



Initial User Training

Summary

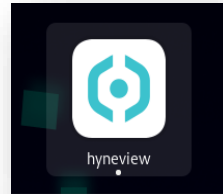
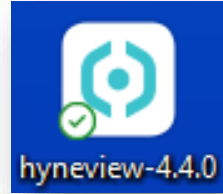
1. Hyneview Launch
2. Range Connection
3. HMI Presentation
4. Topology Management
5. Entity Management
6. Wire Management
7. Features



Hyneview Launch

Hyneview Launch

- On Windows system
- On Linux system



```
hns@debian: ~ 135x24
hns@debian:~$ hyneview
Warning: Ignoring XDG_SESSION_TYPE=wayland on Gnome. Use QT_QPA_PLATFORM=wayland to run on Wayland anyway.
Using QLoggingCategory::setFilterRules: "diamesh.filetransfer=false"
```

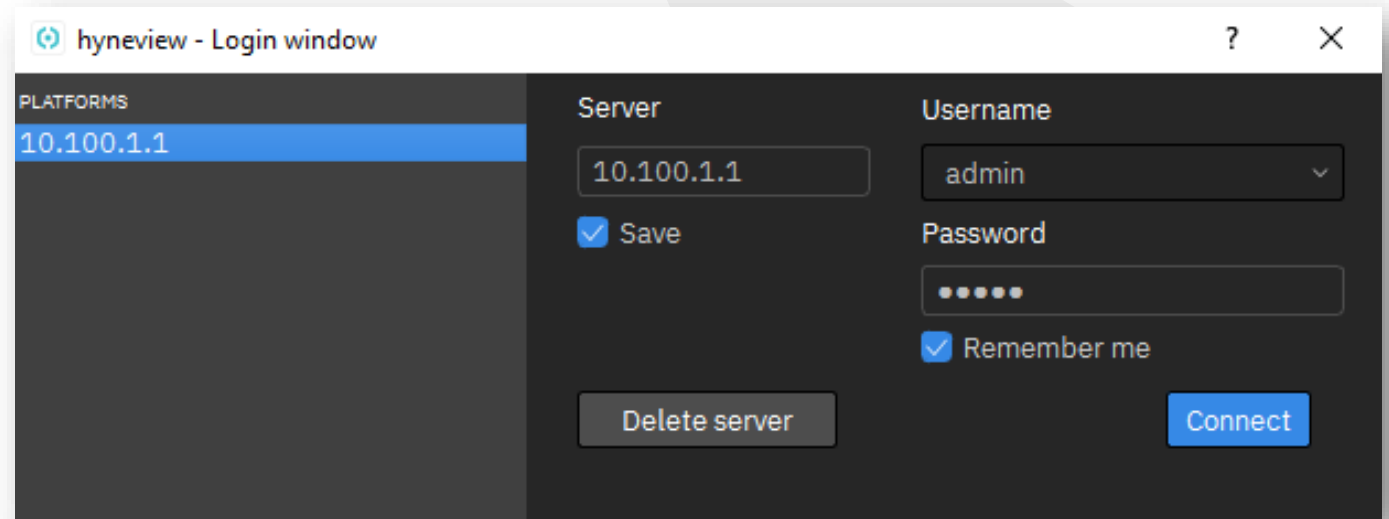


Connect to Cyber Range

Connect to Cyber Range

- Mandatory informations

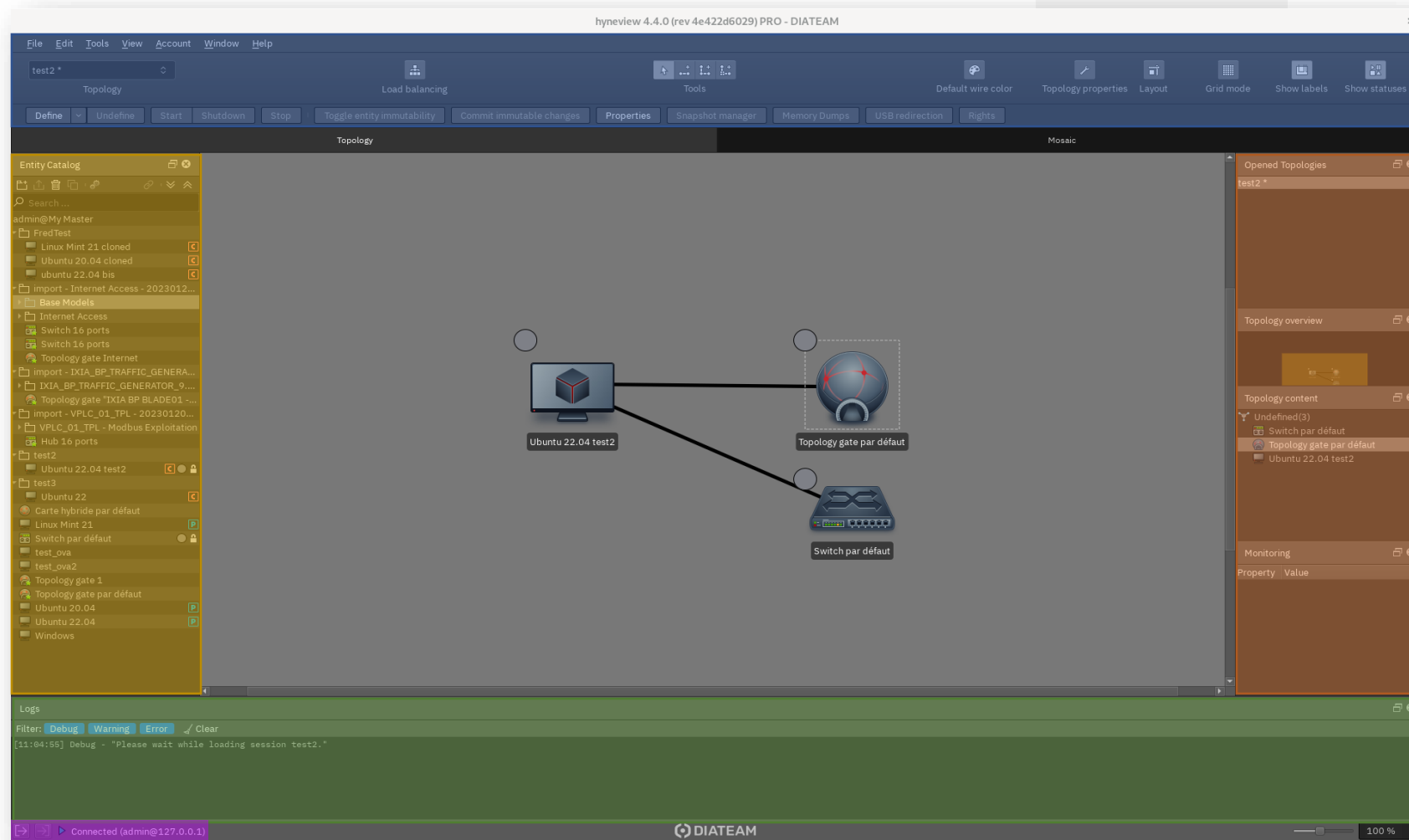
- Cyber Range IP Address
- Username
- Password





HMI Presentation

HMI Presentation



HMI Presentation

- Connection to Cyber Range
 - Tools connection

Connect to Cyber Range

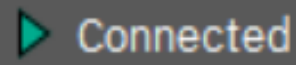


Disconnect to Cyber Range

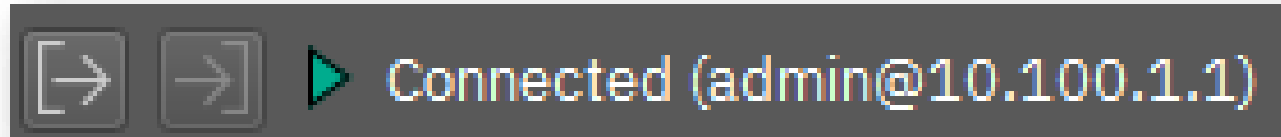
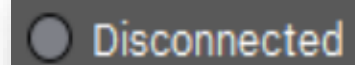


- Status connection

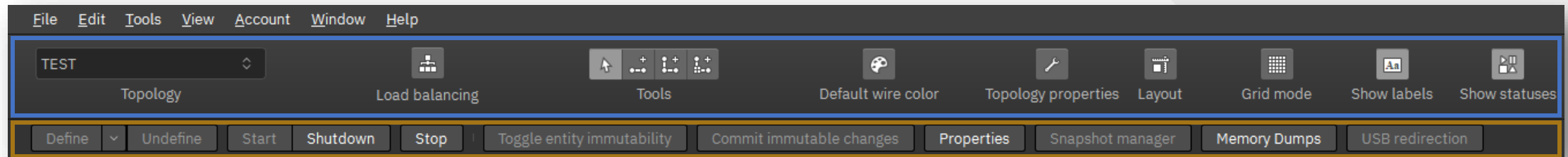
Connect status



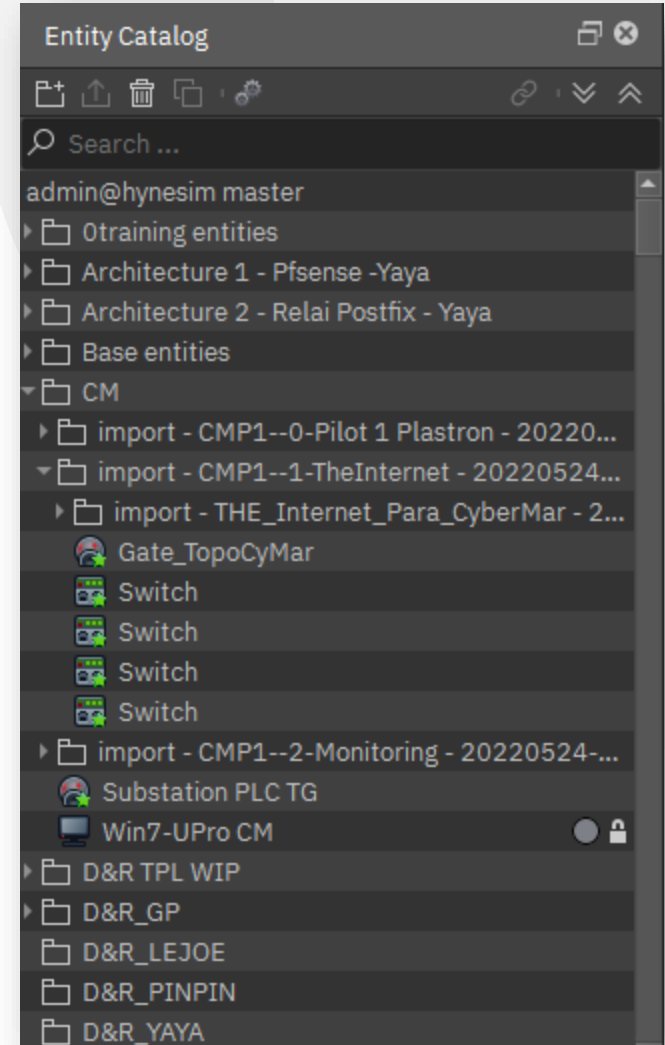
Disconnect status



- Quick actions
 - Quick actions for topologies
 - Quick actions for entities



- Entity Catalog
 - Access to entities available on Cyber Range
 - Starter pack content
 - Customized entities



- Topology Overview
 - Display information about session usage
 - List all opened topologies
 - Display the current topology overview
 - Display entities in the current topology
 - Display the topology monitoring

The screenshot displays a software interface with a dark theme. It features several panels:

- Opened Topologies:** A header with a close icon. Below it, a tab labeled "TEST *".
- Topology overview:** A header with a close icon. Below it, a small, dimly lit visualization of a network topology.
- Topology content:** A header with a close icon. Below it, a list of entities: "Default topology gate", "Diateam", "Kali", "Ubuntu", and "Windows", each with a small icon.
- Monitoring:** A header with a close icon. Below it, a table showing system metrics.

Property	Value
CPU Usage	0.50 %
Host CPU Usage	0.50 %
Allocated Memory	2.00 GiB
Used Memory	62.26 MiB

- Logs Overview
 - Display information about session usage
 - Debug / Warning / Error

```
Logs
Filter: Debug Warning Error Clear
[12:30:48] Warning - "Could not add entity to content model. ID already used."
[12:31:28] Debug - "Please wait while loading session DETECT_AND_REACT."
[13:27:11] Debug - "Please wait while loading session TEST."
[13:29:00] Error - "Unable to remove wire 4681"
Connected (admin@10.100.1.1) DIATEAM 100 %
```

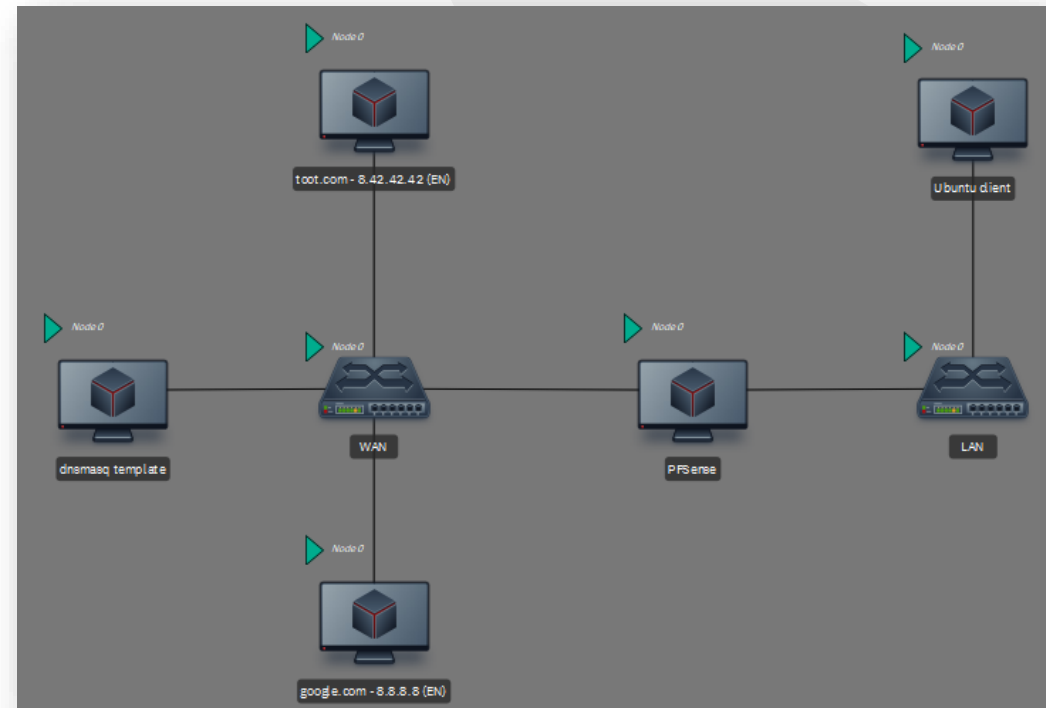


Topology Management

Topology Management

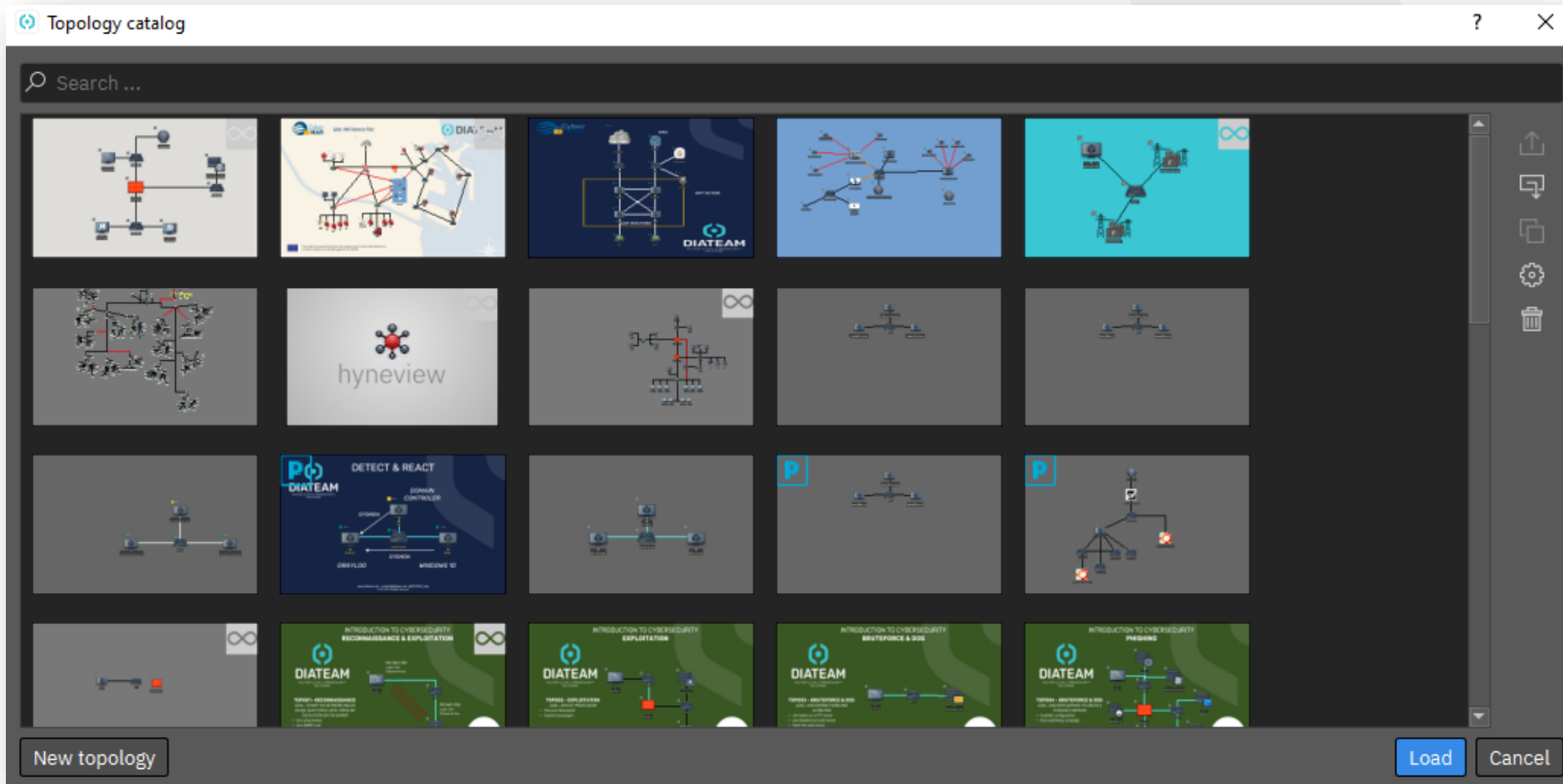
- Topology Composition
- Topology Catalog
- Create a new topology
- Open/Load a topology
- Save a topology
- Unload a topology
- Remove a topology
- Clone a topology
- Topology properties
- Topology statuses
- Topology navigation
- Customize a topology

- Topology Composition
 - Area to display all entities that compose the topology
 - Switchs
 - Diodes
 - TopologyGates
 - Hybrid Netcards
 - Domains
 - Links between all elements



