The Advanced Features supports truncation. The truncation byte values range from 64 to 144 bytes, the default is 144 bytes. When truncation is applied to a packet the bytes after the truncation value are sliced. Example, if the truncation value is set to 80 bytes and a packet has 1024 bytes, after the packet is truncated, bytes 1 through 80 are kept and bytes 81 through 1024 are sliced. Any packet smaller than the truncation value will pass normally.

Truncation may be enabled, defined and applied via the following methods:

- To a flow per the global value
- To an ACL, define value and assign to egress port(s).
- To ingress port(s) via TAP Group

This document discusses the procedure to enable truncation and define the global value, apply truncation to a flow and apply truncation to an ACL. The procedure to apply truncation to ingress port(s) as the TAP group is created is discussed in the TAP Group guide.
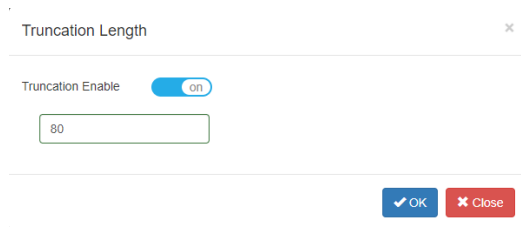
Enable Truncation and Define Global Value

1. Select TAP Management.

2. Select TAP Group Table.

3. Select Truncation.

> *The Truncation Length panel will appear.*
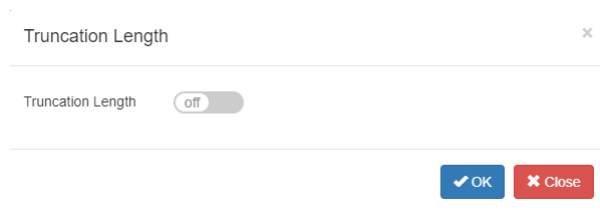
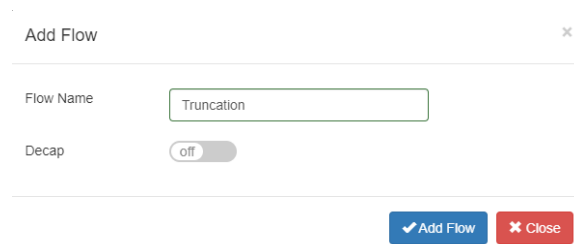

4. Select Truncation Length enable.

5. Enter the Truncation byte length, (64-144).

6. Select OK.

Apply to a Flow

1. Select TAP Management.

2. Select Flow.

3. Select + Add Flow.

> *The Add Flow panel will appear.*

Add Flow	×
Flow Name	Truncation
Decap	off

✓ Add Flow   ✗ Close

4. Enter the Flow Name.

5. Select Add Flow.

> *The flow will be displayed.*

TAP Flow Statistics				+ Add Flow
#	Flow Name	Remark	Decap	Options
1	Truncation	N/A	Disable	+ 🗑

6. 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 Options

7. Enable and define the desired options.

Flow Action Options

8. Truncation   enable

All other action options are disabled.

9. Select OK.

10. Select the flow name to display the attributes.

The Flow Entry panel will be displayed

Truncation		✕

#	Flow Entry	Options
1	sequence-num 10 permit any src-ip any dst-ip any truncation	🗑

✕ Close

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

Apply to an ACL, Define Value and Assign to Egress Port(s).

1. Select TAP Management.

2. Select ACL.

3. Select + Add ACL.

The Add ACL panel will appear.

Add Acl	✕
Name	Truncation

✔ Add Acl   ✕ Close

4. Enter the ACL Name.

5. Select Add ACL.

The ACL will be displayed.

#	Name	Remark	Port	Options
				+ Add Acl
1	Truncation	N/A		+ 𝒮 🗑

TAP ACL Statistics

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

The Add panel will be displayed.

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

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

Truncation Section

- The truncation section is used to enable truncation and define the truncation length that will be performed on any packet(s) that is permitted by the match rule section

ACL Match Options

7. Enable and define the desired options.

ACL Truncation Options

8. Truncation Enable   enable

9. Truncation Length   enable

10. Value   Enter the desired value. Range 64 to 144.

11. Select OK.

12. Select the ACL name to display the attributes.

The Flow Entry panel will be displayed

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Truncation   ✕

#	Entry	Options
1	sequence-num 10 permit any src-ip any dst-ip any truncation 64	🗑

✖ Close

13. Select Apply under the Options column.

14. Select the desired egress port(s).

15. Select OK.

The ACL will be displayed with the assigned port(s).

TAP ACL Statistics   **+ Add Acl**

#	Name	Remark	Port	Options
1	Truncation	N/A	eth-0-1 eth-0-10	+ 🔗 🗑