Physical port: Slot Id: 1 Port Id: 1 Pcapfile: /mnt/disk0/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap Pcapsize: 12653 capsw-1-1 Filter: Packet Capture Filter Info Name: capsw-1-1 Protocol: 0 0 Ivlan: 0 Ovlan: 0.0.0.0 Src Ip: 0.0.0.0 Dest Ip: Src Ipv6: :: :: 00:00:00:00:00:00:00 Dest Ipv6: Src MAC: Dest MAC: 00:00:00:00:00:00 0 Src Port: 0 Dest Port: 0 Ethertype: Total Physical breakout ports involved in Packet Capture: 0

79 packets captured on disk using switch capture

Reading of capture file from disk is not supported No caso de Port-channel1, a captura é configurada em todas as interfaces membro:

> show capture capsw	detail
Packet Capture info	
Name:	capsw
Session:	1
Admin State:	enabled
Oper State:	up
Oper State Reason:	Active
Config Success:	yes
Config Fail Reason:	
Append Flag:	overwrite
Session Mem Usage:	256
Session Pcap Snap L	en: 1518
Error Code:	0
Drop Count:	0
Total Physical ports	involved in Packet Capture: 2
Physical port:	
Slot Id:	1
Port Id:	4
Pcapfile:	/mnt/disk0/packet-capture/sess-1-capsw-ethernet-1-4-0.pcap
Pcapsize:	28824
Filter:	capsw-1-4
Packet Capture Filte	r Info
Name:	capsw-1-4
Protocol:	0
Ivlan:	0
Ovlan:	0
Src Ip:	0.0.0.0
Dest Ip:	0.0.0.0
Src Ipv6:	::
Dest Ipv6:	::
Src MAC:	00:00:00:00:00
Dest MAC:	00:00:00:00:00:00
Src Port:	0
Dest Port:	0
Ethertype:	0
Dhugigal part.	
signt ta.	1
Bort Id.	2
Prantilo:	/mnt/dick0/nackot_canturo/cocc_1_cancu_othornot_1_3_0 ncan
Pransize.	
Filter:	capsw-1-3
Packet Capture Filte	r Info
Name:	capsw-1-3
Protocol:	0
Ivlan:	0
Ovlan:	0
Src Ip:	0.0.0
Dest Ip:	0.0.0
Src Ipv6:	::
Dest Ipv6:	::
Src MAC:	00:00:00:00:00
Dest MAC:	00:00:00:00:00
Src Port:	0
Dest Port:	0
Ethertype:	0

56 packet captured on disk using switch capture

Reading of capture file from disk is not supported

As interfaces membro do canal de porta podem ser verificadas no shell de comando FXOS **localmgmt** através do comando **show portchannel summary**:

> co	nnect fxo	S										
KSEC	KSEC-FPR3100-1 connect local-mgmt											
KSEC	KSEC-FPR3100-1(local-mgmt) show portchannel summary											
Flag	s: D - D	own P	- Up in po	ort-chann	el (m	embers)						
I -	I - Individual H - Hot-standby (LACP only)											
s -	Suspended	r - Module	-removed									
S -	Switched	R - Routed										
U -	Up (port-	channel)										
M -	Not in us	e. Min-links	not met									
Grou	p Port-	Туре	Protocol	Member	Ports							
	Channel											
1	Po1(U)	Eth	LACP	Eth1/3(P)	Eth1/4(P)						
LACP	KeepAliv	e Timer:										
	Channel	PeerKeepAliv	eTimerFast									
1	Po1(U)	False										
Clus	ter LACP	Status:										
	Channel	ClusterSpann	ed Cluste	erDetach	Clus	terUnitID	ClusterSysI	D				
1	Po1(U)	False	Fal	.se	0		clust					
Dor		· o EYOS no /	ASA AVAA		mand	o connect	free admin	No caso d				

Para acessar o FXOS no ASA, execute o comando **connect fxos admin**. No caso de multicontexto, execute o comando no contexto do administrador.

Coletar arquivos de captura

Siga as etapas na seção Coletar arquivos de captura do switch interno do Secure Firewall 3100.

Capturar análise de arquivo

Use um aplicativo leitor de arquivo de captura de pacote para abrir os arquivos de captura para Ethernet1/1. Selecione o primeiro pacote e verifique os pontos principais:

- 1. Somente os pacotes ICMP de solicitação de eco são capturados.
- 2. O cabeçalho do pacote original está sem a marca VLAN.

No.	Time	Source	Destination	Protocol	Length	PD	IP TTL Info	^
5	1 2022-08-07 19:50:06.925768	192.0.2.100	198.51.100.100	ICMP	102	0x9a10 (39440)	64 Echo (ping) request	id=0x0034, seq=1/256, ttl=64 (no res
	2 2022-08-07 19:50:07.921684	192.0.2.100	198.51.100.100	ICMP	102	0x9a3a (39482)	64 Echo (ping) request	id=0x0034, seq=2/512, ttl=64 (no res
	3 2022-08-07 19:50:08.924468	192.0.2.100	198.51.100.100	ICMP	102	0x9aa6 (39590)	64 Echo (ping) request	id=0x0034, seq=3/768, ttl=64 (no res
	4 2022-08-07 19:50:09.928484	192.0.2.100	198.51.100.100	ICMP	102	0x9afe (39678)	64 Echo (ping) request	id=0x0034, seq=4/1024, ttl=64 (no re
	5 2022-08-07 19:50:10.928245	192.0.2.100	198.51.100.100	ICMP	102	0x9b10 (39696)	64 Echo (ping) request	id=0x0034, seq=5/1280, ttl=64 (no re
	6 2022-08-07 19:50:11.929144	192.0.2.100	198.51.100.100	ICMP	102	0x9b34 (39732)	64 Echo (ping) request	id=0x0034, seq=6/1536, ttl=64 (no re
	7 2022-08-07 19:50:12.932943	192.0.2.100	198.51.100.100	ICMP	102	0x9b83 (39811)	64 Echo (ping) request	id=0x0034, seq=7/1792, ttl=64 (no re
	8 2022-08-07 19:50:13.934155	192.0.2.100	198.51.100.100	ICMP	102	0x9b8b (39819)	64 Echo (ping) request	id=0x0034, seq=8/2048, ttl=64 (no re
	9 2022-08-07 19:50:14.932004	192.0.2.100	198.51.100.100	ICMP	102	0x9c07 (39943)	64 Echo (ping) request	id=0x0034, seq=9/2304, ttl=64 (no re
	10 2022-08-07 19:50:15.937143	192.0.2.100	198.51.100.100	ICMP	102	0x9cc6 (40134)	64 Echo (ping) request	id=0x0034, seq=10/2560, ttl=64 (no r
	11 2022-08-07 19:50:16.934848	192.0.2.100	198.51.100.100	ICMP	102	0x9d68 (40296)	64 Echo (ping) request	id=0x0034, seq=11/2816, ttl=64 (no r
	12 2022-08-07 19:50:17.936908	192.0.2.100	198.51.100.100	ICMP	102	0x9ded (40429)	64 Echo (ping) request	id=0x0034, seq=12/3072, ttl=64 (no r
	13 2022-08-07 19:50:18.939584	192.0.2.100	198.51.100.100	ICMP	102	0x9e5a (40538)	64 Echo (ping) request	id=0x0034, seq=13/3328, ttl=64 (no r
	14 2022-08-07 19:50:19.941262	192.0.2.100	198.51.100.100	ICMP	102	0x9efb (40699)	64 Echo (ping) request	id=0x0034, seq=14/3584, ttl=64 (no r
	15 2022-08-07 19:50:20.940716	192.0.2.100	198.51.100.100	ICMP	102	0x9f50 (40784)	64 Echo (ping) request	id=0x0034, seq=15/3840, ttl=64 (no r
	16 2022-08-07 19:50:21.940288	192.0.2.100	198.51.100.100	ICMP	102	0x9fe4 (40932)	64 Echo (ping) request	id=0x0034, seq=16/4096, ttl=64 (no r
	17 2022-08-07 19:50:22.943302	192.0.2.100	198.51.100.100	ICMP	102	0xa031 (41009)	64 Echo (ping) request	id=0x0034, seq=17/4352, ttl=64 (no r
	18 2022-08-07 19:50:23.944679	192.0.2.100	198.51.100.100	ICMP	102	0xa067 (41063)	64 Echo (ping) request	id=0x0034, seq=18/4608, ttl=64 (no r 🗸
<								>
>	Frame 1: 102 bytes on wire (816 bits), 102 bytes car	otured (816 bits)			0000 bc e7 1	2 34 9a 14 00 50 56 9d e8	be 08 00 45 00 ···4···P V····E·
5	Ethernet II, Src: VMware 9d:e8:be (0	0:50:56:9d:e8:be), Dst: Cisco 34:9a	1:14 (bc:e7	:12:34:9a:14)	0010 00 54 9	a 10 40 00 40 01 b3 9c c0	00 02 64 c6 33 ·T··@·@· ·····d·3
5	Internet Protocol Version 4, Src: 19	2.0.2.100. Dst:	198.51.100.100			0020 64 64 0	8 00 c6 91 00 34 00 01 61	17 f0 62 00 00 dd ····· 4 ··a··b··
5	Internet Control Message Protocol	,			2	0030 00 00 1	8 ec 08 00 00 00 00 00 10	11 12 13 14 15
Ľ	0					0040 16 17 1	8 19 1a 1b 1c 1d 1e 1f 20	21 22 23 24 25 !"#\$%
						0050 26 27 2	8 29 2a 2b 2c 2d 2e 2f 30	31 32 33 34 35 &'()*+,/012345
						0060 36 37 5	5 55 55 55	670000

Abra os arquivos de captura para as interfaces membro Portchannel1. Selecione o primeiro pacote e verifique os pontos principais:

- 1. Somente os pacotes ICMP de solicitação de eco são capturados.
- 2. O cabeçalho do pacote original está sem a marca VLAN.