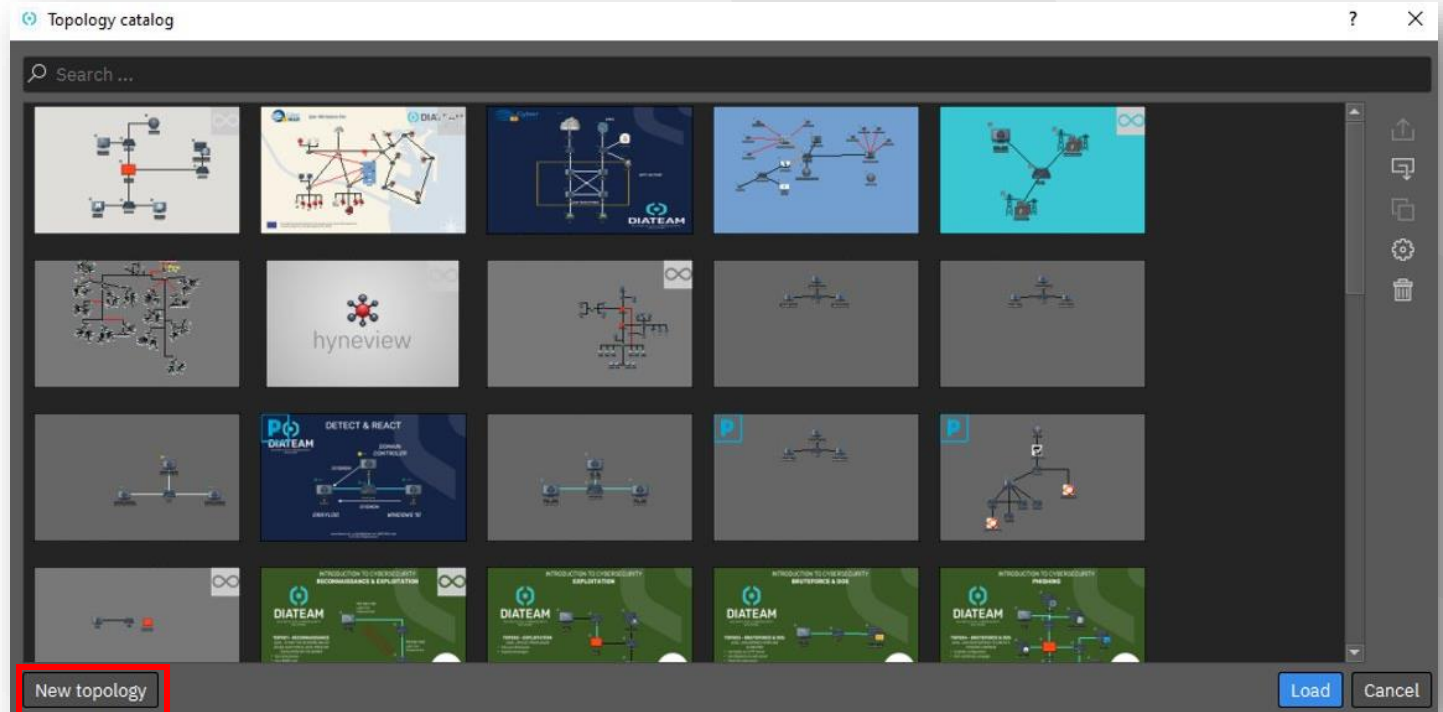
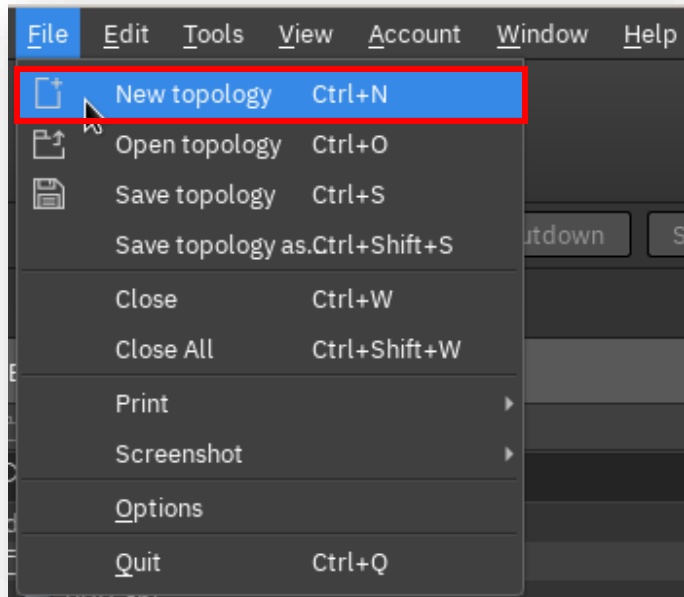
Topology Management

- Topology Catalog



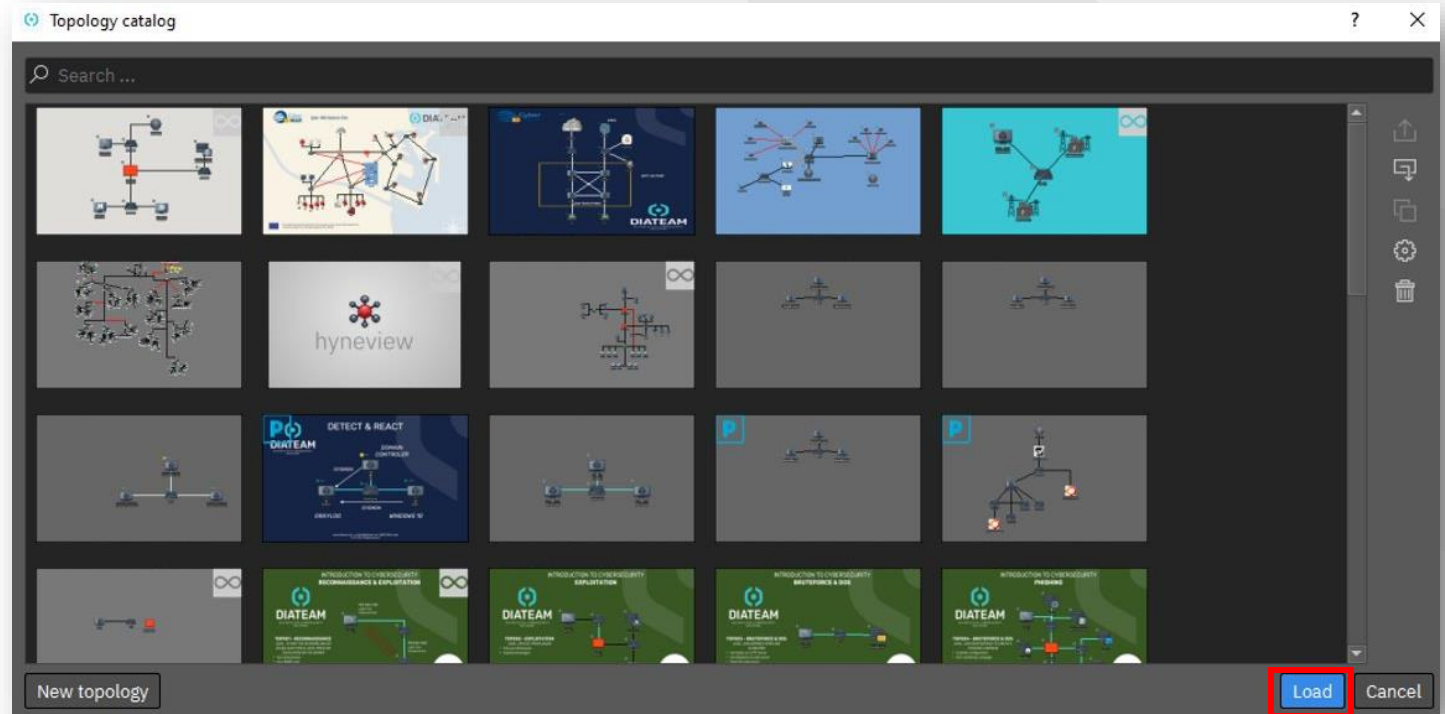
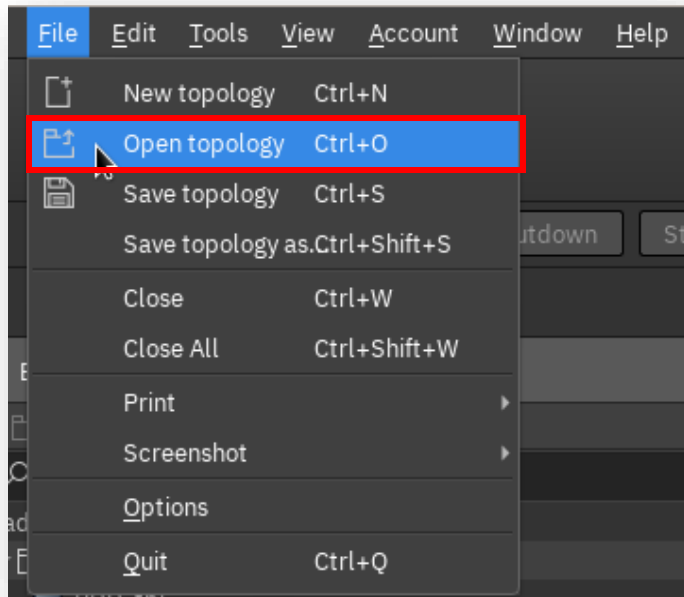
Topology Management

