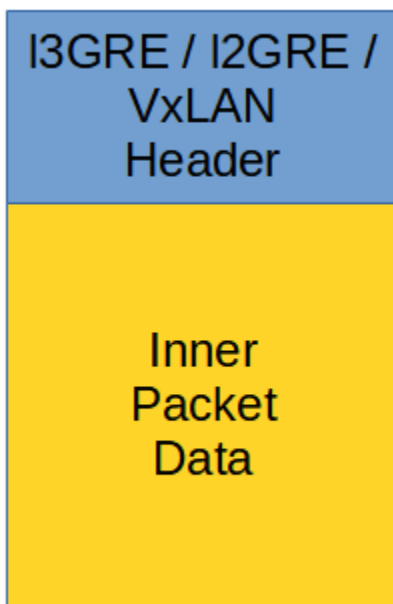


## Decapsulate

Typically, packet decapsulation decisions are made using header data only. However, in some cases it is necessary to make packet decapsulation decisions based on using the header data and inner packet data. Inner Match may be used to decapsulate I3GRE, I2GRE and VxLAN packets using the header data and inner packet data.



Decapsulating the I3GRE, I2GRE or VxLAN header from a packet using Inner Match involves three configuration procedures.

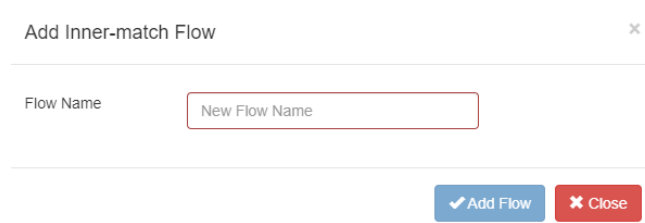
1. Create the Inner Match Flow
2. Create the Flow
3. Create the TAP Group

*This document discusses the procedures to create the Inner Match Flow and the Flow. The procedure to create a TAP Group is discussed in the TAP Group Guide.*

## Create the Inner Match Flow

1. Select TAP Management.
2. Select Inner Match.
3. Select + Add Inner-match Flow.

*The Add Inner-match Flow panel will appear.*



4. Enter the Flow Name.
5. Select Add Flow.

*The Inner Match flow will be displayed.*

TAP Inner-match Flow Statistics				+ Add Inner-match Flow
#	Flow Name	Remark	Options	
1	New	N/A	+ 🗑️	

6. Select the + in the Options column to define the attributes.

*The Add Flow Entry panel will be displayed.*

### Inner Match Rule Section

- Determines the packet inner match filter criteria

7. Select the desired inner match options and enter the desired values.
8. Select OK.
9. Select the flow name to display the attributes.

*The Flow Entry panel will be displayed.*

#	Flow Entry	Options
1	sequence-num 1 match any src-ip host 10.10.10.10 dst-ip any	

✖ Close

## Create the Flow

1. Select TAP Management.
2. Select Flow.
3. Select + Add Flow.

*The Add Flow panel will appear.*

Add Flow ✖

---

Flow Name

Decap  off

---

✔ Add Flow
✖ Close

4. Enter the Flow Name.
5. Enable Decap.
6. Select Add Flow.

*The flow will be displayed.*

TAP Flow Statistics <span style="float: right;">+ Add Flow</span>				
#	Flow Name	Remark	Decap	Options
1	New	N/A	Enable	

7. Select the + in the Options column to define the attributes.

*The Add Flow Entry panel will be displayed.*

The Add Flow Entry panel is divided into two sections, match rule and action.

## Match Rule Section

- Defines whether the packets are permitted or denied
- Determines the permitted or denied packet filter criteria
- Determines which permitted packets will be modified by any action(s) selected and defined in the action section

## Action Section

- The action section is used to define the modification(s) that will be performed on any packet(s) that is permitted by the match rule section

## Flow Match Rule Options

8. Action                      permit

### I3GRE

9. IP Protocol Number    gre

10. Select any other desired options and enter the desired values to define which I3GRE packets will be decapsulated. The defaults may be used.

11. Select OK.

### I2GRE

9. IP Protocol Number    nvgre

10. Select any other desired options and enter the desired values to define which I2GRE packets will be decapsulated. The defaults may be used.

11. Select OK.

### VXLAN

9. IP Protocol Number    udp

10. Dst-port            enable

11. Type                eq


12. Port                4789

- 13. Inner Match            enable
- 14. Inner Match            Select desired inner match flow
- 15. Vxlan-VNI              enable
- 16. ID                        VxLAN VNI value
- 17. Wildcard                0x0
- 18. Select OK.

19. Select the flow name to display the attributes.

*The Flow Entry panel will be displayed*

New
✕

#	Flow Entry	Options
1	sequence-num 10 permit udp dst-port eq 4789 vxlan-vni 1234 0x0 src-ip any dst-ip any inner-match New	

✕ Close

*Additional entries may be created for the flow. Entries may be deleted by selecting the Trash Can. Entries may not be modified.*