No.	Time	Source	Destination	Protocol	Length	PD	IP TTL Info		^
E	1 2022-08-07 20:40:58.657533	192.0.2.100	198.51.100.100	ICMP	102	0x9296 (37526)	64 Echo (ping) request	id=0x0035, seq=1/256, ttl=64 (no re	s
	2 2022-08-07 20:40:59.658611	192.0.2.100	198.51.100.100	ICMP	102	0x9370 (37744)	64 Echo (ping) request	id=0x0035, seq=2/512, ttl=64 (no re	s
	3 2022-08-07 20:41:00.655662	192.0.2.100	198.51.100.100	ICMP	102	0x93f0 (37872)	64 Echo (ping) request	id=0x0035, seq=3/768, ttl=64 (no re	s
	4 2022-08-07 20:41:01.659749	192.0.2.100	198.51.100.100	ICMP	102	0x946f (37999)	64 Echo (ping) request	id=0x0035, seq=4/1024, ttl=64 (no r	e
	5 2022-08-07 20:41:02.660624	192.0.2.100	198.51.100.100	ICMP	102	0x94a4 (38052)	64 Echo (ping) request	id=0x0035, seq=5/1280, ttl=64 (no r	e
	6 2022-08-07 20:41:03.663226	192.0.2.100	198.51.100.100	ICMP	102	0x952d (38189)	64 Echo (ping) request	id=0x0035, seq=6/1536, ttl=64 (no r	e
	7 2022-08-07 20:41:04.661262	192.0.2.100	198.51.100.100	ICMP	102	0x958d (38285)	64 Echo (ping) request	id=0x0035, seq=7/1792, ttl=64 (no r	e
	8 2022-08-07 20:41:05.665955	192.0.2.100	198.51.100.100	ICMP	102	0x95d8 (38360)	64 Echo (ping) request	id=0x0035, seq=8/2048, ttl=64 (no r	•
	9 2022-08-07 20:41:06.666538	192.0.2.100	198.51.100.100	ICMP	102	0x964b (38475)	64 Echo (ping) request	id=0x0035, seq=9/2304, ttl=64 (no r	e
	10 2022-08-07 20:41:07.667298	192.0.2.100	198.51.100.100	ICMP	102	0x972b (38699)	64 Echo (ping) request	id=0x0035, seq=10/2560, ttl=64 (no	r
	11 2022-08-07 20:41:08.670540	192.0.2.100	198.51.100.100	ICMP	102	0x980a (38922)	64 Echo (ping) request	id=0x0035, seq=11/2816, ttl=64 (no	r
	12 2022-08-07 20:41:09.668278	192.0.2.100	198.51.100.100	ICMP	102	0x9831 (38961)	64 Echo (ping) request	id=0x0035, seq=12/3072, ttl=64 (no	r i
	13 2022-08-07 20:41:10.672417	192.0.2.100	198.51.100.100	ICMP	102	0x98a2 (39074)	64 Echo (ping) request	id=0x0035, seq=13/3328, ttl=64 (no	r i
	14 2022-08-07 20:41:11.671369	192.0.2.100	198.51.100.100	ICMP	102	0x98f7 (39159)	64 Echo (ping) request	id=0x0035, seq=14/3584, ttl=64 (no	r
	15 2022-08-07 20:41:12.675462	192.0.2.100	198.51.100.100	ICMP	102	0x99e4 (39396)	64 Echo (ping) request	id=0x0035, seq=15/3840, ttl=64 (no	r
	16 2022-08-07 20:41:13.674903	192.0.2.100	198.51.100.100	ICMP	102	0x9a84 (39556)	64 Echo (ping) request	id=0x0035, seq=16/4096, ttl=64 (no	r
	17 2022-08-07 20:41:14.674093	192.0.2.100	198.51.100.100	ICMP	102	0x9af3 (39667)	64 Echo (ping) request	id=0x0035, seq=17/4352, ttl=64 (no	r i
	18 2022-08-07 20:41:15.676904	192.0.2.100	198.51.100.100	ICMP	102	0x9b8e (39822)	64 Echo (ping) request	id=0x0035, seq=18/4608, ttl=64 (no	r v
<								>	
>	Frame 1: 102 bytes on wire (816 bits	s), 102 bytes cap	tured (816 bits)			0000 bc e7 12	34 9a 2c 00 50 56 9d e8	be 08 00 45 00 ····4·, ·P V·····E·	
>	Ethernet II, Src: VMware 9d:e8:be (0:50:56:9d:e8:be), Dst: Cisco 34:9a:	2c (bc:e7:12:	34:9a:2c)	0010 00 54 92	96 40 00 40 01 bb 16 c0	00 02 64 c6 33 ·T··@·@· ····d·3	
>	Internet Protocol Version 4, Src: 19	2.0.2.100, Dst:	198.51.100.100		-	0020 64 64 08	00 58 a8 00 35 00 01 4d	23 f0 62 00 00 dd · · X · · 5 · · M# · b · ·	
>	Internet Control Message Protocol				2	0030 00 00 9e	c8 04 00 00 00 00 00 10	11 12 13 14 15	
	U					0040 16 17 18	19 1a 1b 1c 1d 1e 1f 20	21 22 23 24 25 !"#\$%	
						0050 26 27 28	29 2a 2b 2c 2d 2e 2f 30	31 32 33 34 35 & ()*+,/012345	
						0060 36 37 55	55 55 55	670000	

Explicação

As capturas do switch são configuradas nas interfaces Ethernet1/1 ou Portchannel1.

Esta tabela resume a tarefa:

Tarefa	Ponto de captura	Filtro interno	Direção	Tráfego capturado
Configurar e verificar uma captura de pacote na interface Ethernet1/1	Ethernet1/ 1	Nenhum	Soment e entrada	Solicitações de eco ICMP do host 192.0.2.100 para o host 198.51.100
Configurar e verificar uma captura de pacote na interface Portchannel1 com as interfaces membro Ethernet1/3 e Ethernet1/4	Ethernet1/ 3 Ethernet1/ 4	Nenhum	Soment e entrada	Solicitações de eco ICMP do host 192.0.2.100 para o host 198.51.100

Captura de pacotes em uma subinterface de uma interface física ou de canal de porta

Use o FTD ou o ASA CLI para configurar e verificar uma captura de pacote nas subinterfaces Ethernet1/1.205 ou Portchannel1.205. Ambas as subinterfaces têm o nome **inside**.

Topologia, fluxo de pacotes e pontos de captura



Configuração

Siga estas etapas no ASA ou FTD CLI para configurar uma captura de pacote na interface Ethernet1/1 ou Port-channel1:

1. Verifique o nome se:

<pre>> show nameif</pre>								
Interface	Name	Security						
Ethernet1/1.205	inside	0						
Ethernet1/2	outside	0						
Management1/1	diagnostic	0						
<pre>> show nameif</pre>								
Interface	Name	Security						
Port-channel1.205	inside	0						
Ethernet1/2	outside	0						
Management1/1	diagnostic	0						
2. Criar uma sessão de captura:								

3. Ativar a sessão de captura:

> no capture capsw switch stop
Verificação

Verifique o nome da sessão de captura, o estado operacional e administrativo, o slot de interface e o identificador. Verifique se o valor de **Pcapsize** em bytes aumenta e se o número de pacotes capturados é diferente de zero:

```
> show capture capsw detail
Packet Capture info
Name:
Session:
                 capsw
               1
 Admin State: enabled
 Oper State:
                 up
 Oper State Reason: Active
Config Success: yes
Config Fail Reason:
Append Flag:
             overwrite
Session Mem Usage: 256
Session Pcap Snap Len: 1518
Error Code: 0
               0
Drop Count:
Total Physical ports involved in Packet Capture: 1
Physical port:
 Slot Id:
                 1
 Port Id:
                 1
               /mnt/disk0/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap
Pcapfile:
 Pcapsize:
                6360
Filter:
               capsw-1-1
Packet Capture Filter Info
 Name:
                capsw-1-1
Protocol:
               0
               0
Ivlan:
              205
0.0.0.0
 Ovlan:
Src Ip:
Dest Ip:
               0.0.0.0
Src Ipv6:
                ::
             Dest Ipv6:
Src MAC:
Dest MAC:
               0
Src Port:
Dest Port:
               0
Ethertype:
               0
Total Physical breakout ports involved in Packet Capture: 0
```

46 packets captured on disk using switch capture

Reading of capture file from disk is not supported Nesse caso, um filtro com a VLAN externa **Ovlan=205** é criado e aplicado à interface.