- Create a new topology



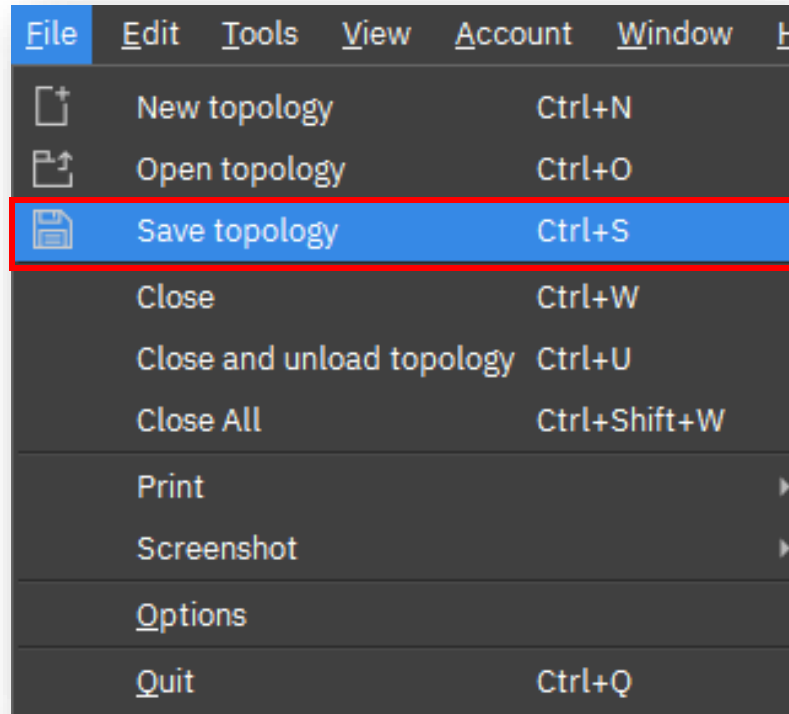
Topology Management

- Open/Load a topology



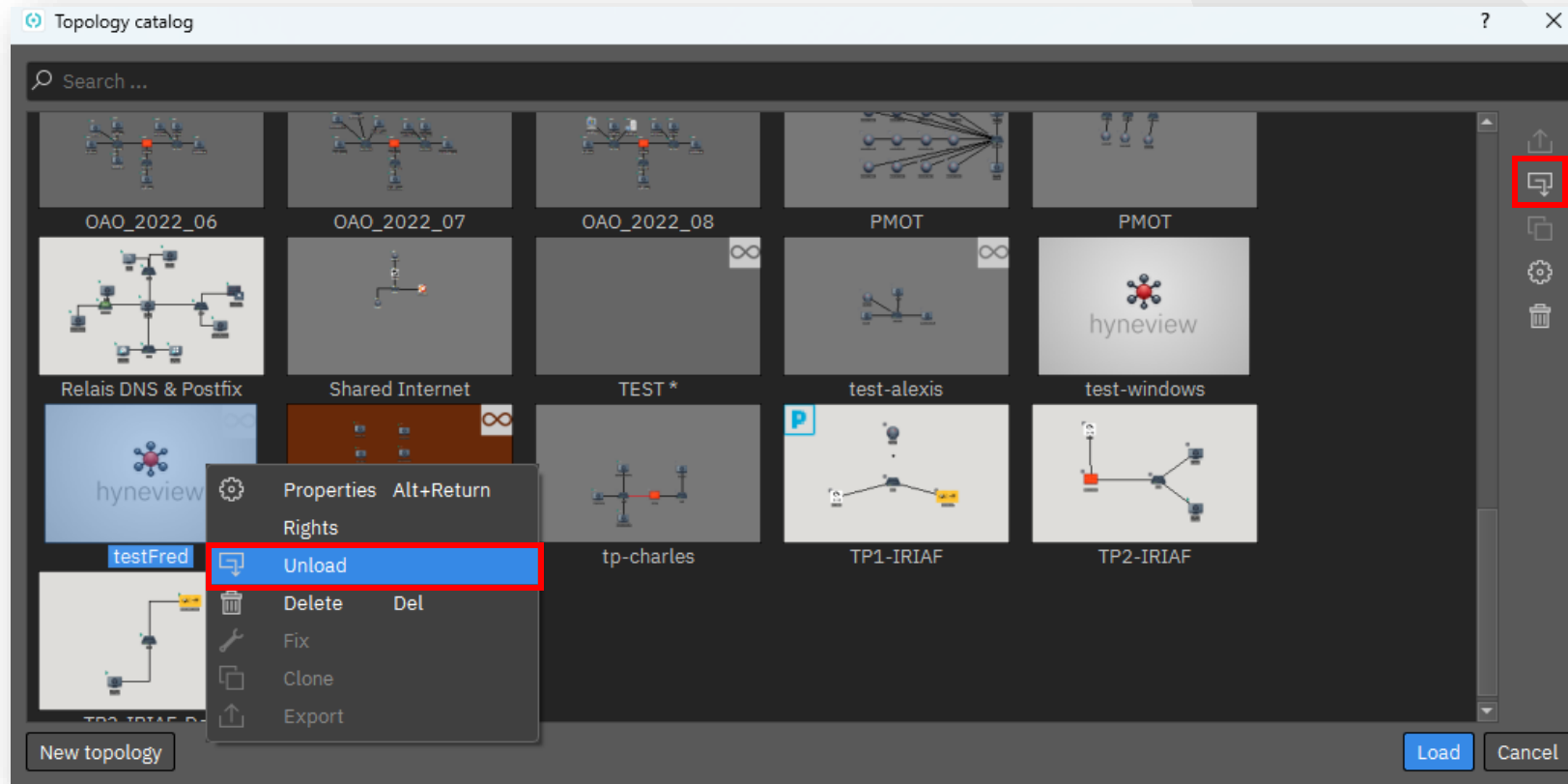
Topology Management

- Save a topology



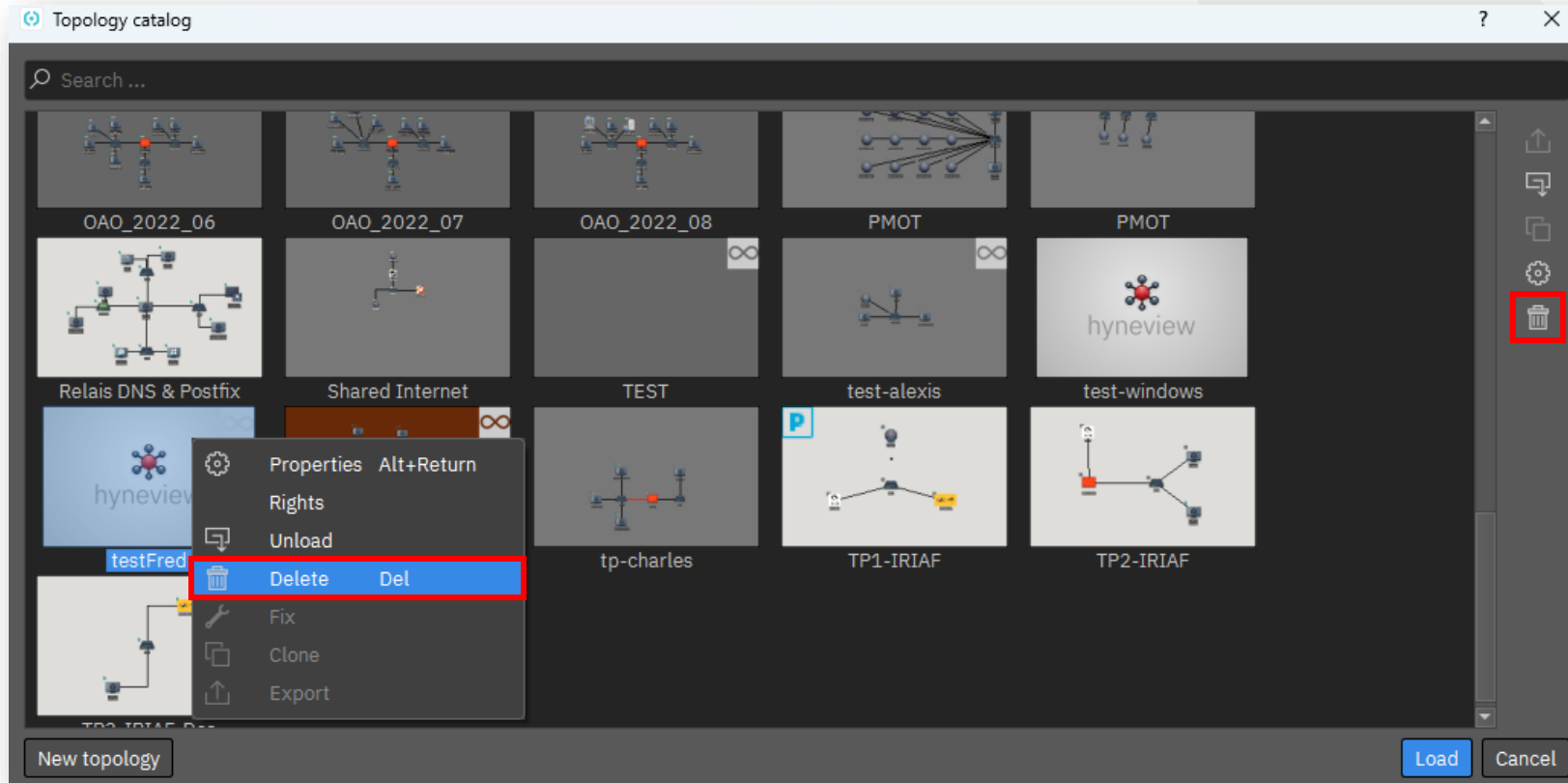
Topology Management

- Unload a topology



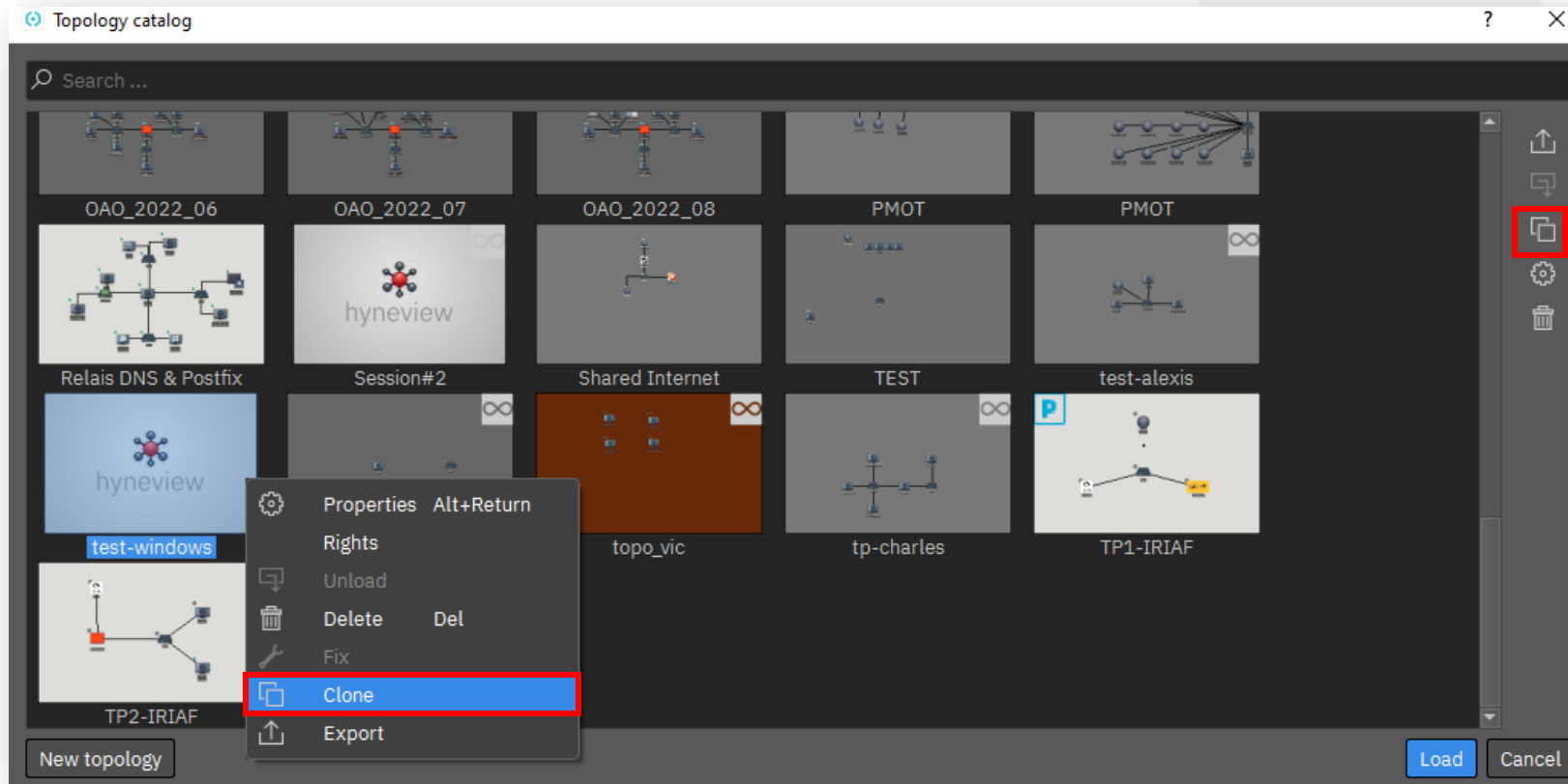
Topology Management

- Delete a topology



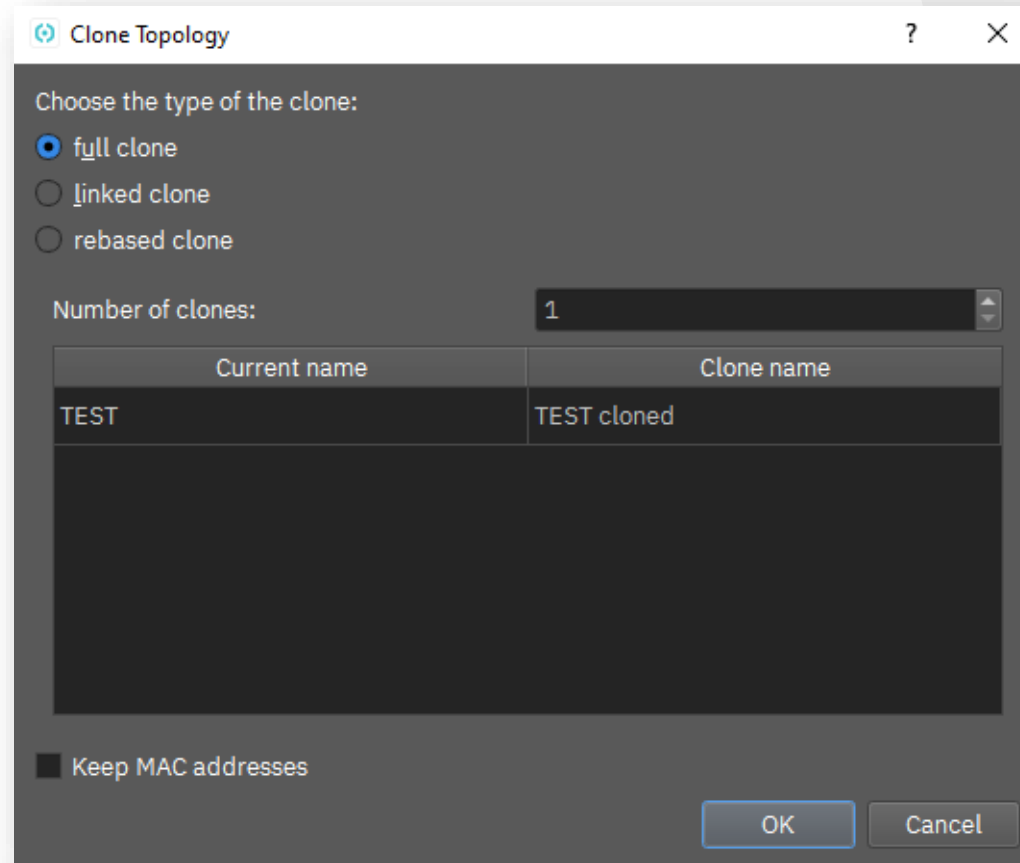
Topology Management

- Clone a topology



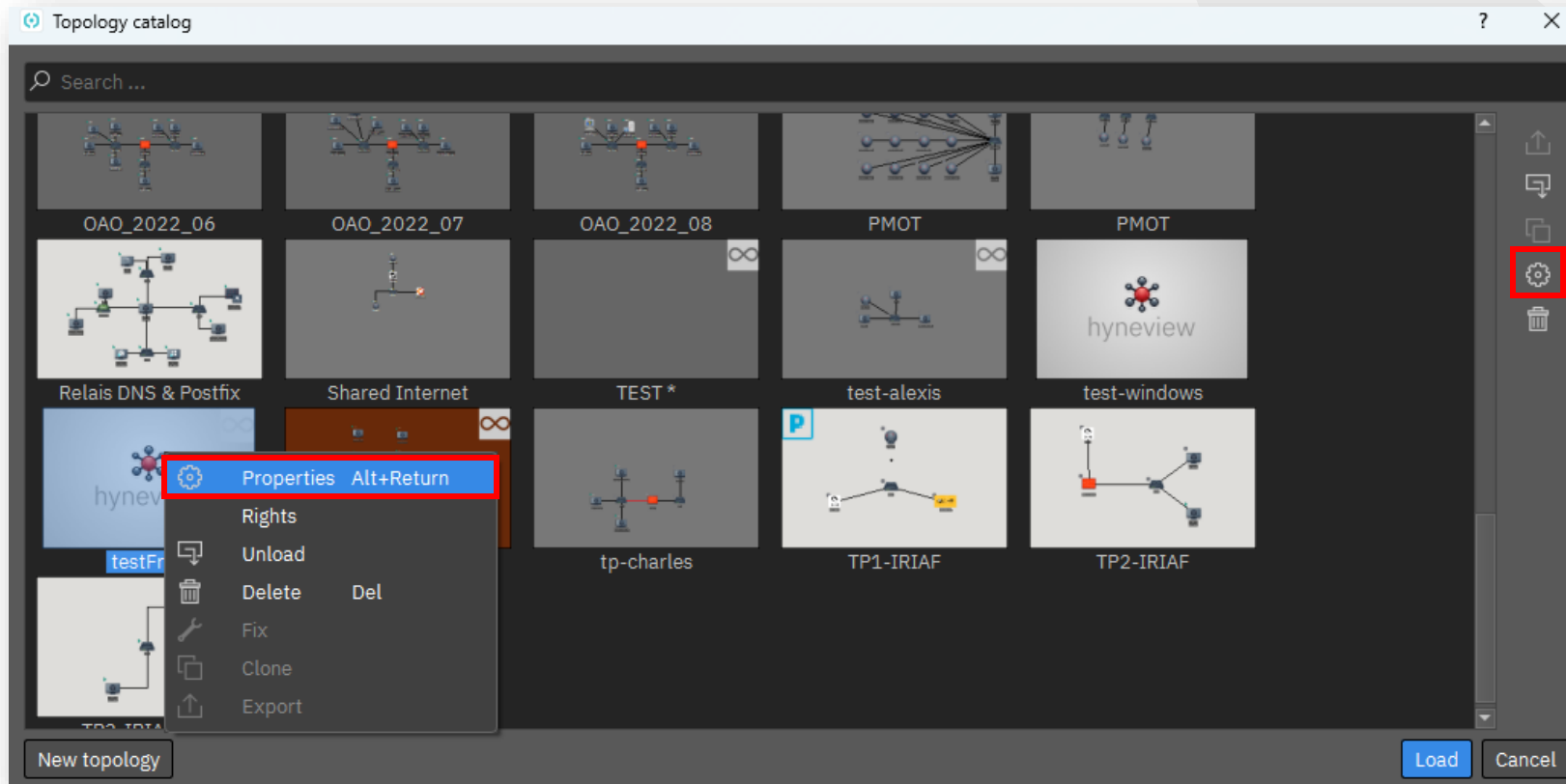
Topology Management

- Clone a topology



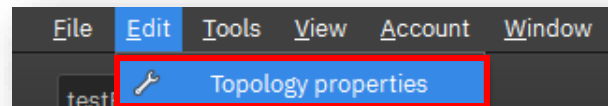
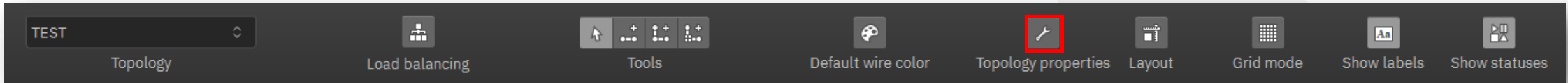
Topology Management

- Topology properties



Topology Management

- Topology properties



- Topology properties

The image displays three overlapping screenshots of the 'Properties: TEST' dialog box, illustrating different configuration options for a topology.

General Tab: Shows the 'Short name' field set to 'TEST'. Other fields include 'Long name', 'Description', 'Tags', and 'Destination Catalog'.

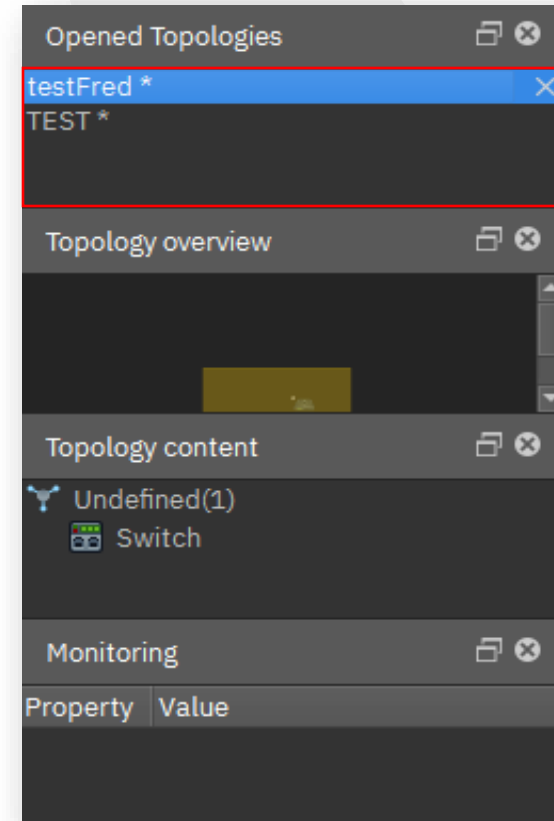
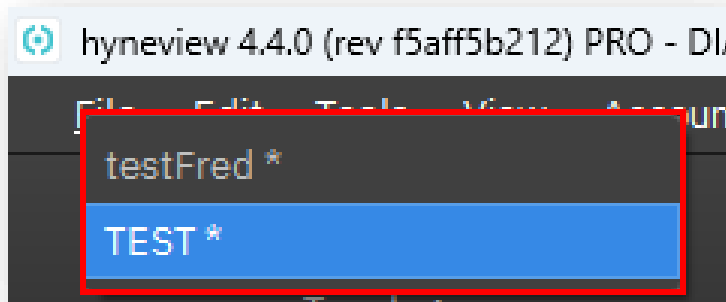
Options Tab: Shows the 'Persistent' checkbox checked.

Details Tab: Shows a table of system information:

System	Name	TEST
General	UUID	13242160-7d8c-4850-adf2-4862efb8fe14
Options	Path	Topologies Catalog:
Other	Created	06/12/2022 10:30
Details	Last modified	26/01/2023 10:27

Topology Management

- Topology navigate



Topology Management

- Topology statuses

- Running in background



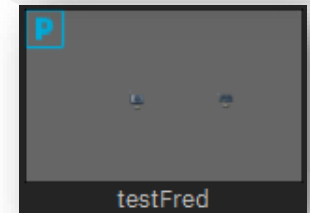
- Problem, need fix



- Cloning status

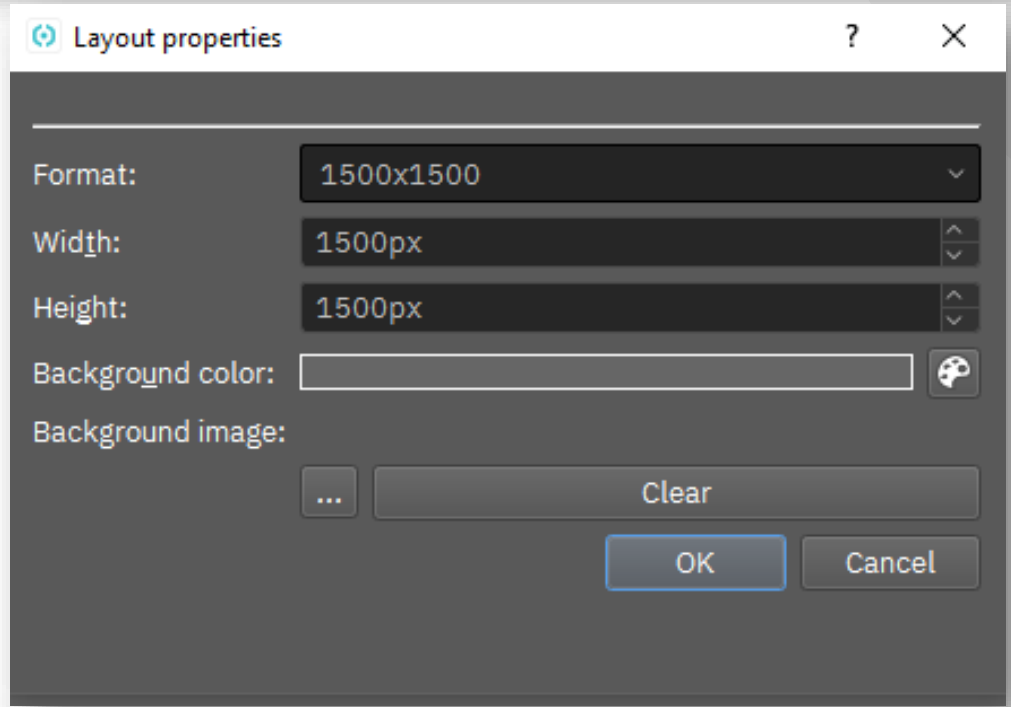
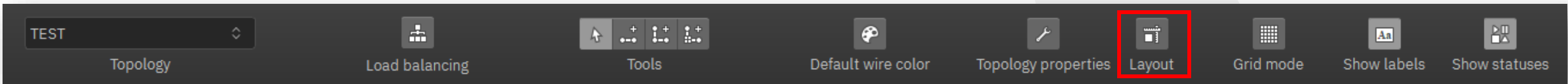