No caso de Port-channel1, a captura com um filtro **Ovlan=205** é configurada em todas as interfaces do membro:

> show capture capsw	/ detail
Packet Capture info	
Name:	capsw
Session:	1
Admin State:	enabled
Oper State:	up
Oper State Reason:	Active
Config Success:	yes
Config Fail Reason:	
Append Flag:	overwrite
Session Mem Usage:	256
Session Pcap Snap I	en: 1518
Error Code:	0
Drop Count:	0
Total Physical ports	involved in Packet Capture: 2
Physical port:	
Slot Id:	1
Port Id:	4
Pcapfile:	/mnt/disk0/packet-capture/sess-1-capsw-ethernet-1-4-0.pcap
Pcapsize:	23442
Filter:	capsw-1-4
Packet Capture Filte	er Info
Name:	capsw-1-4
Protocol:	0
Ivlan:	0
Ovlan:	205
Src Ip:	0.0.0.0
Dest Ip:	0.0.0.0
Src Ipv6:	::
Dest Ipv6:	::
Src MAC:	00:00:00:00:00
Dest MAC:	00:00:00:00:00:00
Src Port:	0
Dest Port:	0
Ethertype:	0
Physical port:	
Slot Id:	1
Port Id:	3
Pcapfile:	/mnt/disk0/packet-capture/sess-1-capsw-ethernet-1-3-0.pcap
Pcapsize:	5600
Filter:	capsw-1-3
Packet Capture Filte	er Info
Name:	capsw-1-3
Protocol:	0
Ivlan:	0
Ovlan:	205
Src Ip:	0.0.0.0
Dest Ip:	0.0.0.0
Src Ipv6:	::
Dest Ipv6:	::
Src MAC:	00:00:00:00:00
Dest MAC:	00:00:00:00:00
Src Port:	0
Dest Port:	0
Ethertype:	0

Total Physical breakout ports involved in Packet Capture: $\boldsymbol{0}$

49 packet captured on disk using switch capture

Reading of capture file from disk is not supported

As interfaces membro do canal de porta podem ser verificadas no shell de comando FXOS **localmgmt** através do comando **show portchannel summary**:

> cc	nnect fxo	S										
KSEC	KSEC-FPR3100-1 connect local-mgmt											
KSEC	KSEC-FPR3100-1(local-mgmt) show portchannel summary											
Flag	rs: D - D	own P	- Up in po	ort-chann	el (m	embers)						
I -	I - Individual H - Hot-standby (LACP only)											
s -	s - Suspended r - Module-removed											
S -	Switched	R - Routed										
U -	Up (port-	channel)										
- M	Not in us	e. Min-links	not met									
Grou	p Port-	 Туре	Protocol	Member	Ports							
	Channel	11										
1	Pol(U)	Eth	LACP	Eth1/3(P)	Eth1/4(P)						
LACF	Y KeepAliv	e Timer:										
	Channel	PeerKeepAliv	eTimerFast									
1	Po1(U)	False										
Clus	ter LACP	Status:										
	Channel	ClusterSpann	ed Cluste	erDetach	Clus	terUnitID	ClusterSysI	D				
1	Po1(U)	False	Fal	.se	0		clust					
Dar	a acossar	OFYOS no			mand	o connect	fvoe admin	No caso d				

Para acessar o FXOS no ASA, execute o comando **connect fxos admin**. No caso de multicontexto, execute esse comando no contexto do administrador.

Coletar arquivos de captura

Siga as etapas na seção Coletar arquivos de captura do switch interno do Secure Firewall 3100.

Capturar análise de arquivo

Use um aplicativo leitor de arquivo de captura de pacote para abrir os arquivos de captura para Ethernet1/1.205. Selecione o primeiro pacote e verifique os pontos principais:

- 1. Somente os pacotes ICMP de solicitação de eco são capturados.
- 2. O cabeçalho do pacote original tem a marca de VLAN 205.

No. Time		Source	Destination	Protocol	Length	IP ID		IP TTL Info						^
- 1 2022-08-07 21	:21:01.607187	192.0.2.100	198.51.100.100	ICMP	106	0x411f	(16671)	64 Echo (ping)	request	id=0x0037,	seq=1/256, t	tl=64 (no	res	
2 2022-08-07 21	:21:02.609418	192.0.2.100	198.51.100.100	ICMP	106	0x413a	(16698)	64 Echo (ping)	request	id=0x0037,	seq=2/512, t	tl=64 (no 🕯	res	
3 2022-08-07 21	:21:03.610671	192.0.2.100	198.51.100.100	ICMP	106	0x421a	(16922)	64 Echo (ping)	request	id=0x0037,	seq=3/768, t	tl=64 (no	res	
4 2022-08-07 21	:21:04.609160	192.0.2.100	198.51.100.100	ICMP	106	0x426c	(17004)	64 Echo (ping)	request	id=0x0037,	seq=4/1024,	ttl=64 (no	ne	
5 2022-08-07 21	:21:05.609409	192.0.2.100	198.51.100.100	ICMP	106	0x4310	(17168)	64 Echo (ping)	request	id=0x0037,	seq=5/1280,	ttl=64 (no	ne	
6 2022-08-07 21	:21:06.611847	192.0.2.100	198.51.100.100	ICMP	106	0x43df	(17375)	64 Echo (ping)	request	id=0x0037,	seq=6/1536,	ttl=64 (no	ne	
7 2022-08-07 21	:21:07.616688	192.0.2.100	198.51.100.100	ICMP	106	0x44d3	(17619)	64 Echo (ping)	request	id=0x0037,	seq=7/1792,	ttl=64 (no	ne .	
8 2022-08-07 21	:21:08.618023	192.0.2.100	198.51.100.100	ICMP	106	0x4518	(17688)	64 Echo (ping)	request	id=0x0037,	seq=8/2048,	ttl=64 (no	ne .	
9 2022-08-07 21	:21:09.619326	192.0.2.100	198.51.100.100	ICMP	106	0x453d	(17725)	64 Echo (ping)	request	id=0x0037,	seq=9/2304,	ttl=64 (no	re	
10 2022-08-07 21	:21:10.616696	192.0.2.100	198.51.100.100	ICMP	106	0x462b	(17963)	64 Echo (ping)	request	id=0x0037,	seq=10/2560,	ttl=64 (n	or	
11 2022-08-07 21	:21:11.621629	192.0.2.100	198.51.100.100	ICMP	106	0x4707	(18183)	64 Echo (ping)	request	id=0x0037,	seq=11/2816,	ttl=64 (n	or	
12 2022-08-07 21	:21:12.619309	192.0.2.100	198.51.100.100	ICMP	106	0x474b	(18251)	64 Echo (ping)	request	id=0x0037,	seq=12/3072,	ttl=64 (n	or	
13 2022-08-07 21	:21:13.620168	192.0.2.100	198.51.100.100	ICMP	106	0x4781	(18305)	64 Echo (ping)	request	id=0x0037,	seq=13/3328,	ttl=64 (n	or	
14 2022-08-07 21	:21:14.623169	192.0.2.100	198.51.100.100	ICMP	106	0x4858	(18520)	64 Echo (ping)	request	id=0x0037,	seq=14/3584,	ttl=64 (n	or	
15 2022-08-07 21	:21:15.622497	192.0.2.100	198.51.100.100	ICMP	106	0x4909	(18697)	64 Echo (ping)	request	id=0x0037,	seq=15/3840,	ttl=64 (n	or	
16 2022-08-07 21	:21:16.626226	192.0.2.100	198.51.100.100	ICMP	106	0x490b	(18699)	64 Echo (ping)	request	id=0x0037,	seq=16/4096,	ttl=64 (n	or	
17 2022-08-07 21	:21:17.629363	192.0.2.100	198.51.100.100	ICMP	106	0x4932	(18738)	64 Echo (ping)	request	id=0x0037,	seq=17/4352,	ttl=64 (n	or	
18 2022-08-07 21	:21:18.626651	192.0.2.100	198.51.100.100	ICMP	106	0x4a05	(18949)	64 Echo (ping)	request	id=0x0037,	seq=18/4608,	ttl=64 (n	or	~
<													>	
> Frame 1: 106 bytes o	on wire (848 bits), 106 bytes cap	tured (848 bits)			0000	bc e7 :	12 34 9a 14 00 50	56 9d e8	be 81 00 00	cd4	P V · · · · · ·		
> Ethernet II, Src: VM	Mware_9d:e8:be (0	0:50:56:9d:e8:be), Dst: Cisco_34:9a	:14 (bc:e7:12	:34:9a:14)	0010	08 00 4	45 00 00 54 41 1f	40 00 40	01 0c 8e c0	00 ··E··TA		÷	
✓ 802.1Q Virtual LAN,	PRI: 0, DEI: 0,	ID: 205				0020	02 64 0	c6 33 64 64 08 00	06 67 00	37 00 01 b0	2c ·d·3dd·	· ·g·7···,	,	
000	= Priority: Be	est Effort (defau	ilt) (0)			0030	f0 62 (00 00 00 00 8e fe	03 00 00	00 00 00 10	11 ·b·····			
	= DEI: Ineligi	ible				0040	12 13 3	14 15 16 17 18 19	1a 1b 1c	1d 1e 1f 20	21			
0000 1100 110	01 = ID: 205				2	0050	22 23 2	24 25 26 27 28 29	2a 20 2C	2d 2e 2t 30	31 #\$%& () -+,/01	£	
Type: IPv4 (0x0800	0)				2	0000	52 55 5	54 55 50 57 55 55	33 33		2545070	0 00		
Trailer: 55555555														
> Internet Protocol Ve	ersion 4, Src: 19	2.0.2.100, Dst:	198.51.100.100											
> Internet Control Mes	ssage Protocol													

Abra os arquivos de captura para as interfaces membro Portchannel1. Selecione o primeiro pacote e verifique os pontos principais:

- 1. Somente os pacotes ICMP de solicitação de eco são capturados.
- 2. O cabeçalho do pacote original tem a marca de VLAN 205.

No.	Time	Source	Destination	Protocol	Length	IP ID	IP TTL	Info						^
E.	1 2022-08-07 21:21:01.607187	192.0.2.100	198.51.100.100	ICMP	106	0x411f (10	5671) 64	Echo (ping) request	id=0x0037,	seq=1/256,	ttl=64 (no	o res	
	2 2022-08-07 21:21:02.609418	192.0.2.100	198.51.100.100	ICMP	106	0x413a (10	5698) 64	Echo (ping) request	id=0x0037,	seq=2/512,	ttl=64 (nd	o res	
	3 2022-08-07 21:21:03.610671	192.0.2.100	198.51.100.100	ICMP	106	0x421a (10	5922) 64	Echo (ping) request	id=0x0037,	seq=3/768,	ttl=64 (nd	o res	
	4 2022-08-07 21:21:04.609160	192.0.2.100	198.51.100.100	ICMP	106	0x426c (17	7004) 64	Echo (ping) request	id=0x0037,	seq=4/1024,	ttl=64 (r	no ne	
	5 2022-08-07 21:21:05.609409	192.0.2.100	198.51.100.100	ICMP	106	0x4310 (17	7168) 64	Echo (ping) request	id=0x0037,	seq=5/1280,	ttl=64 (r	no ne	
	6 2022-08-07 21:21:06.611847	192.0.2.100	198.51.100.100	ICMP	106	0x43df (17	7375) 64	Echo (ping) request	id=0x0037,	seq=6/1536,	ttl=64 (r	no ne	
	7 2022-08-07 21:21:07.616688	192.0.2.100	198.51.100.100	ICMP	106	0x44d3 (17	7619) 64	Echo (ping) request	id=0x0037,	seq=7/1792,	ttl=64 (r	no ne	
	8 2022-08-07 21:21:08.618023	192.0.2.100	198.51.100.100	ICMP	106	0x4518 (17	7688) 64	Echo (ping) request	id=0x0037,	seq=8/2048,	ttl=64 (r	no ne	
	9 2022-08-07 21:21:09.619326	192.0.2.100	198.51.100.100	ICMP	106	0x453d (17	7725) 64	Echo (ping) request	id=0x0037,	seq=9/2304,	ttl=64 (r	no ne	
	10 2022-08-07 21:21:10.616696	192.0.2.100	198.51.100.100	ICMP	106	0x462b (17	7963) 64	Echo (ping) request	id=0x0037,	seq=10/2560	, ttl=64 ((no r	
	11 2022-08-07 21:21:11.621629	192.0.2.100	198.51.100.100	ICMP	106	0x4707 (18	3183) 64	Echo (ping) request	id=0x0037,	seq=11/2816	, ttl=64 ((no r	
	12 2022-08-07 21:21:12.619309	192.0.2.100	198.51.100.100	ICMP	106	0x474b (18	3251) 64	Echo (ping) request	id=0x0037,	seq=12/3072	, ttl=64 ((no r	
	13 2022-08-07 21:21:13.620168	192.0.2.100	198.51.100.100	ICMP	106	0x4781 (18	3305) 64	Echo (ping) request	id=0x0037,	seq=13/3328	, ttl=64 ((no r	
	14 2022-08-07 21:21:14.623169	192.0.2.100	198.51.100.100	ICMP	106	0x4858 (18	3520) 64	Echo (ping) request	id=0x0037,	seq=14/3584	, ttl=64 ((no r	
	15 2022-08-07 21:21:15.622497	192.0.2.100	198.51.100.100	ICMP	106	0x4909 (18	3697) 64	Echo (ping) request	id=0x0037,	seq=15/3840	, ttl=64 ((no r	
	16 2022-08-07 21:21:16.626226	192.0.2.100	198.51.100.100	ICMP	106	0x490b (18	3699) 64	Echo (ping) request	id=0x0037,	seq=16/4096	, ttl=64 ((no r	
	17 2022-08-07 21:21:17.629363	192.0.2.100	198.51.100.100	ICMP	106	0x4932 (18	3738) 64	Echo (ping) request	id=0x0037,	seq=17/4352	, ttl=64 ((no r	
	18 2022-08-07 21:21:18.626651	192.0.2.100	198.51.100.100	ICMP	106	0x4a05 (18	3949) 64	Echo (ping) request	id=0x0037,	seq=18/4608	, ttl=64 ((no r	~
<													>	
>	Frame 1: 106 bytes on wire (848 bits), 106 bytes capt	ured (848 bits)			0000 t	oc e7 12 34 9	a 14 00 50	56 9d e8	be 81 00 00	cd4	·P V·····		_
5	Ethernet II, Src: VMware 9d:e8:be (0	0:50:56:9d:e8:be)	, Dst: Cisco 34:9a:	14 (bc:e7:12:3	84:9a:14)	0010	8 00 45 00 0	0 54 41 1f	40 00 40	01 0c 8e c0	00 ··E··T	A. 0.0		
\sim	802.10 Virtual LAN, PRI: 0, DEI: 0,	ID: 205	-		,	0020	02 64 c6 33 6	4 64 08 00	06 67 00	37 00 01 b0	2c ·d·3dd	·· · g·7··	٠,	
	000 = Priority: B	est Effort (defau	lt) (0)			0030	6 62 00 00 0	00 00 8e fe	03 00 00	00 00 00 10	11 ·b····		• •	
	0 = DEI: Inelig:	ible	, , , ,			0040 1	2 13 14 15 1	6 17 18 19	1a 1b 1c	1d 1e 1f 20	21			
0000 1100 1101 = ID: 205							22 23 24 25 2	6 27 28 29	2a 2b 2c	2d 2e 2f 30	31 "#\$%&"	() *+,/0	ð1	
	Type: IPv4 (0x0800)				2	0000 3	52 33 34 35 3	6 37 55 55	55 55		234567	00 00		
	Trailer: 55555555													
>	Internet Protocol Version 4, Src: 19	2.0.2.100, Dst: 1	98.51.100.100											
>	Internet Control Message Protocol													
1.														

Explicação

As capturas do switch são configuradas nas subinterfaces Ethernet1/1.205 ou Portchannel1.205 com um filtro que corresponde à VLAN 205 externa.

Esta tabela resume a tarefa:

Tarefa	Ponto de captura	Filtro interno	Direção Tráfego capturado
Configurar e verificar uma captura de pacote na subinterface Ethernet1/1.205	Ethernet 1/1	VLAN Externa 205	Soment Solicitações de eco ICMP do hos e 192.0.2.100 para o host entrada 198.51.100.100
Configurar e verificar uma captura de pacote na subinterface Portchannel1.205 com as interfaces membro Ethernet1/3 e Ethernet1/4	Ethernet 1/3 Ethernet 1/4	VLAN Externa 205	Soment Solicitações de eco ICMP do hos e 192.0.2.100 para o host entrada 198.51.100.100

Captura de pacotes em interfaces internas

O Secure Firewall tem duas interfaces internas:

- in_data_uplink1 conecta o aplicativo ao switch interno.
- in_mgmt_uplink1 fornece um caminho de pacote dedicado para conexões de gerenciamento, como SSH para a interface de gerenciamento, ou a conexão de gerenciamento, também conhecida como sftunnel, entre o FMC e o FTD.

Tarefa 1

Use o FTD ou o ASA CLI para configurar e verificar uma captura de pacote na interface de uplink **in_data_uplink1**.



Topologia, fluxo de pacotes e pontos de captura

Configuração

Siga estas etapas no ASA ou FTD CLI para configurar uma captura de pacote na interface **in_data_uplink1**:

- 1. Criar uma sessão de captura:
- > capture capsw switch interface in_data_uplink1
 - 2. Ativar a sessão de captura:

```
> no capture capsw switch stop
Verificação
```

Verifique o nome da sessão de captura, o estado operacional e administrativo, o slot de interface e o identificador. Verifique se o valor de **Pcapsize** em bytes aumenta e se o número de pacotes capturados é diferente de zero:

> show capture capsw detail
Packet Capture info
Name: capsw
Session: 1

Admin State: enabled Oper State: up Oper State Reason: Active Config Success: yes Config Fail Reason: Append Flag: overwrite Session Mem Usage: 256 Session Pcap Snap Len: 1518 Error Code: 0 0 Drop Count: Total Physical ports involved in Packet Capture: 1 Physical port: Slot Id: 1 Port Id: 18 /mnt/disk0/packet-capture/sess-1-capsw-data-uplink1.pcap Pcapfile: 7704 Pcapsize: Filter: capsw-1-18 Packet Capture Filter Info Name: capsw-1-18 Protocol: 0 0 Ivlan: 0 Ovlan: 0.0.0.0 Src Ip: 0.0.0.0 Dest Ip: Src Ipv6: :: Dest Ipv6: :: Src MAC: 00:00:00:00:00:00 Dest MAC: 0 Src Port: Dest Port: 0 Ethertype: 0

Total Physical breakout ports involved in Packet Capture: 0

66 packets captured on disk using switch capture

Reading of capture file from disk is not supported

Nesse caso, uma captura é criada na interface com um ID interno **18** que é a interface in_data_uplink1 no Secure Firewall 3130. O comando **show portmanager switch status** no shell de comando FXOS **local-mgmt** mostra os IDs da interface:

> connect fxos

...