- Topology has children



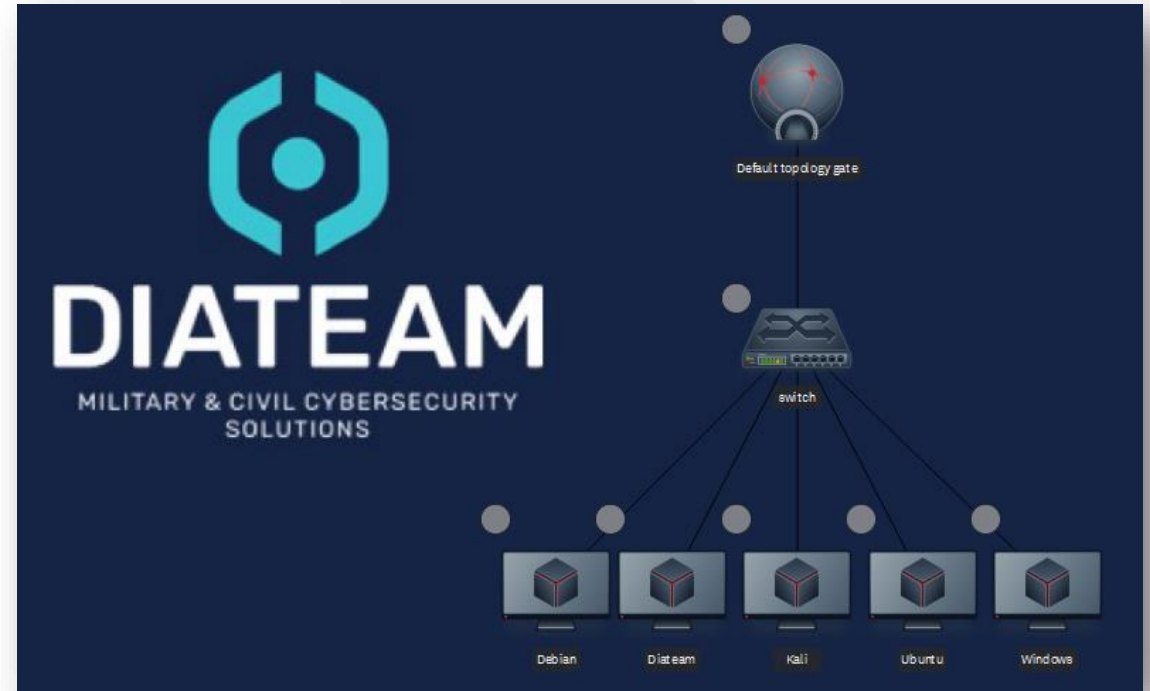
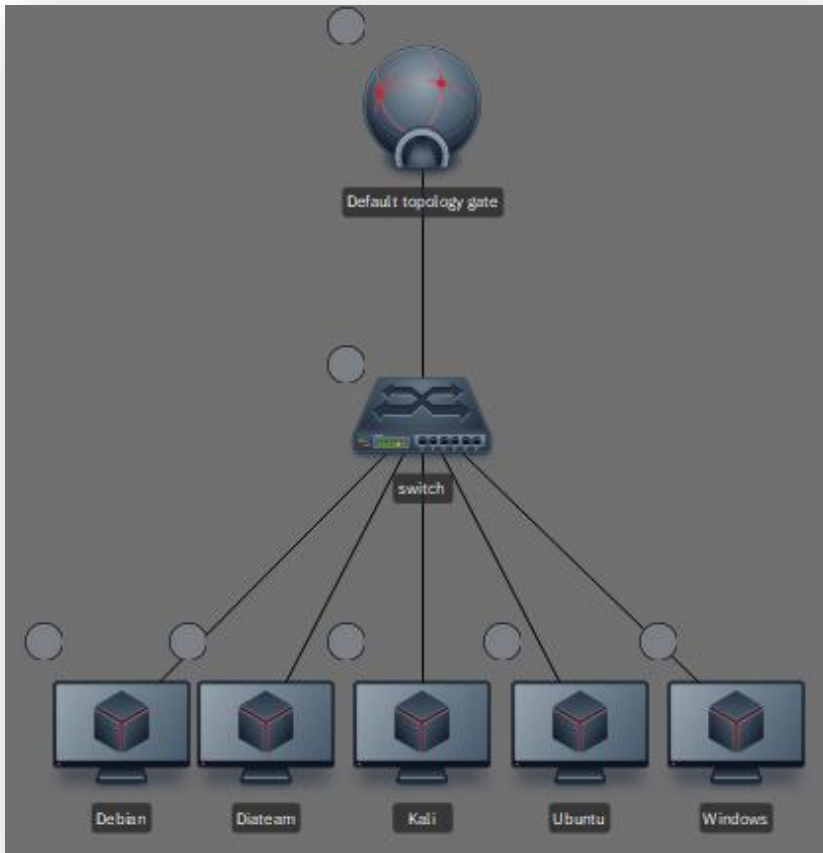
Topology Management

- Customize a topology

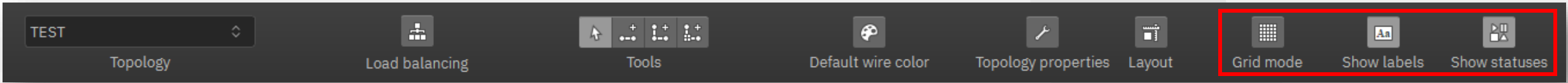


Topology Management

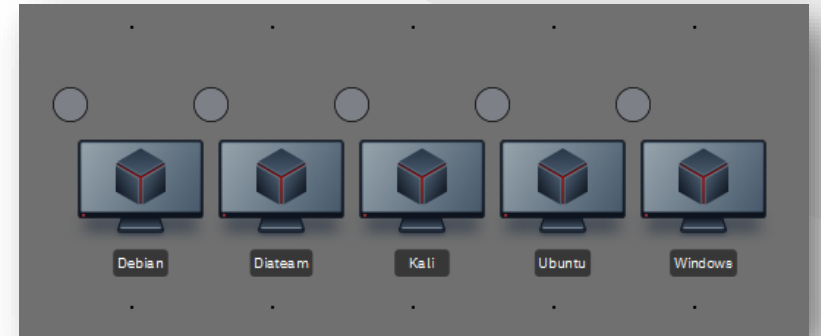
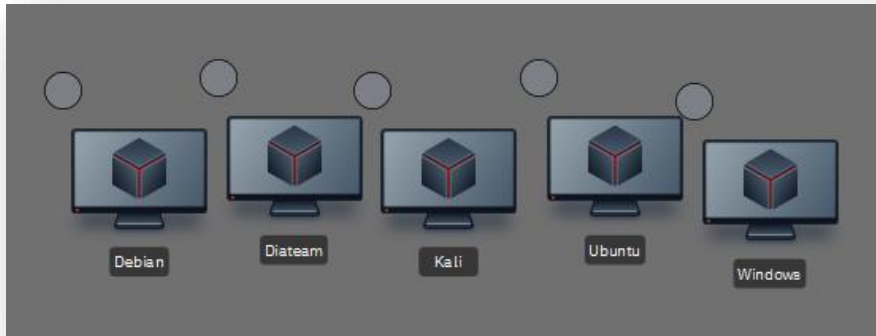
- Customize a topology



- Customize a topology

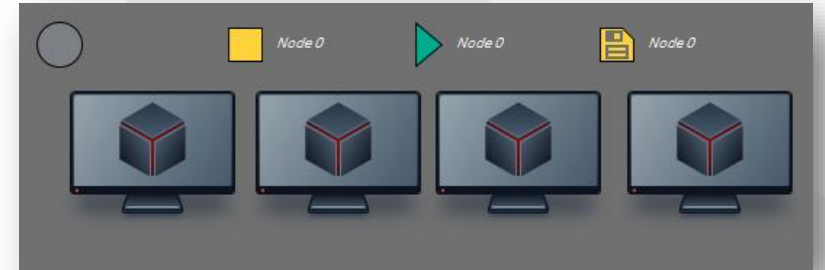


- Grid mode

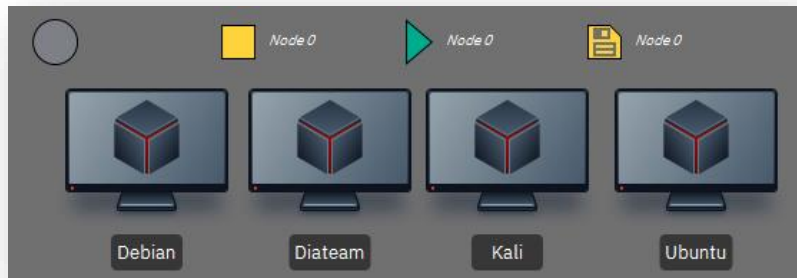


Topology Management

- Customize a topology
 - Show labels



- Show statuses





Entity Management

Entity Management

- Different entities
- Entity Catalog tools
- Create a new entity
- Status entity
- Clone an entity
- Remove an entity
- Customize an entity

Entity Management

- Different entities

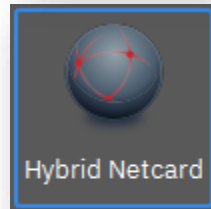
- Switch



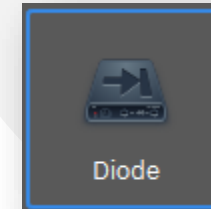
- TopologyGate



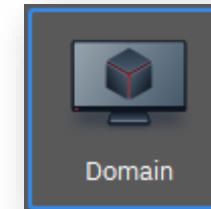
- Hybrid cards



- Diode

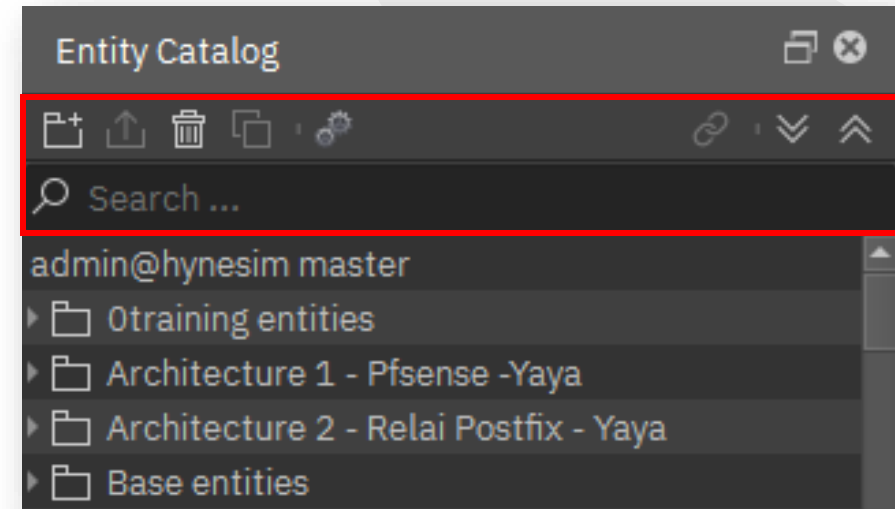


- Domain



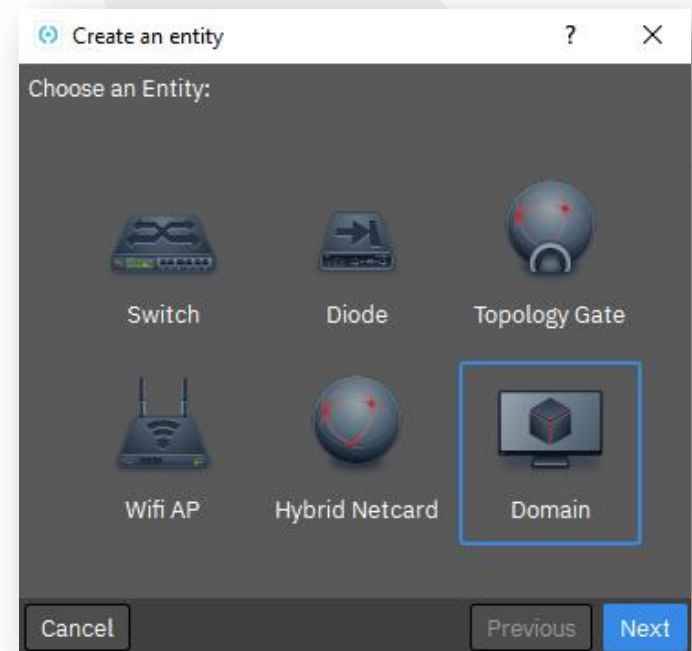
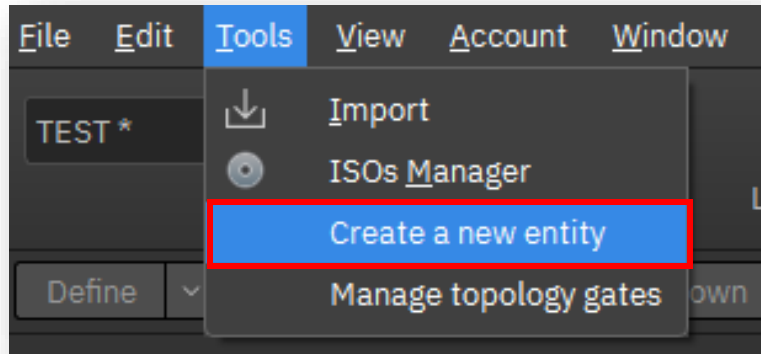
Entity Management

- Entity Catalog tools
 - Add folder
 - Export
 - Delete
 - Clone
 - Properties
 - Link between parent and clone(s)
 - Expand all folders
 - Reduce all folders
 - Search



Entity Management

- Create a new entity



Entity Management

- General Tab

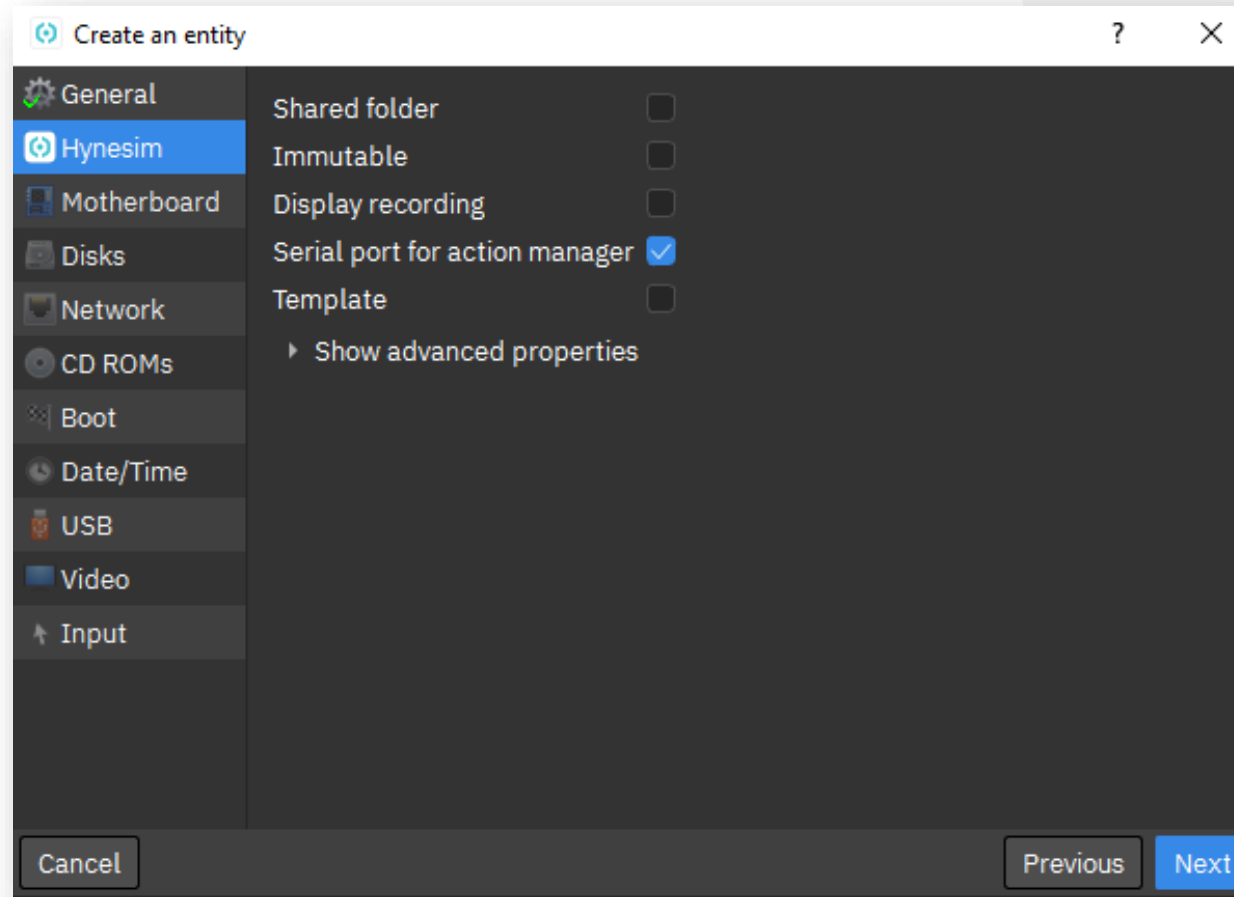
The screenshot shows a 'Create an entity' dialog box with a dark theme. On the left is a sidebar with tabs: General (selected), Hynesim, Motherboard, Disks, Network, CD ROMs, Boot, Date/Time, USB, Video, and Input. The main area contains the following fields:

- Short name: Default domain
- Long name: (empty)
- Description: (empty text area)
- Tags: (empty)
- Destination Catalog: Entities Catalog
- Destination Folder: /

At the bottom are buttons for 'Cancel', 'Previous', and 'Next'.