KSEC-FPR3100	-1 connect loca	1-mgmt				
KSEC-FPR3100	-1(local-mgmt)	show por	rtmanage	r switch	status	
Dev/Port	Mode	Link	Speed	Duplex	Loopback Mode	Port Manager
0/1	SGMII	Up	1G	Full	None	Link-Up
0/2	SGMII	Up	1G	Full	None	Link-Up
0/3	SGMII	Up	1G	Full	None	Link-Up
0/4	SGMII	Up	1G	Full	None	Link-Up
0/5	SGMII	Down	1G	Half	None	Mac-Link-Down
0/6	SGMII	Down	1G	Half	None	Mac-Link-Down
0/7	SGMII	Down	1G	Half	None	Mac-Link-Down
0/8	SGMII	Down	1G	Half	None	Mac-Link-Down
0/9	1000_BaseX	Down	1G	Full	None	Link-Down
0/10	1000_BaseX	Down	1G	Full	None	Link-Down
0/11	1000_BaseX	Down	1G	Full	None	Link-Down
0/12	1000_BaseX	Down	1G	Full	None	Link-Down

0/13	1000_BaseX	Down	1G	Full	None	Link-Down
0/14	1000_BaseX	Down	1G	Full	None	Link-Down
0/15	1000_BaseX	Down	1G	Full	None	Link-Down
0/16	1000_BaseX	Down	1G	Full	None	Link-Down
0/17	1000_BaseX	Up	1G	Full	None	Link-Up
0/18	KR2	Up	50G	Full	None	Link-Up
0/19	KR	Up	25G	Full	None	Link-Up
0/20	KR	Up	25G	Full	None	Link-Up
0/21	KR4	Down	40G	Full	None	Link-Down
0/22	n/a	Down	n/a	Full	N/A	Reset
0/23	n/a	Down	n/a	Full	N/A	Reset
0/24	n/a	Down	n/a	Full	N/A	Reset
0/25	1000_BaseX	Down	1G	Full	None	Link-Down
0/26	n/a	Down	n/a	Full	N/A	Reset
0/27	n/a	Down	n/a	Full	N/A	Reset
0/28	n/a	Down	n/a	Full	N/A	Reset
0/29	1000_BaseX	Down	1G	Full	None	Link-Down
0/30	n/a	Down	n/a	Full	N/A	Reset
0/31	n/a	Down	n/a	Full	N/A	Reset
0/32	n/a	Down	n/a	Full	N/A	Reset
0/33	1000_BaseX	Down	1G	Full	None	Link-Down
0/34	n/a	Down	n/a	Full	N/A	Reset
0/35	n/a	Down	n/a	Full	N/A	Reset
0/36	n/a	Down	n/a	Full	N/A	Reset

Para acessar o FXOS no ASA, execute o comando **connect fxos admin**. No caso de multicontexto, execute esse comando no contexto do administrador.

Coletar arquivos de captura

Siga as etapas na seção Coletar arquivos de captura do switch interno do Secure Firewall 3100.

Capturar análise de arquivo

Use um aplicativo leitor de arquivo de captura de pacote para abrir os arquivos de captura da interface in_data_uplink1. Verifique o ponto-chave - nesse caso, os pacotes ICMP de solicitação de eco e de resposta de eco são capturados. Esses são os pacotes enviados do aplicativo para o switch interno.

No.	Time		4	Source	Destination	Protocol	Length	IP ID			IP TTL	Info								^
	1 2022-08-07	22:40:06.685606		192.0.2.100	198.51.100.100	ICMP	102	0x4d93	(1985	9)	64	Echo	(ping)	request	id=0x003a,	seq=33/8	3448,	ttl=64	(repl	
4-	2 2022-08-07	22:40:06.685615		198.51.100.100	192.0.2.100	ICMP	102	0x6cdc	(2786	8)	64	Echo	(ping)	reply	id=0x003a,	seq=33/8	3448,	ttl=64	(requ	
	3 2022-08-07	22:40:07.684219		192.0.2.100	198.51.100.100	ICMP	102	Øx4de8	(1994	4)	64	Echo	(ping)	request	id=0x003a,	seq=34/8	3704,	ttl=64	(repl	
	4 2022-08-07	22:40:07.689300		198.51.100.100	192.0.2.100	ICMP	102	Øx6db2	(2808	2)	64	Echo	(ping)	reply	id=0x003a,	seq=34/8	3704,	ttl=64	(requ	
	5 2022-08-07	22:40:08.685736		192.0.2.100	198.51.100.100	ICMP	102	Øx4edc	(2018	8)	64	Echo	(ping)	request	id=0x003a,	seq=35/8	3960,	ttl=64	(repl	
	6 2022-08-07	22:40:08.690806		198.51.100.100	192.0.2.100	ICMP	102	0x6dbf	(2805	(5)	64	Echo	(ping)	reply	id=0x003a,	seq=35/8	3960,	ttl=64	(requ	
	7 2022-08-07	22:40:09.690737		192.0.2.100	198.51.100.100	ICMP	102	0x4f2d	(2026	9)	64	Echo	(ping)	request	id=0x003a,	seq=36/9	216,	ttl=64	(repl	
	8 2022-08-07	22:40:09.690744		198.51.100.100	192.0.2.100	ICMP	102	0x6e80	(2828	8)	64	Echo	(ping)	reply	id=0x003a,	seq=36/9	216,	ttl=64	(requ	
	9 2022-08-07	22:40:10.692266		192.0.2.100	198.51.100.100	ICMP	102	0x4fb1	(2040	1)	64	Echo	(ping)	request	id=0x003a,	seq=37/9	472,	ttl=64	(repl	
	10 2022-08-07	22:40:10.692272		198.51.100.100	192.0.2.100	ICMP	102	Øx6ed5	(2837	3)	64	Echo	(ping)	reply	id=0x003a,	seq=37/9	472,	ttl=64	(requ	
	11 2022-08-07	22:40:11.691159		192.0.2.100	198.51.100.100	ICMP	102	0x5008	(2048	8)	64	Echo	(ping)	request	id=0x003a,	seq=38/9	728,	ttl=64	(repl	
	12 2022-08-07	22:40:11.691166		198.51.100.100	192.0.2.100	ICMP	102	0x6f3b	(2847	5)	64	Echo	(ping)	reply	id=0x003a,	seq=38/9	728,	ttl=64	(requ	
	13 2022-08-07	22:40:12.692135		192.0.2.100	198.51.100.100	ICMP	102	0x50b8	(2066	4)	64	Echo	(ping)	request	id=0x003a,	seq=39/9	9984,	ttl=64	(repl	
	14 2022-08-07	22:40:12.697209		198.51.100.100	192.0.2.100	ICMP	102	0x6fd7	(2863	1)	64	Echo	(ping)	reply	id=0x003a,	seq=39/9	984,	ttl=64	(requ	
	15 2022-08-07	22:40:13.697320		192.0.2.100	198.51.100.100	ICMP	102	0x5184	(2086	8)	64	Echo	(ping)	request	id=0x003a,	seq=40/1	0240,	ttl=64	(rep	
	16 2022-08-07	22:40:13.697327		198.51.100.100	192.0.2.100	ICMP	102	0x703e	(2873	4)	64	Echo	(ping)	reply	id=0x003a,	seq=40/1	0240,	ttl=64	(rec	
	17 2022-08-07	22:40:14.698512		192.0.2.100	198.51.100.100	ICMP	102	0x51d8	(2095	2)	64	Echo	(ping)	request	id=0x003a,	seq=41/1	.0496,	ttl=64	(rep	
	18 2022-08-07	22:40:14.698518		198.51.100.100	192.0.2.100	ICMP	102	0x70dd	(2889	3)	64	Echo	(ping)	reply	id=0x003a,	seq=41/1	.0496,	ttl=64	(rec	~
<																			>	
> Ena	me 1: 102 byte	s on wire (816 bi	ts)	, 102 bytes captu	red (816 bits)			000	00	50 56	9d ei	7 50 I	oc e7	12 34 9a	15 08 00 4	00 · P	V · · P · ·	-4	E٠	
> EtH	ernet II, Src:	Cisco 34:9a:15 (bc:	e7:12:34:9a:15),	Dst: VMware 9d:e7:	50 (00:50:56:9	d:e7:50)	001	00	54 4d	93 40	00 0	10 01	00 1a c0	00 02 64 ct	33 · TI	1.0.0.	· · · · · · c	· 3	
> Int	ernet Protocol	Version 4, Src:	192	.0.2.100, Dst: 19	8.51.100.100			002	64	64 08	00 71	15	30 3a	00 21 39	3f f0 62 00	00 dd	• • • • • •	·197-F	ş	
> Int	ernet Control	Message Protocol						003	00	00 8b	1a 05	6 00 0	99 99	00 00 10	11 12 13 14	15			• •	
								004	16	17 18	19 18	10 :	lc 1d	1e 1f 20	21 22 23 24	25		··· 174	\$%	
								005	26	27 28	29 28	20	2c 2d	2e 2f 30	31 32 33 34	35 &	()*+,-	./0123	45	
								006	36	37 55	55 55	> 55				67	0000			

Explicação

Quando uma captura de switch na interface de uplink é configurada, somente os pacotes enviados do aplicativo para o switch interno são capturados. Os pacotes enviados ao aplicativo

não são capturados.

Esta tabela resume a tarefa:

Tarefa	Ponto de captura	Filtro interno	Direção	Tráfego capturado
Configurar e verificar uma captura de pacote na interface de uplink in_data_uplink1	in_data_u plink1	Nenhum	Somente entrada	Solicitações de eco ICMP do hos 192.0.2.100 para o host 198.51.100.100 Respostas de eco ICMP do host 198.51.100.100 para o host 192.0.2.100

Tarefa 2

Use o FTD ou o ASA CLI para configurar e verificar uma captura de pacote na interface de uplink **in_mgmt_uplink1.** Somente os pacotes de conexões do plano de gerenciamento são capturados.