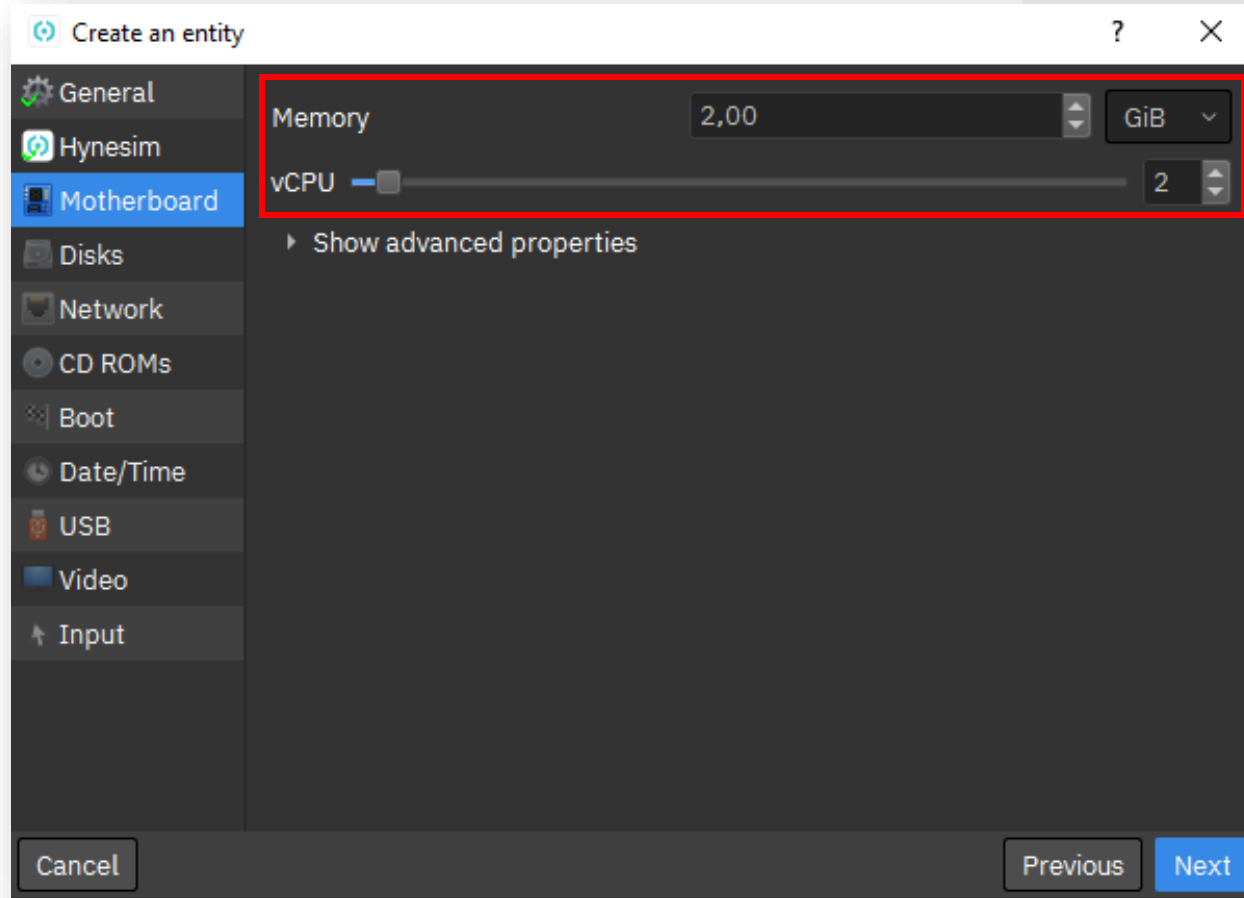
Entity Management

- Hynesim Tab



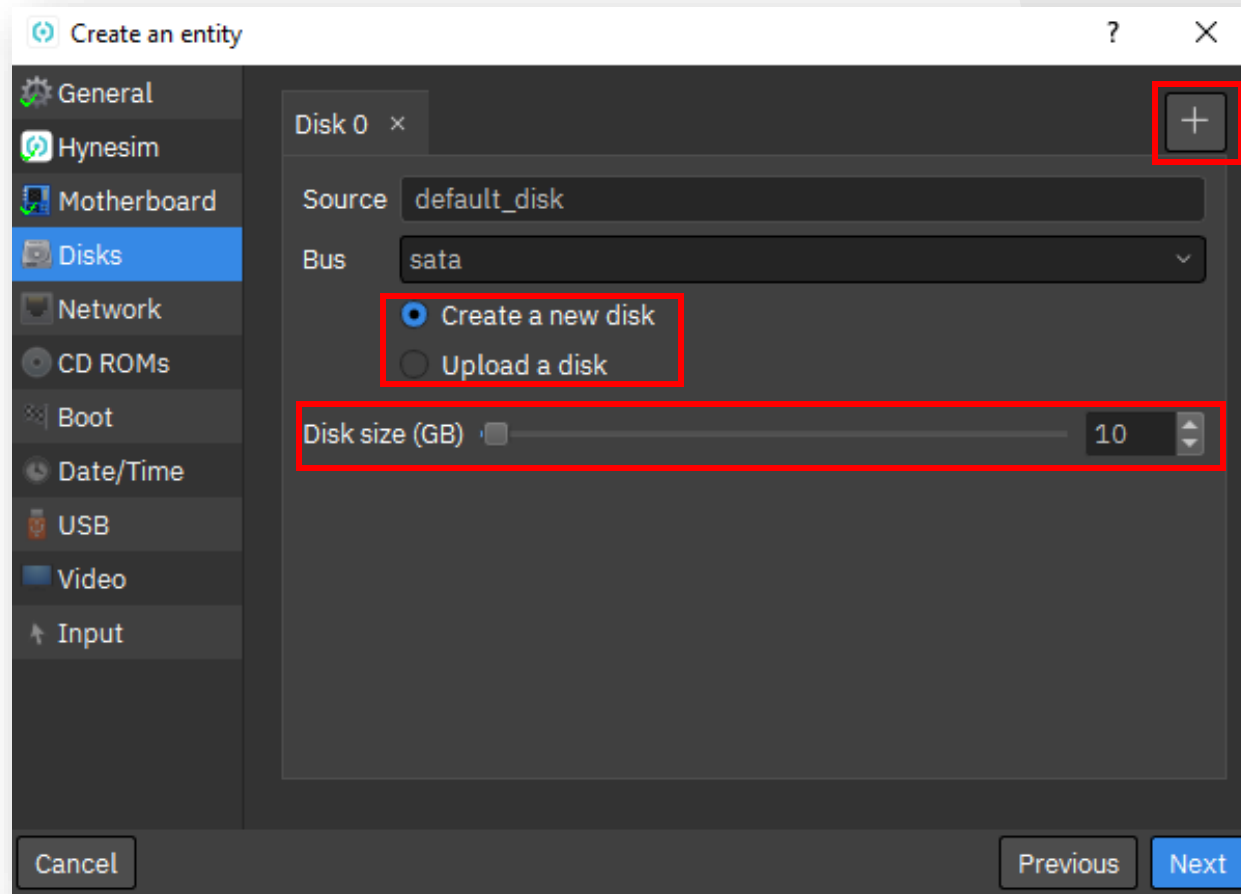
Entity Management

- Motherboard Tab



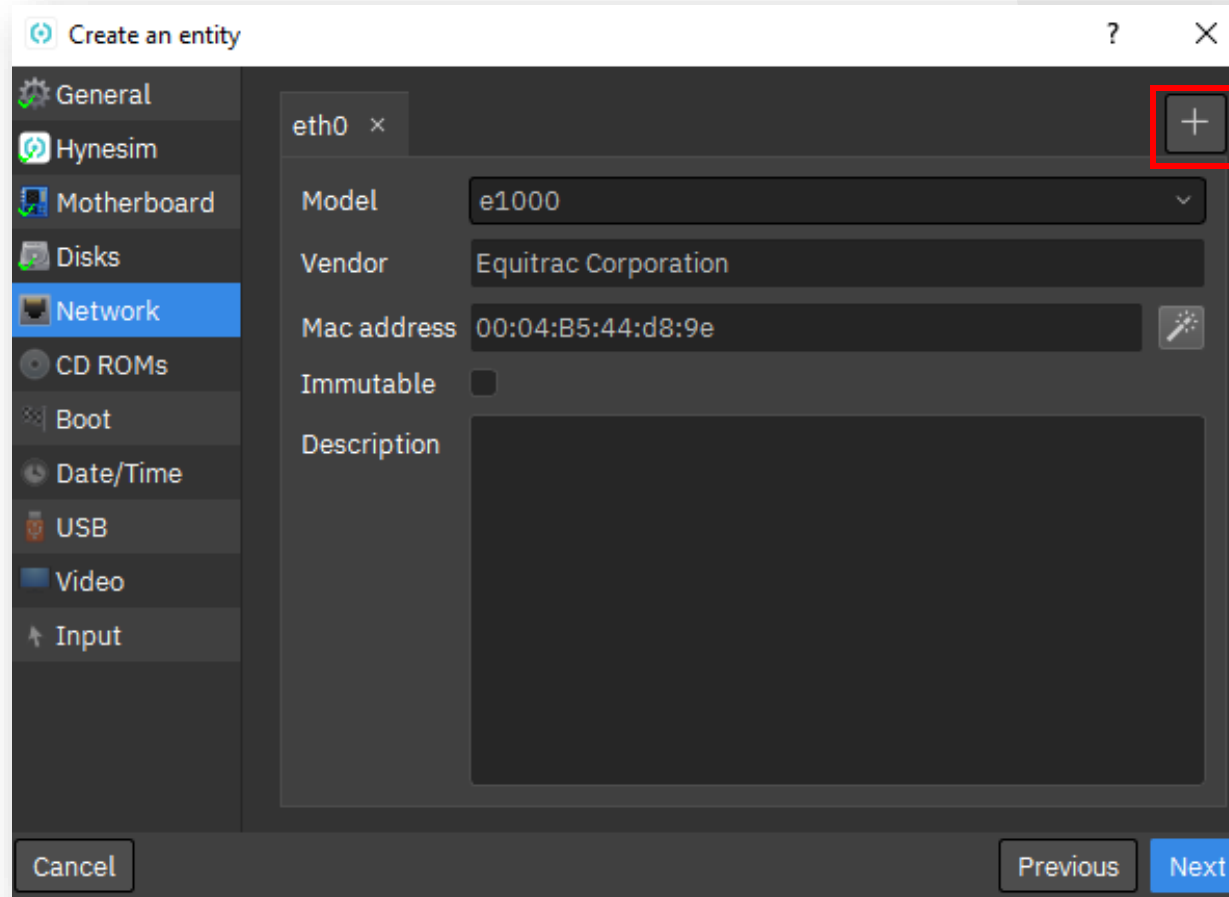
Entity Management

- Disks Tab



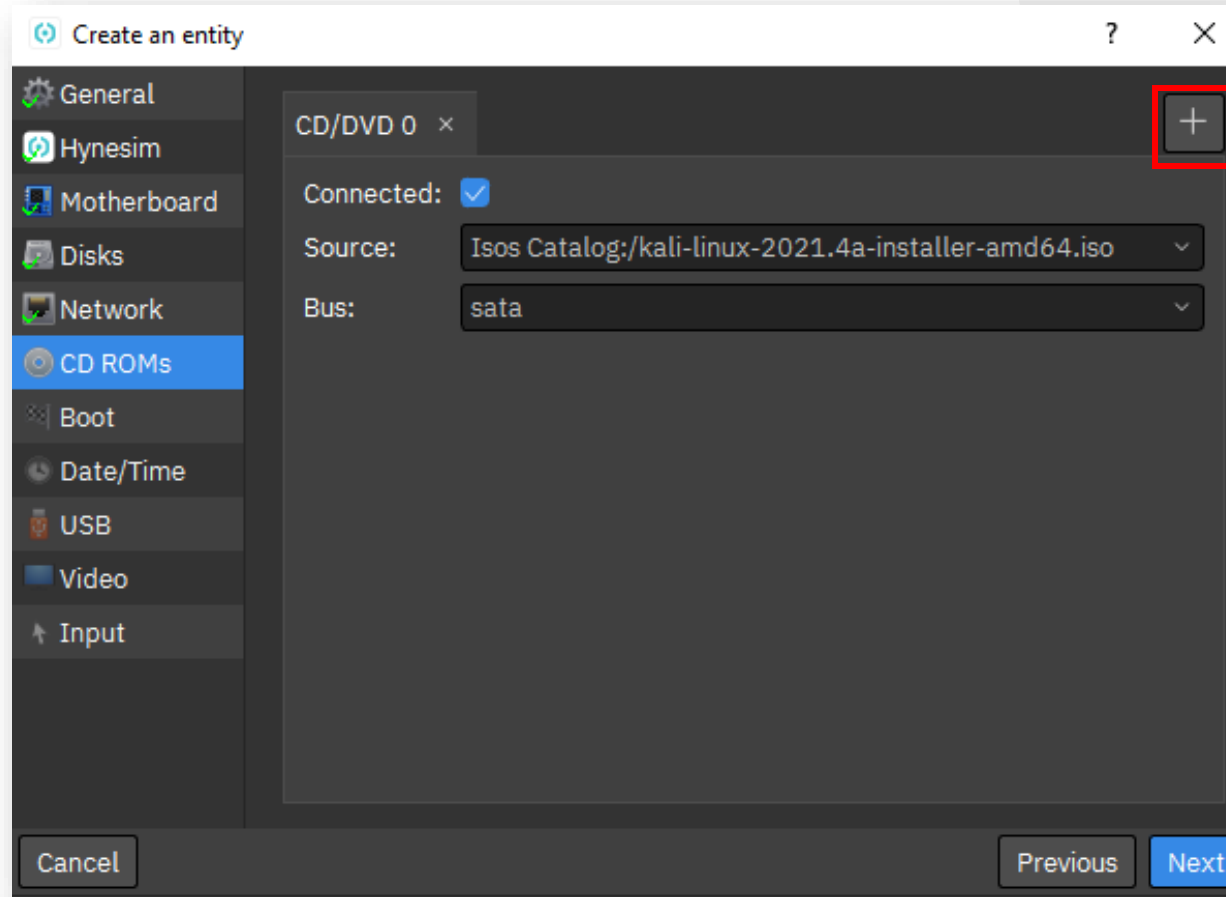
Entity Management

- Network Tab



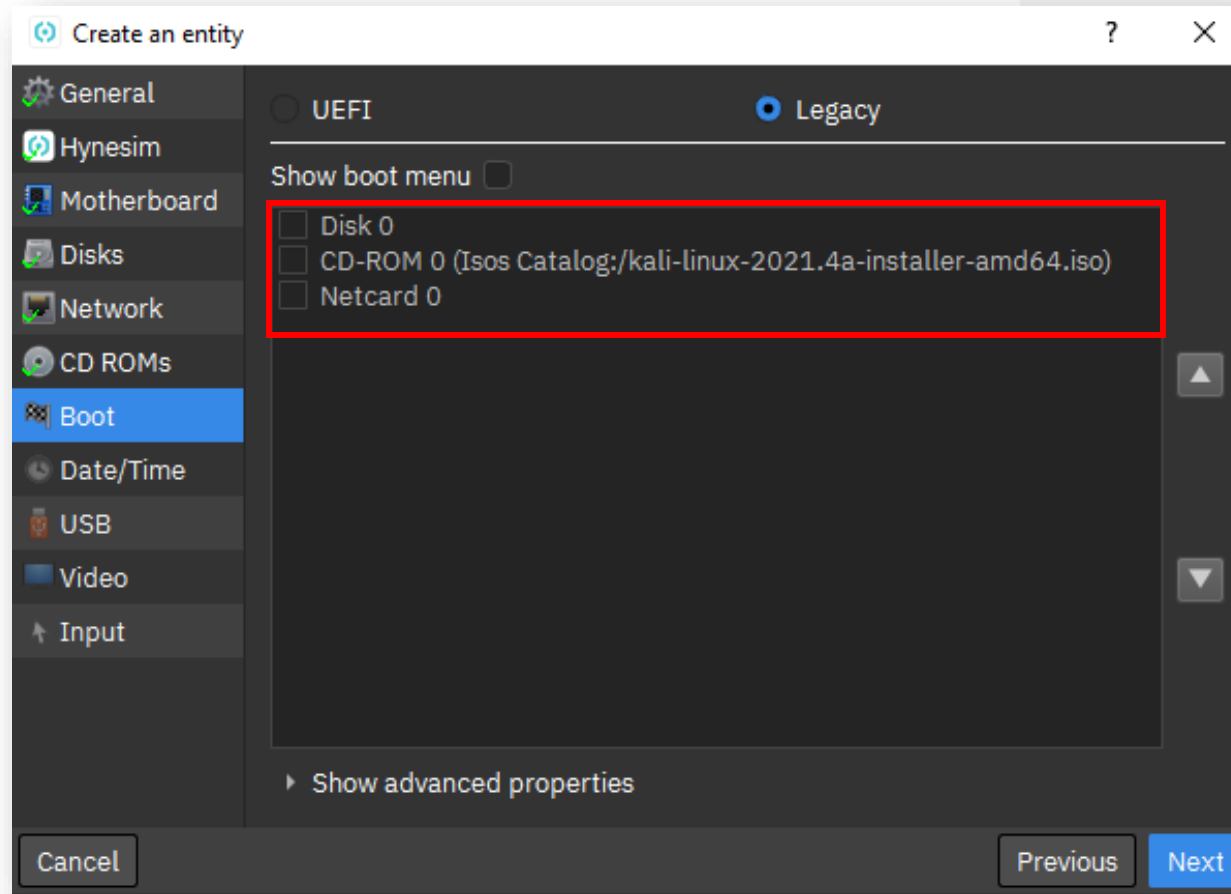
Entity Management

- CD ROMs Tab

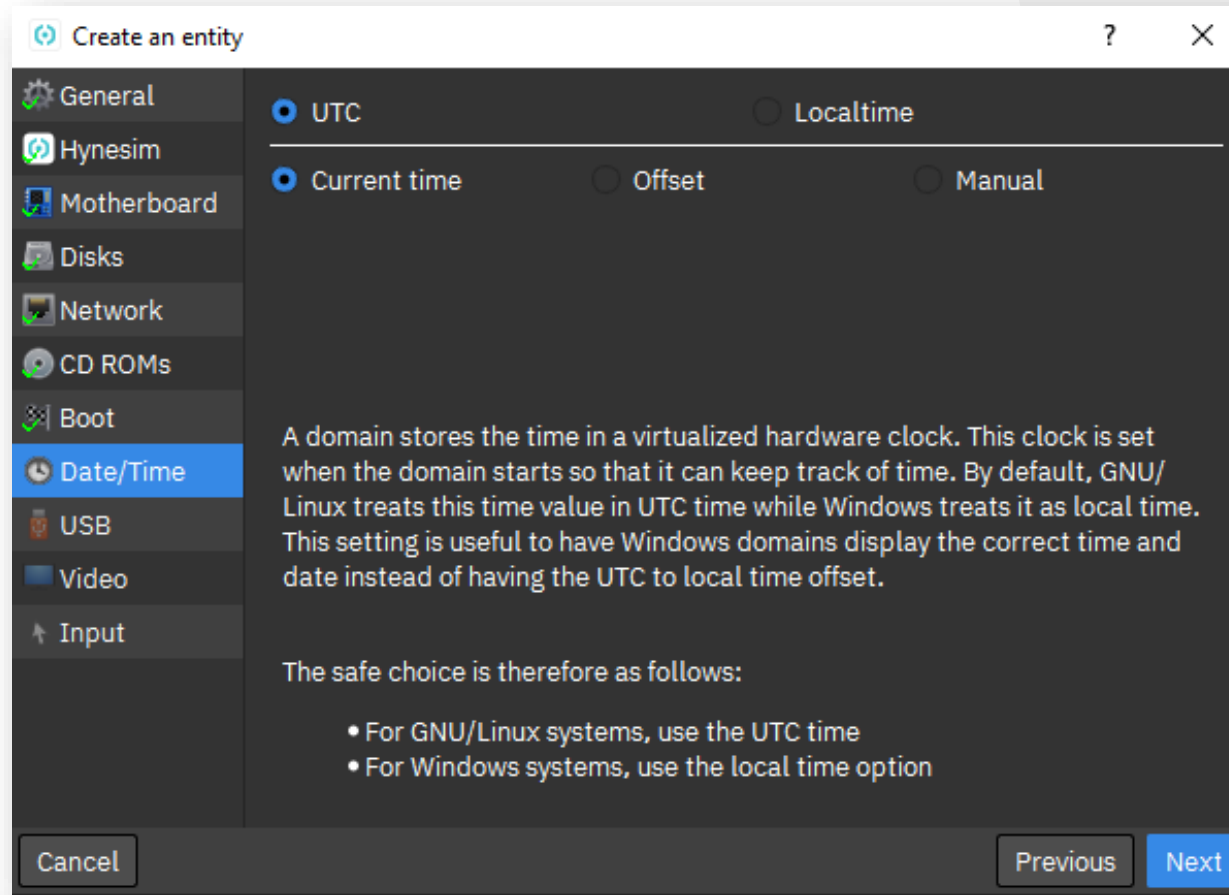


Entity Management

- Boot Tab

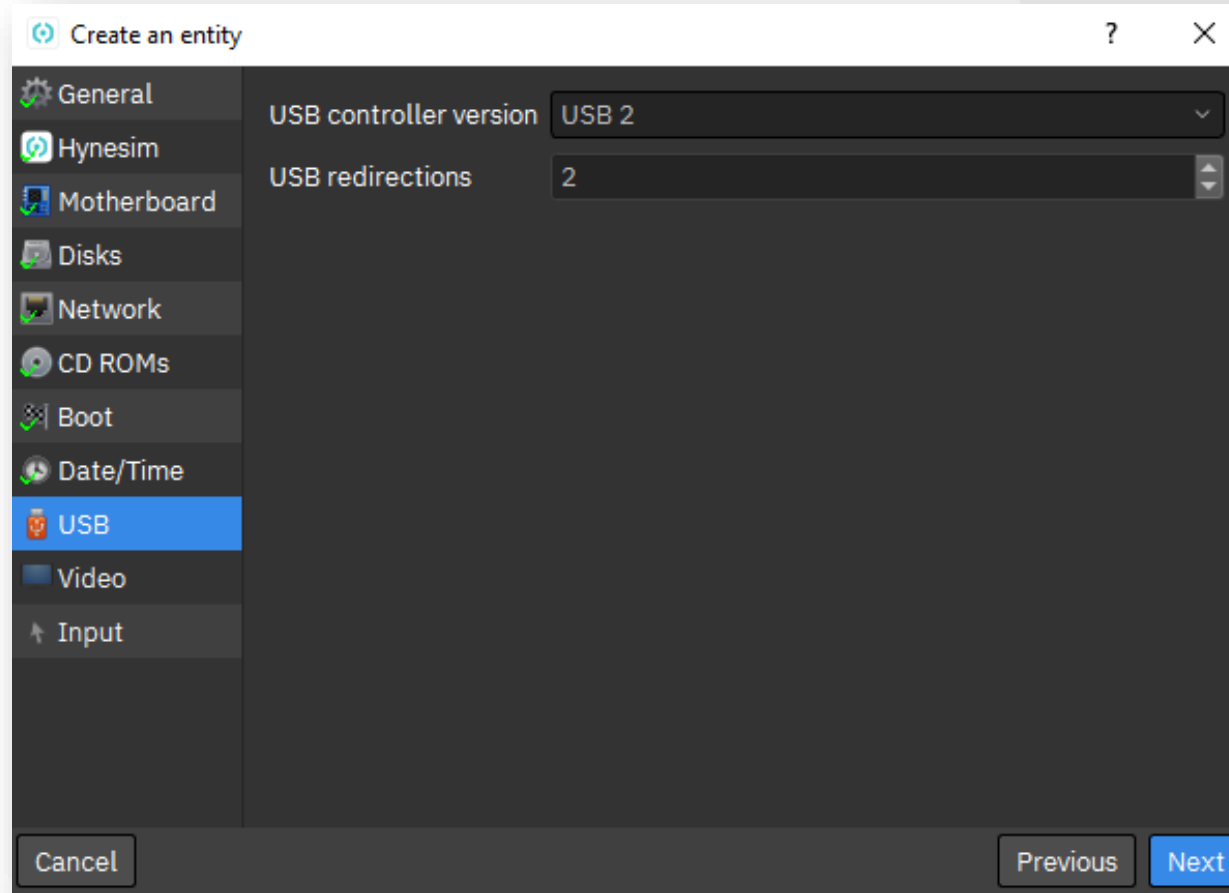


- Date/Time Tab



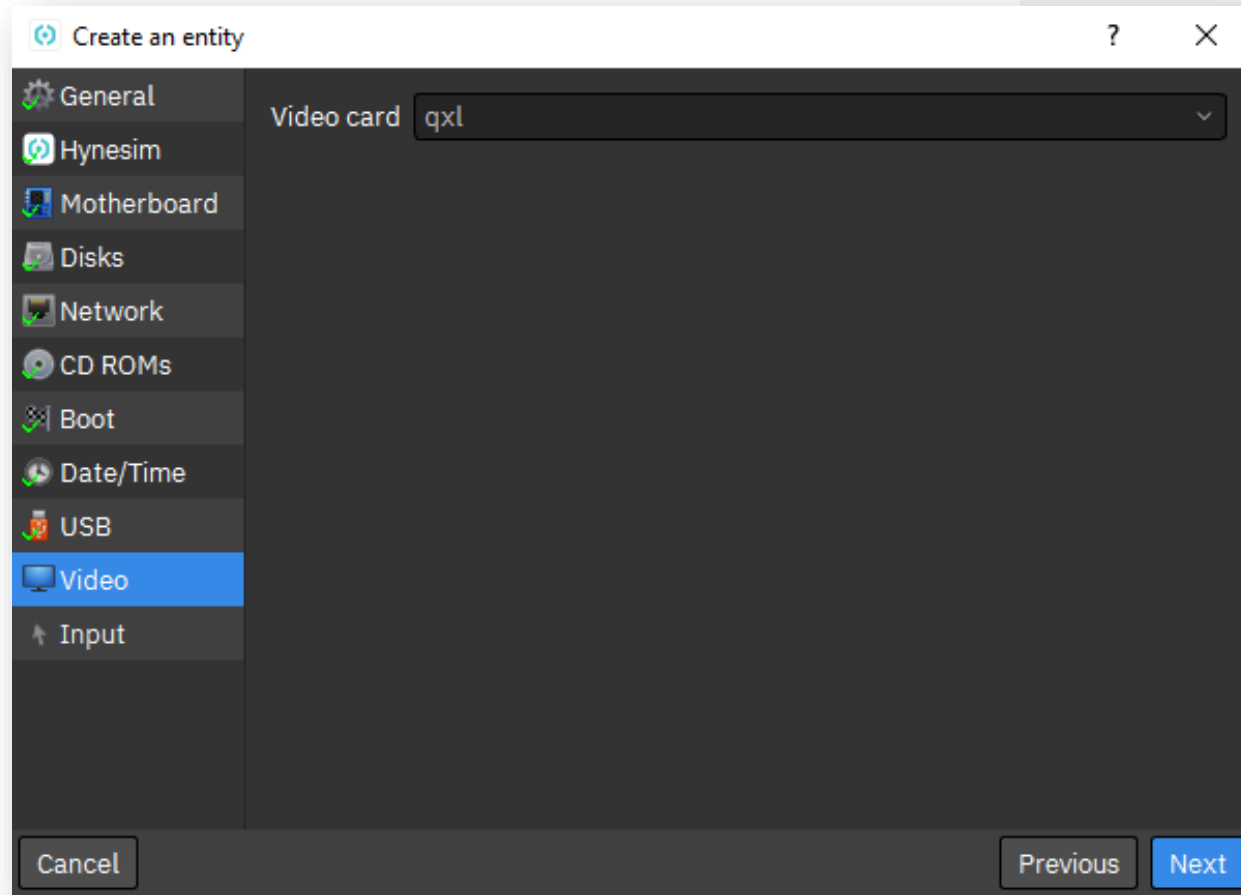
Entity Management

- USB Tab



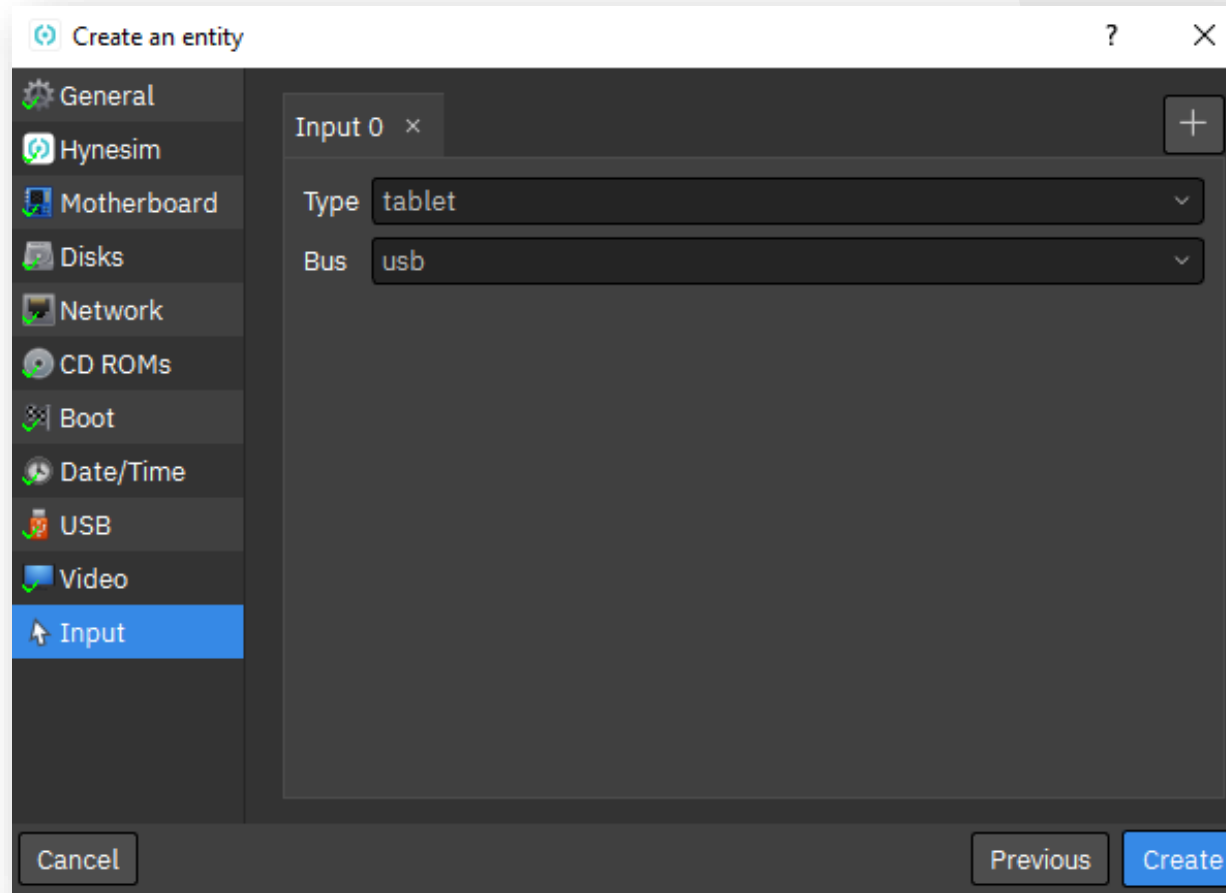
Entity Management

- Video Tab



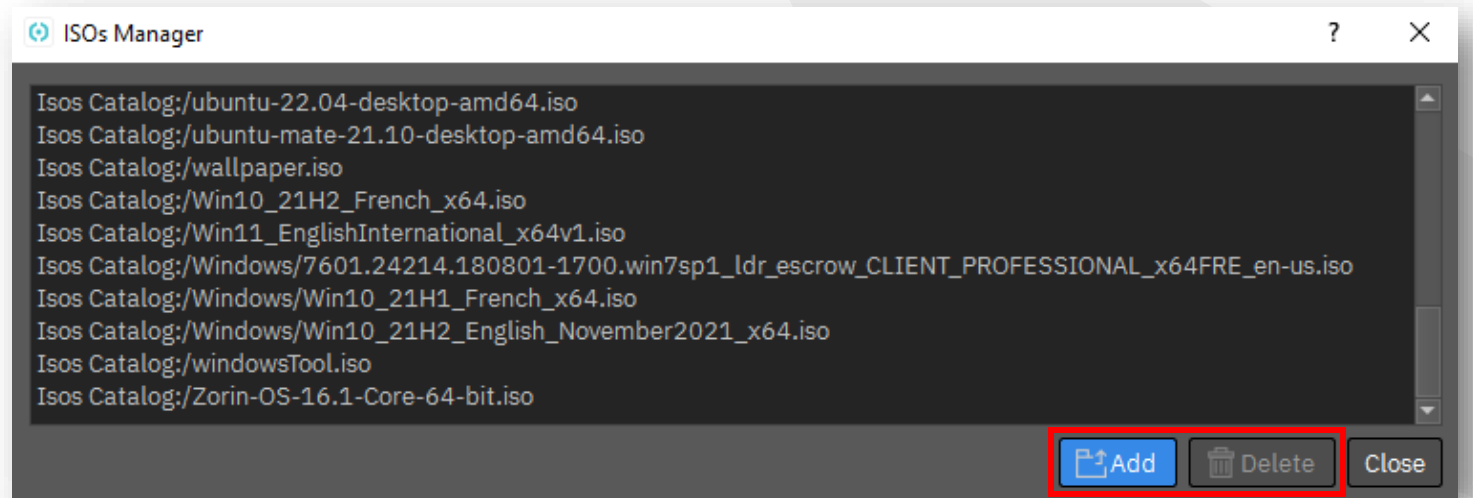
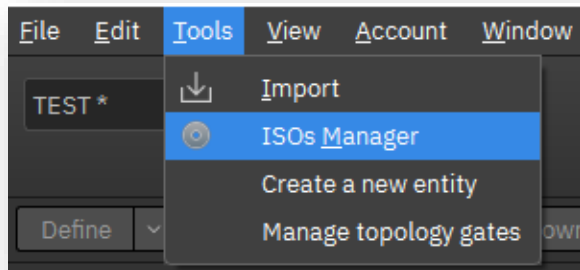
Entity Management

- Input Tab



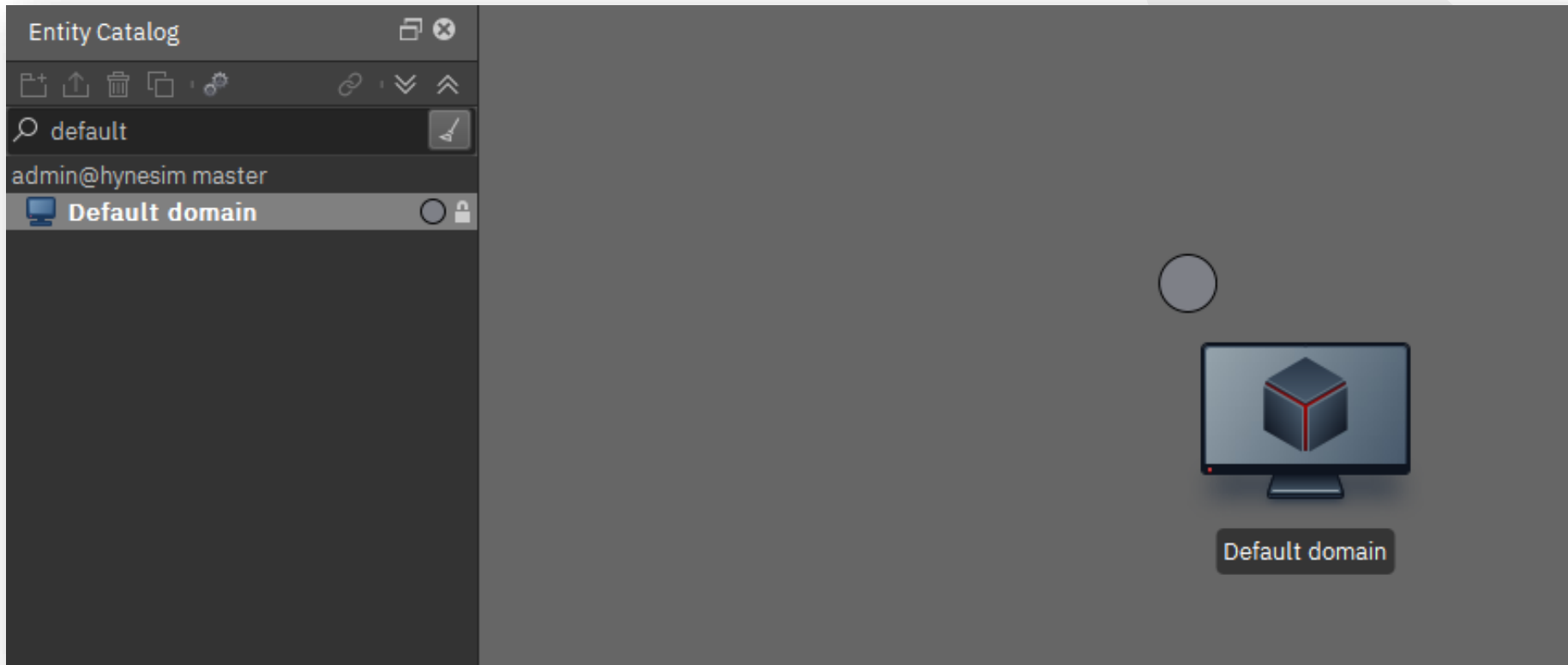
Iso Management

- ISOs Manager



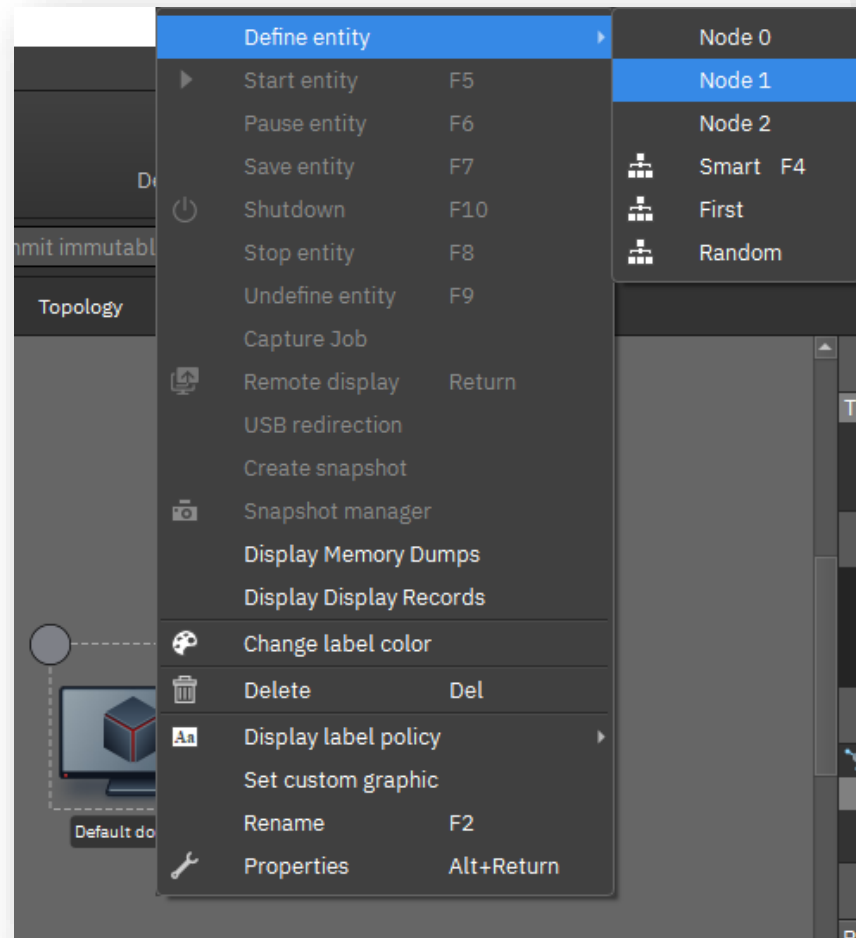
Entity Management

- VM is added in Entity Catalog
 - You can drag and drop the VM in the Topology Area for use it