Topologia, fluxo de pacotes e pontos de captura



Configuração

Siga estas etapas no ASA ou FTD CLI para configurar uma captura de pacote na interface in_mgmt_uplink1:

1. Criar uma sessão de captura:

```
> capture capsw switch interface in_mgmt_uplink1
2. Ativar a sessão de captura:
```

> no capture capsw switch stop
Verificação

Verifique o nome da sessão de captura, o estado operacional e administrativo, o slot de interface e o identificador. Verifique se o valor de **Pcapsize** em bytes aumenta e se o número de pacotes capturados é diferente de zero:

> show capture capsw detail Packet Capture info Name: capsw Session: 1 Admin State: enabled Oper State: up Oper State Reason: Active Config Success: yes Config Fail Reason: Append Flag: overwrite Session Mem Usage: 256 Session Pcap Snap Len: 1518 Error Code: 0 0 Drop Count: Total Physical ports involved in Packet Capture: 1 Physical port: Slot Id: 1 Port Id: 19 /mnt/disk0/packet-capture/sess-1-capsw-mgmt-uplink1.pcap 137248 Pcapfile: Pcapsize: capsw-1-19 Filter: Packet Capture Filter Info Name: capsw-1-19 Protocol: 0 0 Tvlan: 0 Ovlan: Src Ip: 0.0.0.0 0.0.0.0 Dest Ip: Src Ipv6: :: Dest Ipv6: :: 00:00:00:00:00:00 Src MAC: 00:00:00:00:00:00 Dest MAC: 0 Src Port:

Total Physical breakout ports involved in Packet Capture: 0

281 packets captured on disk using switch capture

0

0

Dest Port:

Ethertype:

Reading of capture file from disk is not supported

Nesse caso, uma captura é criada na interface com um ID interno 19, que é a interface in_mgmt_uplink1 no Secure Firewall 3130. O comando show portmanager switch status no shell de comando FXOS local-mgmt mostra os IDs da interface:

> connect fr	os					
		- 1				
KSEC-FPR3100 KSEC-FPR3100)-1 (local-mgmt)	show por	rtmanage	r switch	status	
Dev/Port	Mode	Link	Speed	Duplex	Loopback Mode	Port Manager
0/1	SGMII	Up	1G	Full	None	Link-Up
0/2	SGMII	Up	1G	Full	None	Link-Up
0/3	SGMII	Up	1G	Full	None	Link-Up
0/4	SGMII	Up	1G	Full	None	Link-Up
0/5	SGMII	Down	1G	Half	None	Mac-Link-Down
0/6	SGMII	Down	1G	Half	None	Mac-Link-Down
0/7	SGMII	Down	1G	Half	None	Mac-Link-Down
0/8	SGMII	Down	1G	Half	None	Mac-Link-Down

0/9	1000_BaseX	Down	1G	Full	None	Link-Down
0/10	1000_BaseX	Down	1G	Full	None	Link-Down
0/11	1000_BaseX	Down	1G	Full	None	Link-Down
0/12	1000_BaseX	Down	1G	Full	None	Link-Down
0/13	1000_BaseX	Down	1G	Full	None	Link-Down
0/14	1000_BaseX	Down	1G	Full	None	Link-Down
0/15	1000_BaseX	Down	1G	Full	None	Link-Down
0/16	1000_BaseX	Down	1G	Full	None	Link-Down
0/17	1000_BaseX	Up	1G	Full	None	Link-Up
0/18	KR2	Up	50G	Full	None	Link-Up
0/19	KR	Up	25G	Full	None	Link-Up
0/20	KR	Up	25G	Full	None	Link-Up
0/21	KR4	Down	40G	Full	None	Link-Down
0/22	n/a	Down	n/a	Full	N/A	Reset
0/23	n/a	Down	n/a	Full	N/A	Reset
0/24	n/a	Down	n/a	Full	N/A	Reset
0/25	1000_BaseX	Down	1G	Full	None	Link-Down
0/26	n/a	Down	n/a	Full	N/A	Reset
0/27	n/a	Down	n/a	Full	N/A	Reset
0/28	n/a	Down	n/a	Full	N/A	Reset
0/29	1000_BaseX	Down	1G	Full	None	Link-Down
0/30	n/a	Down	n/a	Full	N/A	Reset
0/31	n/a	Down	n/a	Full	N/A	Reset
0/32	n/a	Down	n/a	Full	N/A	Reset
0/33	1000_BaseX	Down	1G	Full	None	Link-Down
0/34	n/a	Down	n/a	Full	N/A	Reset
0/35	n/a	Down	n/a	Full	N/A	Reset
0/36	n/a	Down	n/a	Full	N/A	Reset

Para acessar o FXOS no ASA, execute o comando **connect fxos admin**. No caso de multicontexto, execute esse comando no contexto do administrador.

Coletar arquivos de captura

Siga as etapas na seção Coletar arquivos de captura do switch interno do Secure Firewall 3100.

Capturar análise de arquivo

Use um aplicativo leitor de arquivo de captura de pacote para abrir os arquivos de captura da interface **in_mgmt_uplink1**. Verifique o ponto-chave - nesse caso, somente os pacotes do endereço IP de gerenciamento 192.0.2.200 são mostrados. Exemplos são pacotes SSH, Sftunnel ou ICMP echo reply. Esses são os pacotes enviados da interface de gerenciamento de aplicativos para a rede através do switch interno.