Entity Management

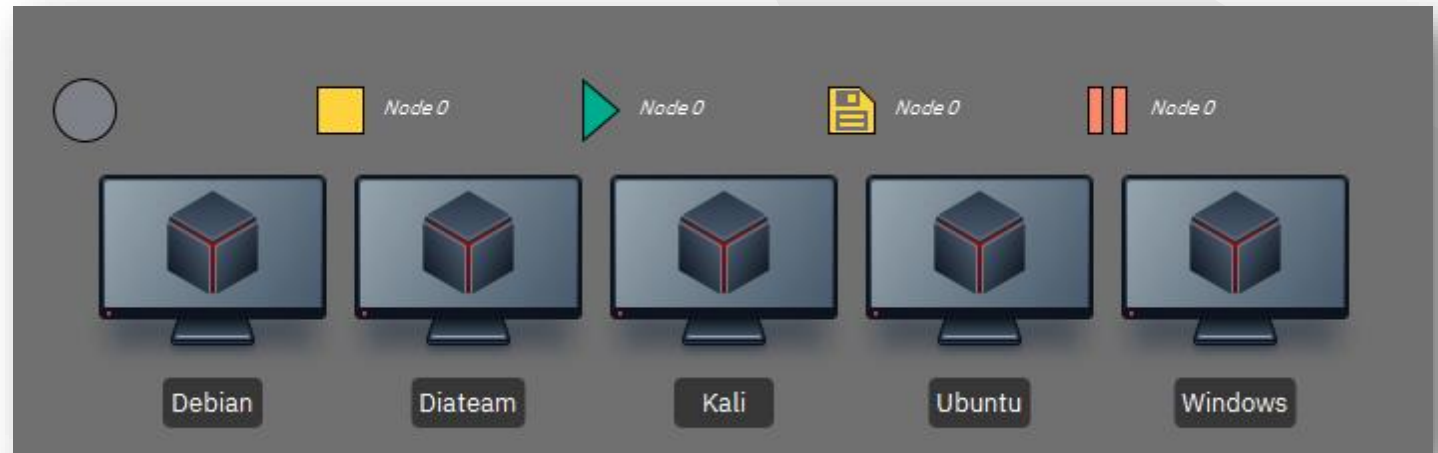
- Define entity in another Node



Entity Management

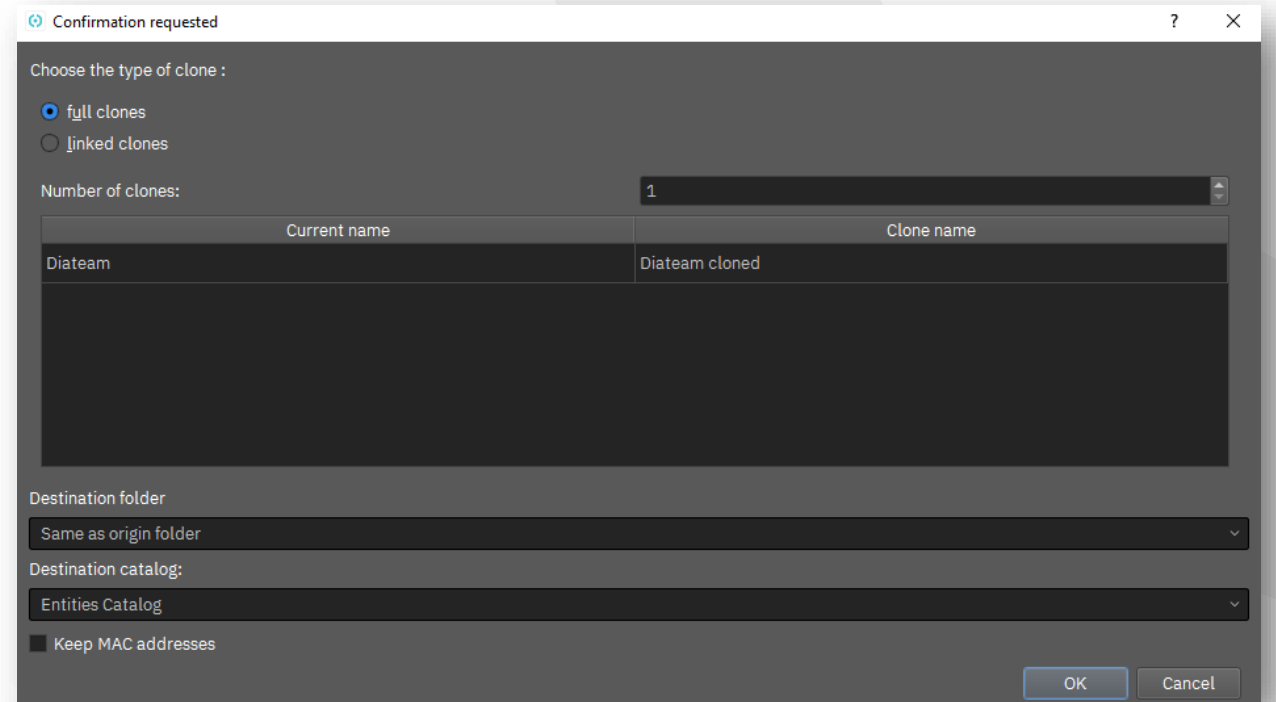
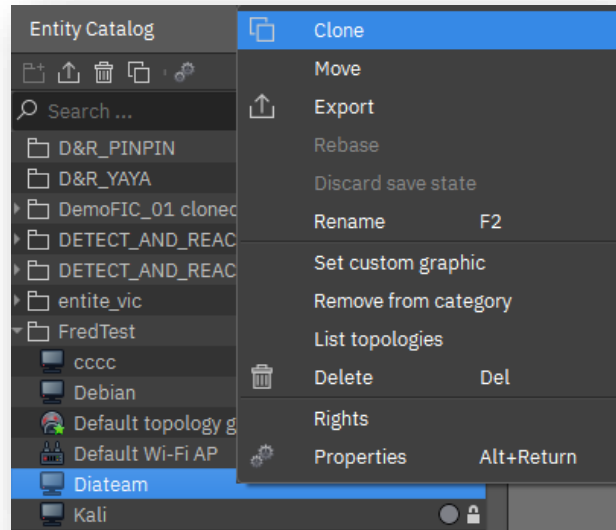
- Status entity

- Undefine
- Define/Stop
- Start
- Save
- Pause



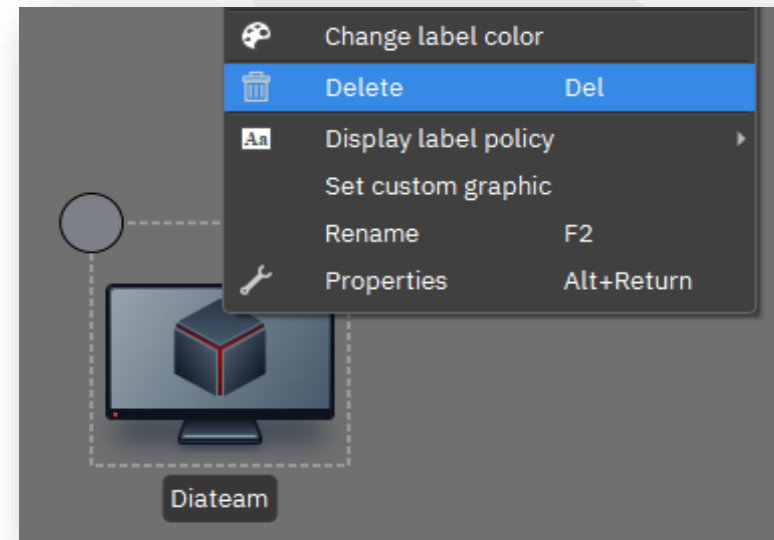
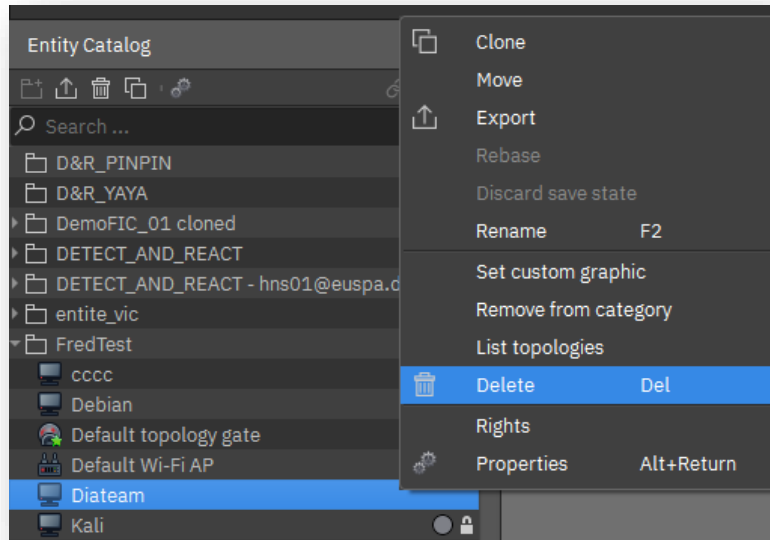
Entity Management

- Clone an entity



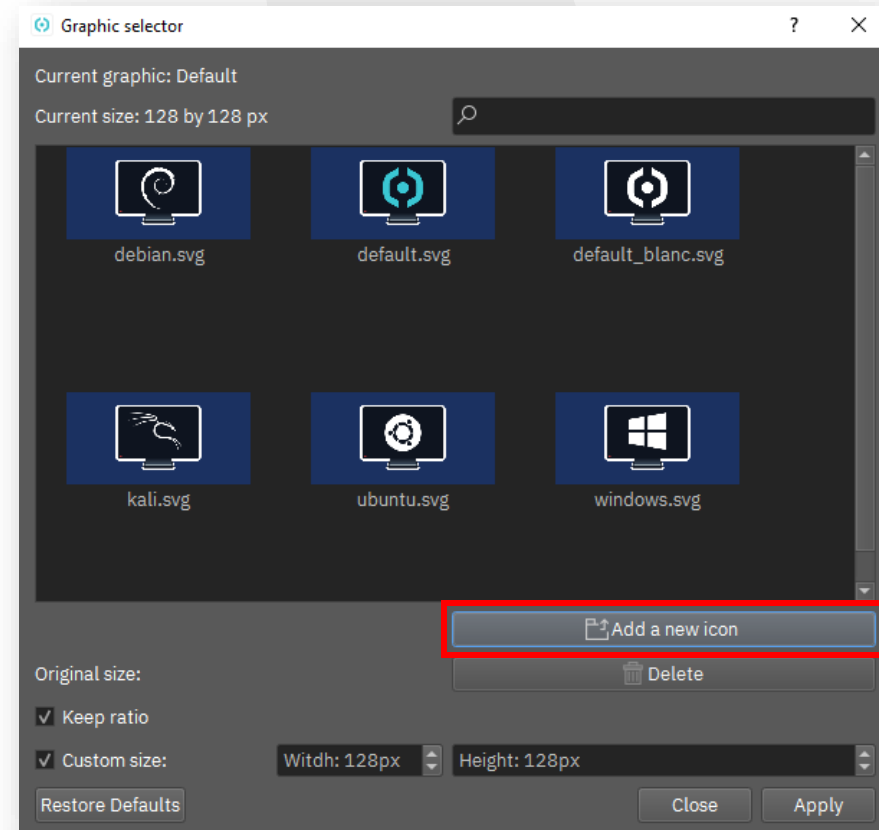
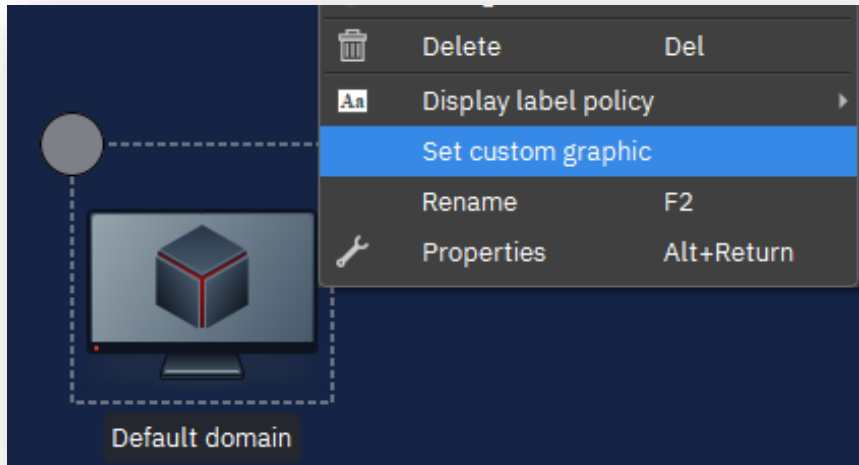
Entity Management

- Remove an entity



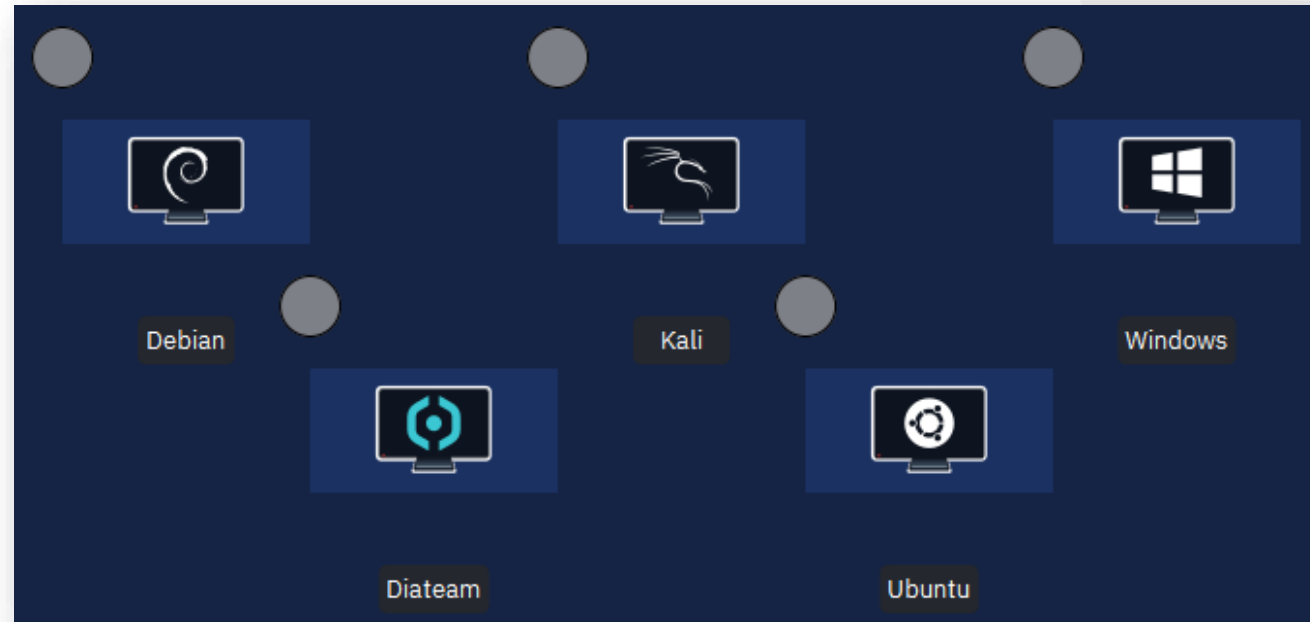
Entity Management

- Customize an entity



Entity Management

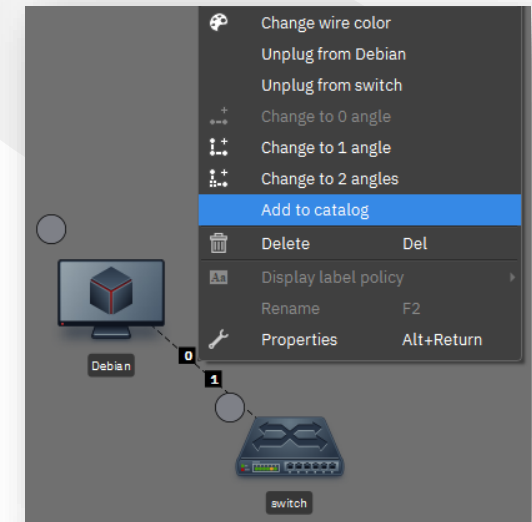
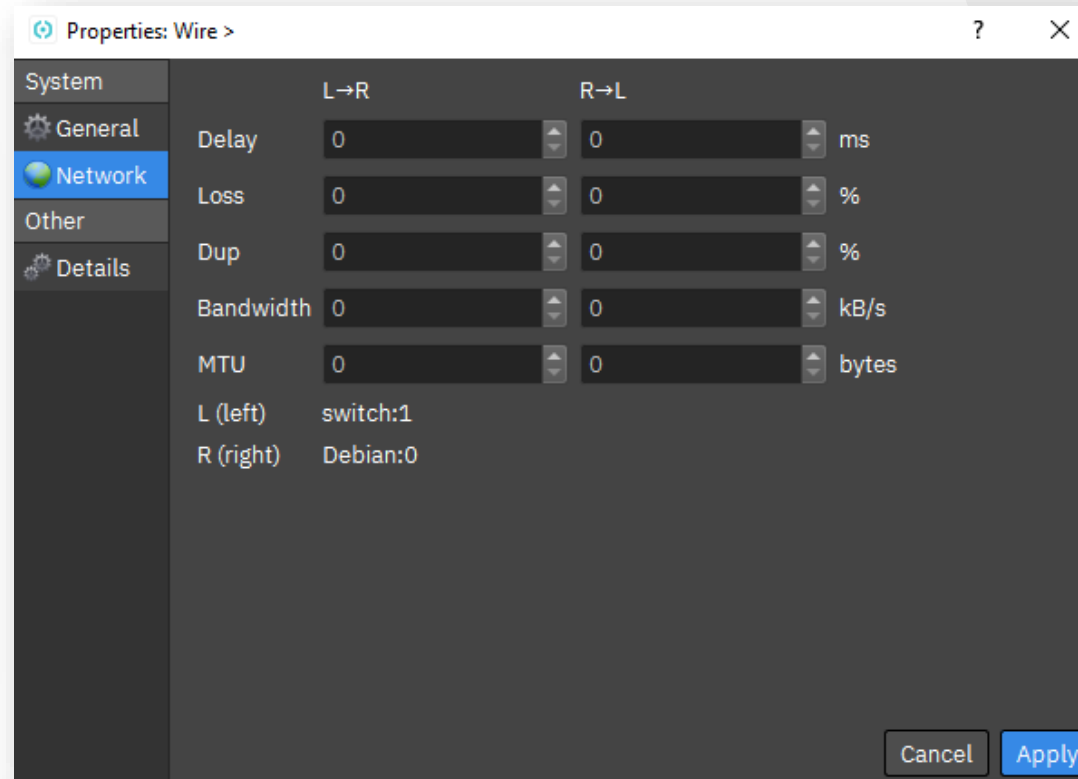
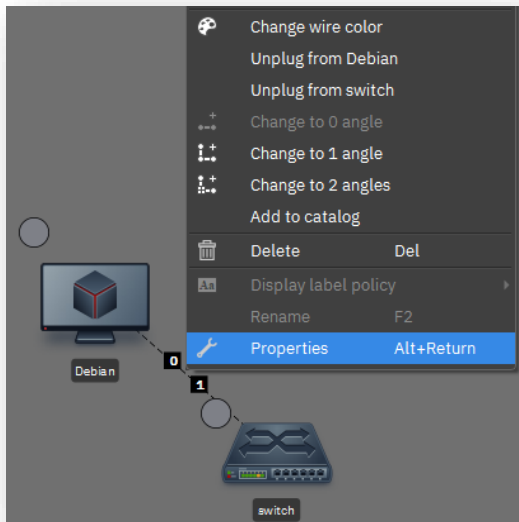
- Customize an entity