No.	Time	Source	Destination	Protocol	Length	IP ID	IP TTL Info	^
	196 2022-08-07 23:21:45.133362	192.0.2.200	192.0.2.101	TCP	1518	0xb7d0 (4705	5) 64 39181 → 8305 [ACK] Seq=61372 Ack=875 Win=1384 Len=1448 TS	
	197 2022-08-07 23:21:45.133385	192.0.2.200	192.0.2.101	TCP	1518	0xb7d1 (4705	7) 64 39181 → 8305 [ACK] Seq=62820 Ack=875 Win=1384 Len=1448 TS	
	198 2022-08-07 23:21:45.133388	192.0.2.200	192.0.2.101	TLSv1.2	990	0xb7d2 (4705	3) 64 Application Data	
	199 2022-08-07 23:21:45.928772	192.0.2.200	192.0.2.100	ICMP	78	Øxbd48 (4845	 64 Echo (ping) reply id=0x0001, seq=4539/47889, ttl=64 	
	200 2022-08-07 23:21:45.949024	192.0.2.200	192.0.2.101	TLSv1.2	128	0x4a97 (1909	64 Application Data	
	201 2022-08-07 23:21:45.949027	192.0.2.200	192.0.2.101	TCP	70	0x4a98 (1909	5) 64 8305 → 58885 [ACK] Seq=21997 Ack=26244 Win=4116 Len=0 TSv	
	202 2022-08-07 23:21:46.019895	192.0.2.200	192.0.2.101	TLSv1.2	100	0x4a99 (1909)	7) 64 Application Data	
	203 2022-08-07 23:21:46.019899	192.0.2.200	192.0.2.101	TLSv1.2	96	0x4a9a (1909	3) 64 Application Data	
	204 2022-08-07 23:21:46.019903	192.0.2.200	192.0.2.101	TCP	70	0x4a9b (1909	9) 64 8305 → 58885 [ACK] Seq=22053 Ack=26274 Win=4116 Len=0 TSv	
	205 2022-08-07 23:21:46.019906	192.0.2.200	192.0.2.101	TCP	70	0x4a9c (1910	B) 64 8305 → 58885 [ACK] Seq=22053 Ack=26300 Win=4116 Len=0 TSV	
	206 2022-08-07 23:21:46.136415	192.0.2.200	192.0.2.101	TCP	70	0xb7d3 (4705	9) 64 39181 → 8305 [ACK] Seq=65188 Ack=921 Win=1384 Len=0 TSval	
	207 2022-08-07 23:21:46.958148	192.0.2.200	192.0.2.100	ICMP	78	Øxbd9e (4854)	 64 Echo (ping) reply id=0x0001, seq=4540/48145, ttl=64 	
	208 2022-08-07 23:21:47.980409	192.0.2.200	192.0.2.100	ICMP	78	Øxbdf2 (4862	 64 Echo (ping) reply id=0x0001, seq=4541/48401, ttl=64 	
	209 2022-08-07 23:21:48.406312	192.0.2.200	192.0.2.101	TCP	70	0x4a9d (1910	L) 64 8305 → 58885 [ACK] Seq=22053 Ack=26366 Win=4116 Len=0 TSv	
	210 2022-08-07 23:21:48.903236	192.0.2.200	192.0.2.101	TLSv1.2	747	0x4a9e (1910)	2) 64 Application Data	
	211 2022-08-07 23:21:48.994386	192.0.2.200	192.0.2.100	ICMP	78	Øxbe48 (4871)	2) 64 Echo (ping) reply id=0x0001, seq=4542/48657, ttl=64	
	212 2022-08-07 23:21:50.008576	192.0.2.200	192.0.2.100	ICMP	78	0xbea6 (4880	5) 64 Echo (ping) reply id=0x0001, seq=4543/48913, ttl=64	
	213 2022-08-07 23:21:50.140167	192.0.2.200	192.0.2.101	TCP	1518	0xb7d4 (4706	0) 64 39181 → 8305 [ACK] Seq=65188 Ack=921 Win=1384 Len=1448 TS	
	214 2022-08-07 23:21:50.140171	192.0.2.200	192.0.2.101	TCP	1518	0xb7d5 (4706	L) 64 39181 → 8305 [ACK] Seq=66636 Ack=921 Win=1384 Len=1448 TS	
	215 2022-08-07 23:21:50.140175	192.0.2.200	192.0.2.101	TLSv1.2	990	0xb7d6 (4706)	2) 64 Application Data	
	216 2022-08-07 23:21:51.015884	192.0.2.200	192.0.2.100	ICMP	78	Øxbec1 (4883	3) 64 Echo (ping) reply id=0x0001, seq=4544/49169, ttl=64	
	217 2022-08-07 23:21:51.142842	192.0.2.200	192.0.2.101	TCP	70	0xb7d7 (4706)	B) 64 39181 → 8305 [ACK] Seq=69004 Ack=967 Win=1384 Len=0 TSval	
	218 2022-08-07 23:21:52.030118	192.0.2.200	192.0.2.100	ICMP	78	0xbf02 (4889	 64 Echo (ping) reply id=0x0001, seq=4545/49425, ttl=64 	
	219 2022-08-07 23:21:53.042744	192.0.2.200	192.0.2.100	ICMP	78	0xbf59 (4898	 64 Echo (ping) reply id=0x0001, seq=4546/49681, ttl=64 	
	220 2022-08-07 23:21:53.073144	192.0.2.200	192.0.2.100	SSH	170	Øxad34 (4434	64 Server: Encrypted packet (len=112)	
	221 2022-08-07 23:21:53.194906	192.0.2.200	192.0.2.100	TCP	64	Øxad35 (4434	L) 64 22 → 53249 [ACK] Seq=1025 Ack=881 Win=946 Len=0	
	222 2022-08-07 23:21:53.905480	192.0.2.200	192.0.2.101	TLSv1.2	747	0x4a9f (1910	3) 64 Application Data	
	223 2022-08-07 23:21:54.102899	192.0.2.200	192.0.2.100	ICMP	78	0xbf63 (4899	 64 Echo (ping) reply id=0x0001, seq=4547/49937, ttl=64 	
	224 2022-08-07 23:21:54.903675	192.0.2.200	192.0.2.101	TCP	70	0x4aa0 (1910	4) 64 8305 → 58885 [ACK] Seq=23407 Ack=26424 Win=4116 Len=0 TSv	
<	175 1011 00 07 12·11·55 126700	103 0 3 300	103 0 3 100	TCMD	70	Avhfe1 (1000	Aa-[++ CO103/0424-000 100004-bi v[non (min) 0403 4a (4	ĭ
5 En	amo 1: 747 butos on wino (5076 bits) 747 butos car	turod (5076 bi	+c)		0000 04	2 00 11 20 25 hr o7 12 24 05 00 00 00 45 00	
S Et	hernet II Spc: Cisco 34:92:00 (hc)	07:12:34:02:00)	Det: Cisco 11	·38·22 (24:53:00:11	-38-22)	0010 02 0	9 4a 3d 40 00 40 06 68 b4 c0 00 02 c8 c0 00 ······	
To	ternet Protocol Version 4 Src: 102	0 2 200 Det: 1	02 0 2 101	.50.20 (04.55.00.11	. 50.20)	0020 02 0	5 20 71 e6 05 67 1b 2a c5 db e3 6b d4 80 18 e g g ** ** k ***	
Te	ansmission Control Protocol Src Po	nt: 9305 Det Po	nt: 59995 Son	1 Acks 1 Long 6	77	0030 10 1	4 27 cc 00 00 01 01 08 0a 08 76 95 7f 91 02 ···································	
Te	answerst Laver Security	ic. 0505, 050 PO	i c. 56665, 564	. 1, ACK. 1, Cell. 0.	· ·	0040 3d 4	1 17 03 03 02 a0 22 6a 01 e0 ff cc 98 f9 af =A·····" j·····	
× III	ansport cayer security					0050 07 4	0 75 19 a4 d5 df 64 d8 fe 66 8e 9b cc 8d 2f -@udf/	
						0060 92 t	2 1a 64 e7 20 36 03 8e 48 02 5a 7c 85 30 d4 ···d·6··H·Z	
						0070 fa (0 a8 56 b8 ad a7 7e 19 3a c1 9c 4b 57 0e e0 ···V···~ ·:··KW··	
						0080 be e	f 95 22 84 c1 c1 9d 9f 24 78 b4 15 1c 44 0e ·································	
						0090 ea 0	b 43 9e 1t td a7 70 75 e5 6b a4 t8 2b ee 47 ···C····p u·k··+·G	
						00a0 2f 8	6 /3 8T D1 e1 D5 C6 5/ e3 a8 46 0e CD 26 D7 / S W.F. &	
						0000 50 0	d ch f5 df 01 08 50 86 15 17 55 68 6f 5d 040 &	
						10		v

Explicação

Quando uma captura de switch na interface de uplink de gerenciamento é configurada, somente os pacotes de entrada enviados da interface de gerenciamento de aplicativos são capturados. Os pacotes destinados à interface de gerenciamento de aplicativos não são capturados.

Esta tabela resume a tarefa:

Tarefa	Ponto de captura	Filtro interno	Direção	Tráfego capturado
Configurar e verificar uma captura de pacotes na interface de uplink de gerenciamento	in_mgmt_ uplink1	Nenhum	Somente entrada (da interface de gerenciamento à rede através do switch interno)	Respostas de eco ICMP do endereço IP gerenciamento FTD 192.0.2.200 para o h 192.0.2.100 Sftunnel do endereço IP de gerenciamen FTD 192.0.2.200 para o endereço IP do I 192.0.2.101 SSH do endereço IP de gerenciamento F 192.0.2.200 para o host 192.0.2.100

Filtros de captura de pacotes

Os filtros de captura de pacote do switch interno são configurados da mesma maneira que as capturas de plano de dados. Use as opções **ethernet-type** e **match** para configurar filtros.

Configuração

Siga estas etapas no ASA ou FTD CLI para configurar uma captura de pacote com um filtro que corresponda a quadros ARP ou pacotes ICMP do host 198.51.100.100 na interface Ethernet1/1:

1. Verifique o nome se:

Name	Security
inside	0
outside	0
diagnostic	0
	Name inside outside diagnostic

2. Crie uma sessão de captura para ARP ou ICMP:

> capture capsw switch interface inside ethernet-type arp

> capture capsw switch interface inside match icmp 198.51.100.100 Verificação

Verifique o nome da sessão de captura e o filtro. O valor Ethertype é **2054** em decimal e **0x0806** em hexadecimal:

> show capture capsw detail Packet Capture info capsw Name: Session: 1 Admin State: disabled Oper State: down Oper State Reason: Session_Admin_Shut Config Success: yes Config Fail Reason: Append Flag: overwrite Session Mem Usage: 256 Session Pcap Snap Len: 1518 0 Error Code: 0 Drop Count: Total Physical ports involved in Packet Capture: 1 Physical port: Slot Id: 1 Port Id: 1 Pcapfile: /mnt/disk0/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap Pcapsize: 0 Filter: capsw-1-1 Packet Capture Filter Info Name: capsw-1-1 0 Protocol: 0 Ivlan: Ovlan: 0 0.0.0.0 Src Ip: Dest Ip: 0.0.0.0 Src Ipv6: :: Dest Ipv6: :: 00:00:00:00:00:00 Src MAC: 00:00:00:00:00:00 Dest MAC: Src Port: 0 Dest Port: 0 2054 Ethertype:

Total Physical breakout ports involved in Packet Capture: 0

0 packet captured on disk using switch capture

Reading of capture file from disk is not supported Esta é a verificação do filtro para ICMP. O protocolo IP 1 é o ICMP:

> show capture capsw detail

Packet Capture info	
Name:	capsw
Session:	1
Admin State:	disabled
Oper State:	down
Oper State Reason:	Session_Admin_Shut
Config Success:	yes
Config Fail Reason:	:
Append Flag:	overwrite
Session Mem Usage:	256
Session Pcap Snap I	Len: 1518
Error Code:	0
Drop Count:	0

Total Physical ports involved in Packet Capture: 1

Filter:	capsw-1-1
Pcapsize:	0
Pcapfile:	/mnt/disk0/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap
Port Id:	1
Slot Id:	1
Physical port:	

Packet Capture Filter Info

Name:	capsw-1-1
Protocol:	1
Ivlan:	0
Ovlan:	0
Src Ip:	198.51.100.100
Dest Ip:	0.0.0
Src Ipv6:	::
Dest Ipv6:	::
Src MAC:	00:00:00:00:00:00
Dest MAC:	00:00:00:00:00:00
Src Port:	0
Dest Port:	0
Ethertype:	0

Total Physical breakout ports involved in Packet Capture: 0

0 packets captured on disk using switch capture

Reading of capture file from disk is not supported

Coletar arquivos de captura do switch interno do Secure Firewall 3100

Use o ASA ou o FTD CLI para coletar arquivos de captura do switch interno. No FTD, o arquivo de captura também pode ser exportado através do comando CLI **copy** para destinos acessíveis através das interfaces de dados ou diagnóstico.

Como alternativa, o arquivo pode ser copiado para /ngfw/var/common no modo especialista e baixado do FMC através da opção Download de arquivo.

No caso de interfaces port-channel, certifique-se de coletar arquivos de captura de pacotes de todas as interfaces membro.

ASA

Siga estas etapas em para coletar arquivos de captura do switch interno no ASA CLI:

1. Pare a captura:

asa# capture capsw switch stop

2. Verifique se a sessão de captura foi interrompida e observe o nome do arquivo de captura.

```
asa# show capture capsw detail
Packet Capture info
Name:
                 capsw
Session:
                1
                disabled
Admin State:
 Oper State:
                 down
 Oper State Reason: Session_Admin_Shut
Config Success: yes
Config Fail Reason:
Append Flag: overwrite
Session Mem Usage: 256
Session Pcap Snap Len: 1518
Error Code: 0
Drop Count:
                0
Total Physical ports involved in Packet Capture: 1
Physical port:
Slot Id:
                1
Port Id:
                1
 Pcapfile:
                /mnt/disk0/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap
Pcapsize:
                139826
Filter:
                 capsw-1-1
Packet Capture Filter Info
        capsw-1-1
Name:
                0
Protocol:
                0
Ivlan:
                0
Ovlan:
                0.0.0.0
Src Ip:
                0.0.0.0
Dest Ip:
Src Ipv6:
                 ::
Dest Ipv6:
                 ::
Src MAC:
                00:00:00:00:00:00
                00:00:00:00:00:00
Dest MAC:
Src Port:
                0
Dest Port:
                 0
Ethertype:
                0
Total Physical breakout ports involved in Packet Capture: 0
886 packets captured on disk using switch capture
Reading of capture file from disk is not supported
  3. Use o comando CLI copy para exportar o arquivo para destinos remotos:
```

asa# copy flash:/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap ?
cluster: Copy to cluster: file system
disk0: Copy to disk0: file system

```
disk1:
               Copy to disk1: file system
flash:
               Copy to flash: file system
ftp:
               Copy to ftp: file system
running-config Update (merge with) current system configuration
scp:
              Copy to scp: file system
              Copy to smb: file system
smb:
startup-config Copy to startup configuration
system:
               Copy to system: file system
               Copy to tftp: file system
tftp:
asa# copy flash:/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap tftp://198.51.100.10/
Source filename [/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap]?
Destination filename [sess-1-capsw-ethernet-1-1-0.pcap]?
Copy in progress...C
139826 bytes copied in 0.532 secs
```

```
FTD
```

Siga estas etapas para coletar arquivos de captura do switch interno no FTD CLI e copiá-los para servidores acessíveis via interfaces de dados ou diagnóstico:

1. Vá para o diagnóstico CLI:

```
> system support diagnostic-cli
Attaching to Diagnostic CLI ... Click 'Ctrl+a then d' to detach.
Type help or '?' for a list of available commands.
```

firepower> enable
Password: <-- Enter
firepower#
2. Pare a captura:</pre>

```
firepower# capture capi switch stop
```

3. Verifique se a sessão de captura foi interrompida e observe o nome do arquivo de captura:

```
firepower# show capture capsw detail
Packet Capture info
Name:
                capsw
Session:
                 1
Admin State:
                disabled
 Oper State:
                  down
 Oper State Reason: Session_Admin_Shut
Config Success: yes
Config Fail Reason:
Append Flag:
             overwrite
Session Mem Usage: 256
Session Pcap Snap Len: 1518
Error Code:
             0
Drop Count:
                 0
Total Physical ports involved in Packet Capture: 1
Physical port:
Slot Id:
                  1
Port Id:
                 1
 Pcapfile:
                  /mnt/disk0/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap
                 139826
Pcapsize:
Filter:
                  capsw-1-1
```

Name:	capsw-1-1
Protocol:	0
Ivlan:	0
Ovlan:	0
Src Ip:	0.0.0.0
Dest Ip:	0.0.0.0
Src Ipv6:	::
Dest Ipv6:	::
Src MAC:	00:00:00:00:00:00
Dest MAC:	00:00:00:00:00:00
Src Port:	0
Dest Port:	0
Ethertype:	0

Total Physical breakout ports involved in Packet Capture: 0

886 packets captured on disk using switch capture

Reading of capture file from disk is not supported

4. Use o comando CLI copy para exportar o arquivo para destinos remotos.

```
firepower# copy flash:/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap ?
cluster: Copy to cluster: file system
disk0:
              Copy to disk0: file system
disk1:
              Copy to disk1: file system
flash:
              Copy to flash: file system
               Copy to ftp: file system
ftp:
running-config Update (merge with) current system configuration
scp:
               Copy to scp: file system
smb:
               Copy to smb: file system
startup-config Copy to startup configuration
              Copy to system: file system
system:
tftp:
               Copy to tftp: file system
firepower# copy flash:/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap tftp://198.51.100.10/
Source filename [/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap]?
```

```
Destination filename [sess-1-capsw-ethernet-1-1-0.pcap]?
Copy in progress...C
```

139826 bytes copied in 0.532 secs

Siga estas etapas em para coletar arquivos de captura do FMC por meio da opção **Download de** arquivo:

1. Pare a captura:

> capture capsw switch stop

 Verifique se a sessão de captura foi interrompida e observe o nome do arquivo e o caminho completo do arquivo de captura:

```
> show capture capsw detail
Packet Capture info
Name: capsw
Session: 1
Admin State: disabled
Oper State: down
Oper State Reason: Session_Admin_Shut
Config Success: yes
Config Fail Reason:
Append Flag: overwrite
```

Session Mem Usage: 256 Session Pcap Snap Len: 1518 Error Code: 0 Drop Count: 0 Total Physical ports involved in Packet Capture: 1 Physical port: Slot Id: 1 Port Id: 1 Pcapfile: /mnt/disk0/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap Pcapsize: 139826 Filter: capsw-1-1 Packet Capture Filter Info capsw-1-1 Name: 0 Protocol: Ivlan: 0 Ovlan: 0 Src Ip: 0.0.0.0 Dest Ip: 0.0.0.0 Src Ipv6: :: Dest Ipv6: :: 00:00:00:00:00:00 Src MAC: Dest MAC: 00:00:00:00:00:00 0 Src Port: Dest Port: 0 0 Ethertype:

Total Physical breakout ports involved in Packet Capture: 0 886 packets captured on disk using switch capture Reading of capture file from disk is not supported

Vá para o modo especialista e mude para o modo raiz:

> expert
admin@firepower:~\$ sudo su
root@firepower:/home/admin

4. Copie o arquivo de captura para /ngfw/var/common/:

root@KSEC-FPR3100-1:/home/admin cp /mnt/disk0/packet-capture/sess-1-capsw-ethernet-1-1-0.pcap /ngfw/var/common/ root@KSEC-FPR3100-1:/home/admin ls -1 /ngfw/var/common/sess*

-rwxr-xr-x 1 root admin 139826 Aug 7 20:14 /ngfw/var/common/sess-1-capsw-ethernet-1-1-0.pcap -rwxr-xr-x 1 root admin 24 Aug 6 21:58 /ngfw/var/common/sess-1-capsw-ethernet-1-3-0.pcap

5. No FMC, escolha **Devices > File Download**:



6. Escolha o FTD, forneça o nome do arquivo de captura e clique em Download:

Threat Defense CLI Packet Capture Packet Tracer

Diretrizes, limitações e práticas recomendadas para captura de pacotes de switch interno

Diretrizes e limitações:

- Há suporte para várias sessões de configuração de captura de switch, mas apenas uma sessão de captura de switch pode estar ativa por vez. Uma tentativa de ativar 2 ou mais sessões de captura resulta em um erro "ERRO: Falha ao habilitar a sessão, pois o limite máximo de 1 sessão ativa de captura de pacotes foi atingido".
- Uma captura de switch ativo não pode ser excluída.
- As capturas de switch não podem ser lidas no aplicativo. O usuário deve exportar os arquivos.
- Determinadas opções de captura de plano de dados, como **dump, decode, packet-number, trace** e outras, não são suportadas para capturas de switch.
- No caso do ASA multicontexto, as capturas de switch nas interfaces de dados são configuradas em contextos de usuário. As capturas de switch nas interfaces in_data_uplink1 e in_mgmt_uplink1 são suportadas apenas no contexto admin.

Esta é a lista de práticas recomendadas com base no uso da captura de pacotes em casos de TAC:

- Esteja ciente das diretrizes e limitações.
- Use filtros de captura.
- Considere o impacto do NAT nos endereços IP do pacote quando um filtro de captura é configurado.
- Aumente ou diminua o comprimento do pacote que especifica o tamanho do quadro, caso ele seja diferente do valor padrão de 1518 bytes. Um tamanho menor resulta em um número maior de pacotes capturados e vice-versa.
- Ajuste o tamanho do buffer conforme necessário.
- Esteja ciente da **contagem de queda** na saída do comando **show cap <cap_name> detail**. Quando o limite de tamanho do buffer for atingido, o contador de contagem de queda aumentará.

Informações Relacionadas

- Guias de configuração da CLI do FXOS e do gerenciador de chassi do Firepower 4100/9300
- Guia de introdução do Cisco Secure Firewall 3100
- <u>Referência de comandos FXOS do Cisco Firepower 4100/9300</u>

Sobre esta tradução

A Cisco traduziu este documento com a ajuda de tecnologias de tradução automática e humana para oferecer conteúdo de suporte aos seus usuários no seu próprio idioma, independentemente da localização.

Observe que mesmo a melhor tradução automática não será tão precisa quanto as realizadas por um tradutor profissional.

A Cisco Systems, Inc. não se responsabiliza pela precisão destas traduções e recomenda que o documento original em inglês (link fornecido) seja sempre consultado.