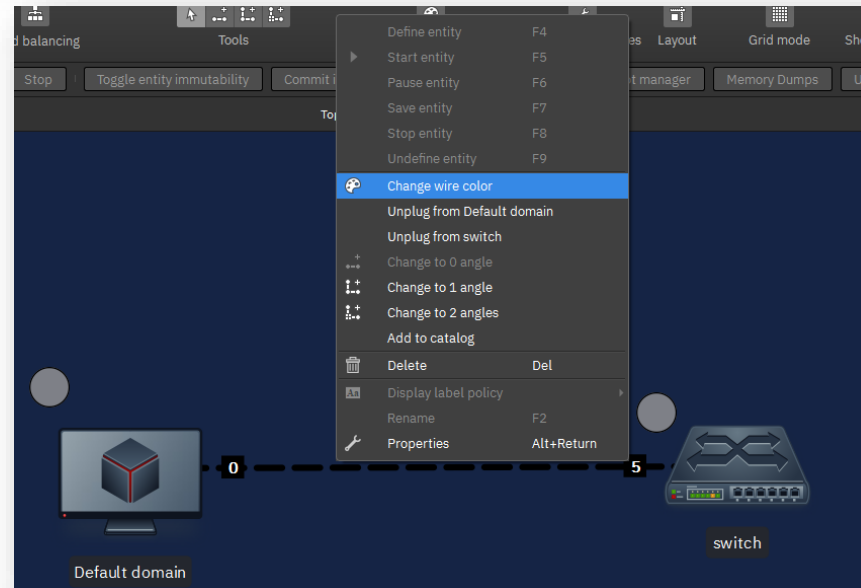
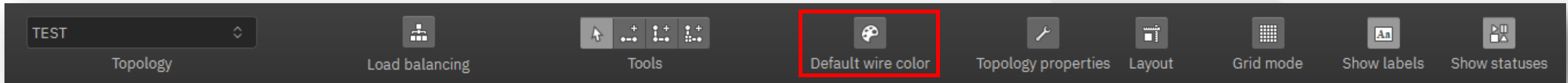
Wire Management

- Wire properties

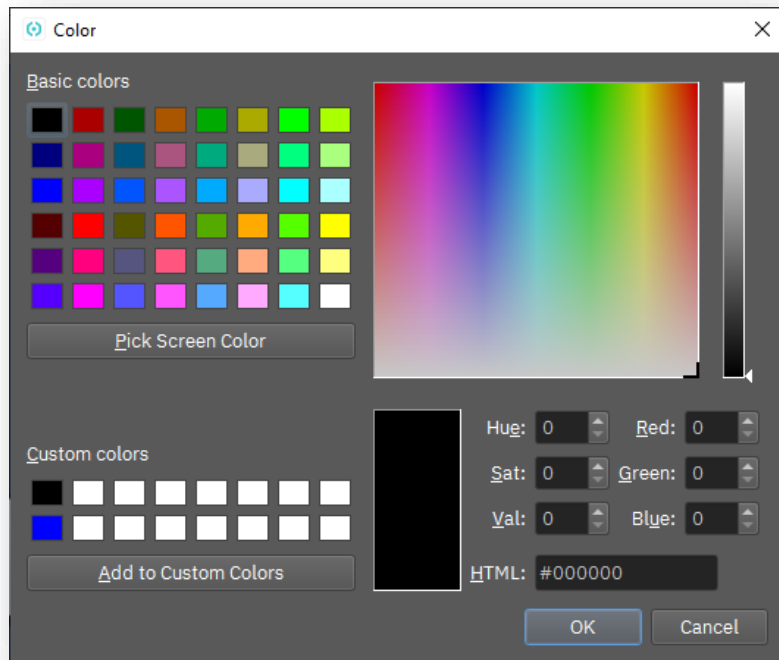


Wire Management

- Customize a wire
 - Colors

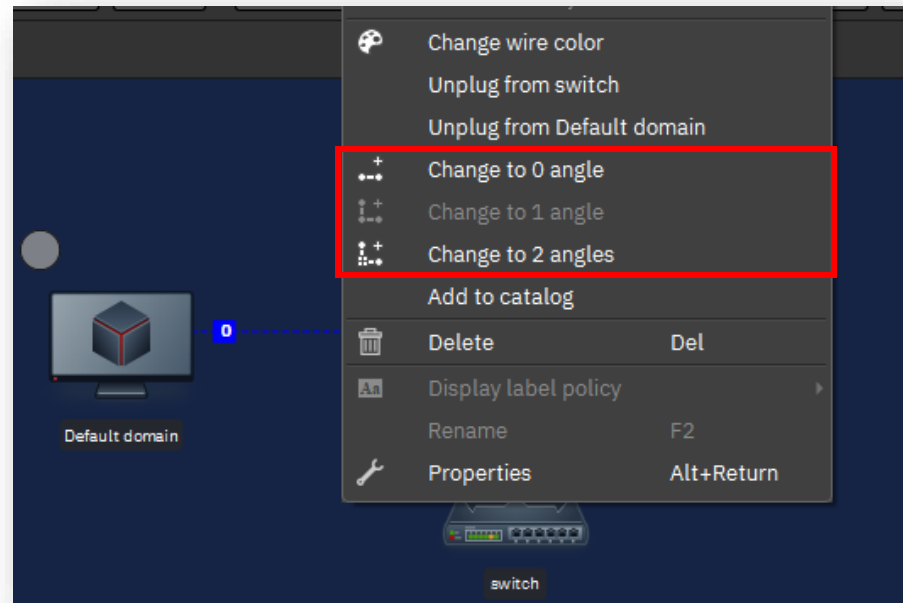
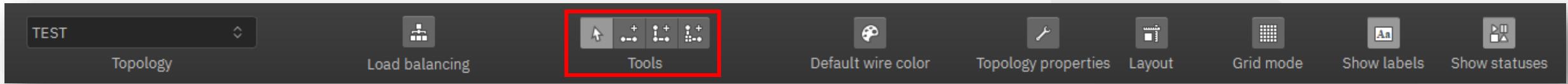


- Customize a wire
 - Colors



Wire Management

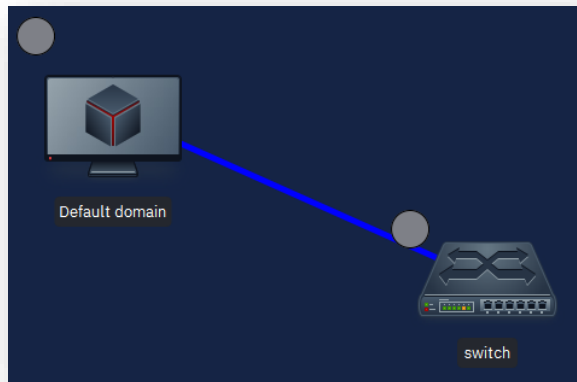
- Customize a wire
 - Shape tools



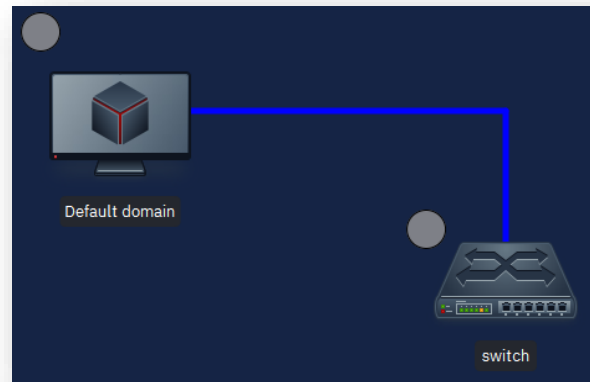
Wire Management

- Customize a wire
 - Shape options

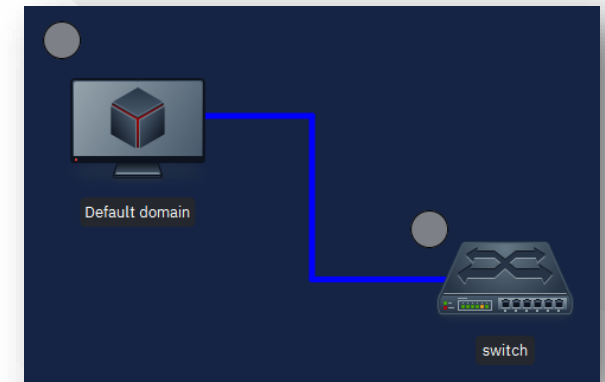
0 angle



1 angle



2 angles






Features

Features


- USB redirection
- Capture job (Wireshark)
- Memory dumps
- Snapshots manager
- Print
- Screenshot

Capture Job

 Remote display Return

USB redirection

Create snapshot

 Snapshot manager

Display Memory Dumps

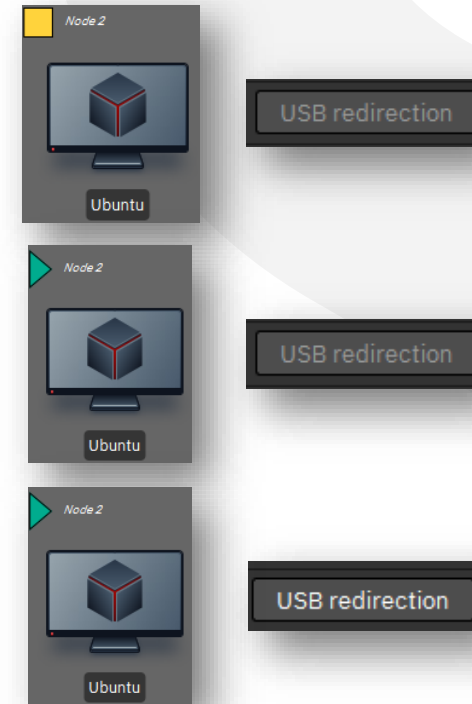
Display Display Records

Features

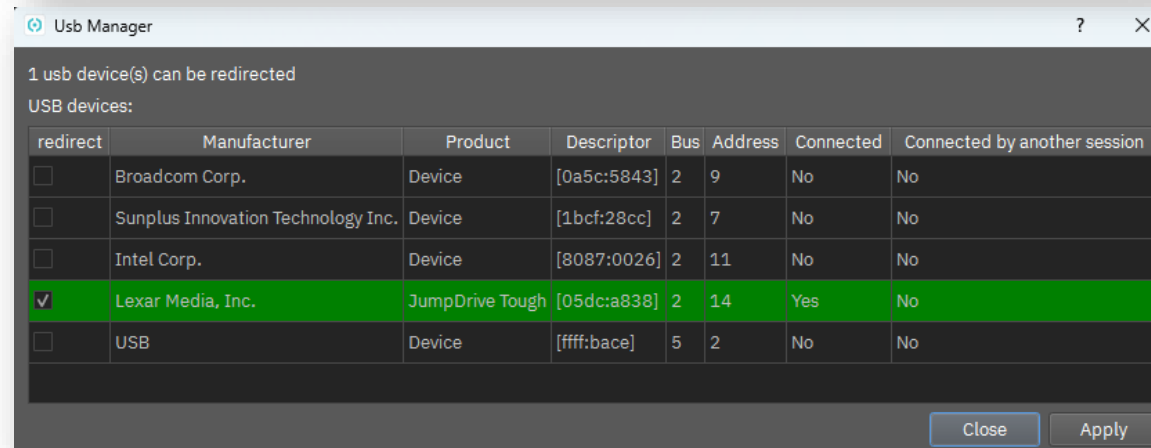
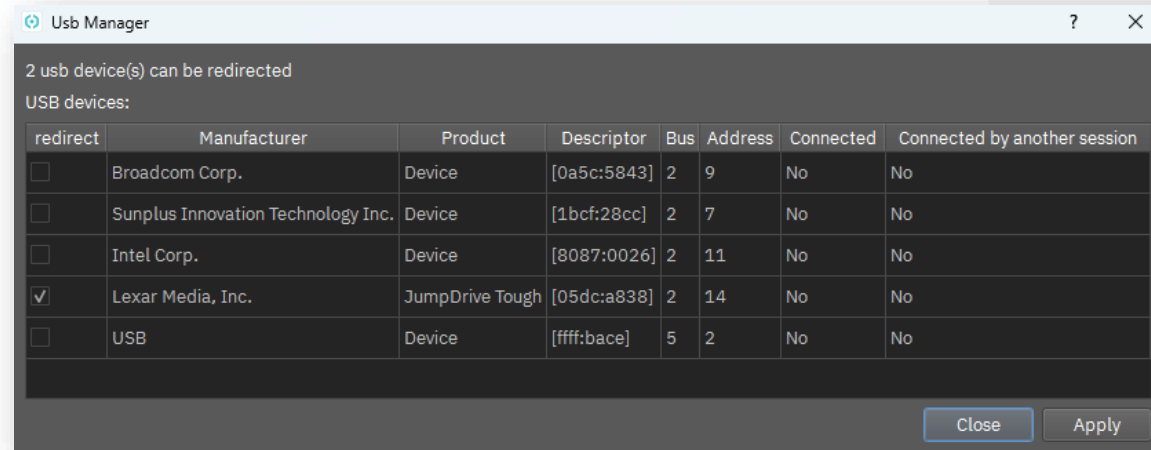
- USB redirection
 - **Required software installation : UsbDk**
 - First point : Define the USB redirection when we create the entity into configuration tabs.
 - Second point : Start the entity and double click to open a new tab that permit to interact with the entity (screen offset).
 - Third point : When we are in this tab, we can access to « USB redirection ».
 - This option permit to configure USB device to be active for the entity.

Features

- USB redirection
 - Entity is defined or undefined
 - Entity is started **and** no screen offset
 - Entity is started **and** screen offset is activate

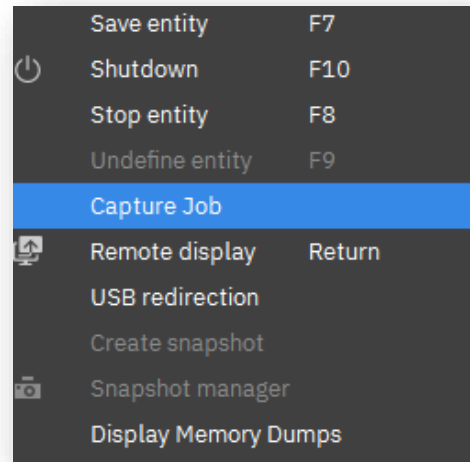


- USB redirection



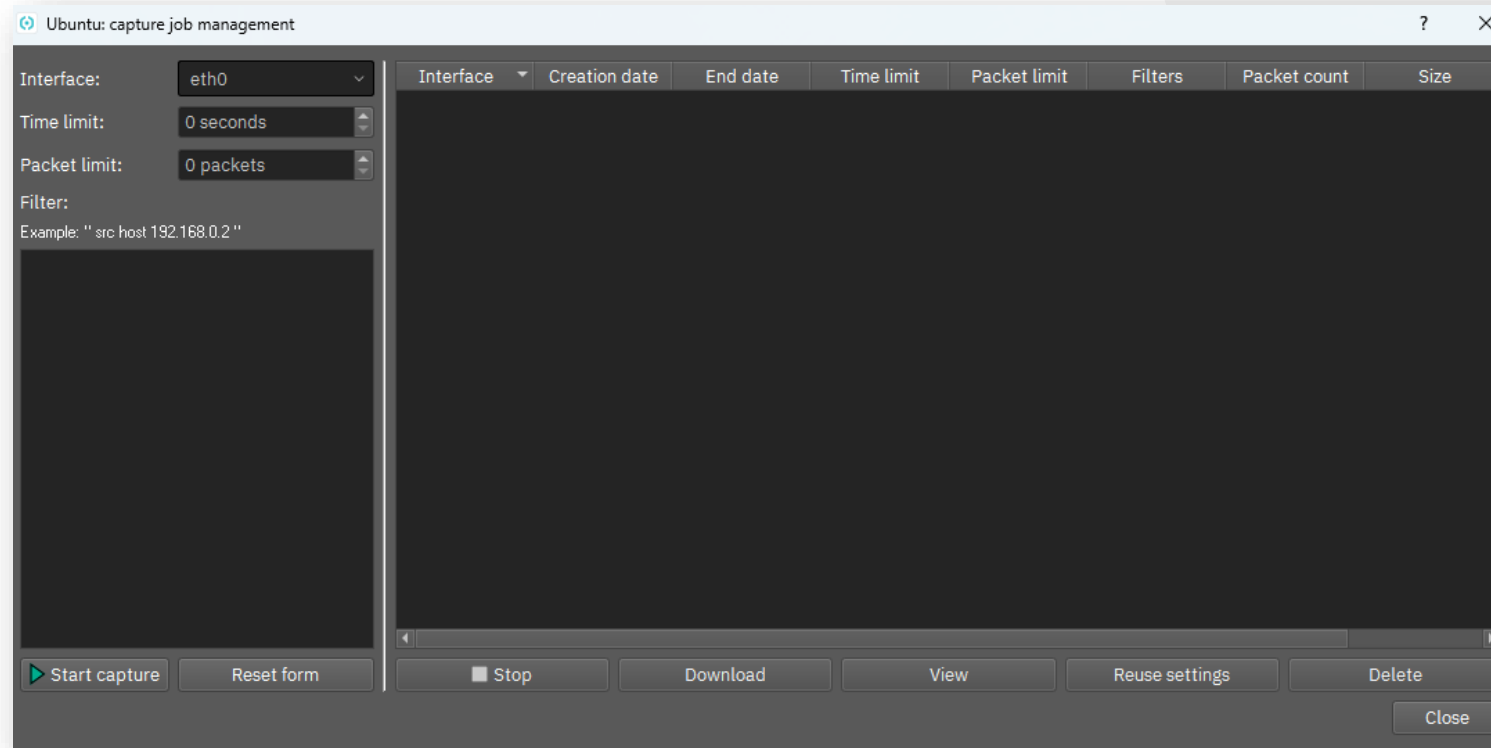
Features

- Capture job
 - **Required software installation : Wireshark**
 - Enable when entity is defined, and disable when entity is undefined
 - When entity is started, you can have the access to « Capture Job » entity sub menu

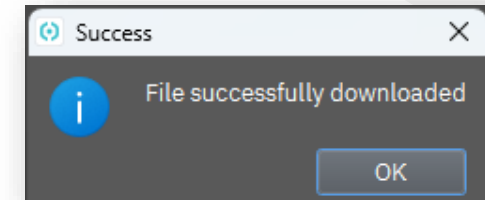
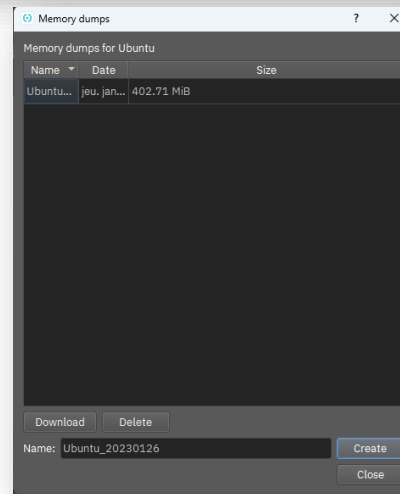
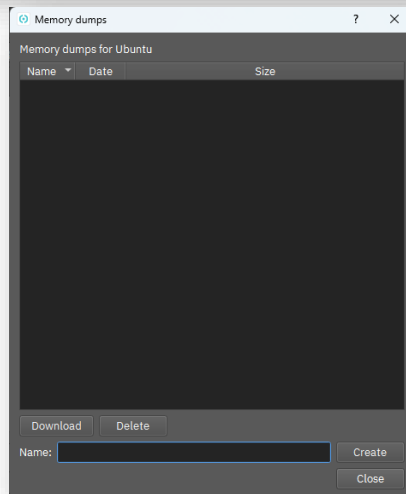
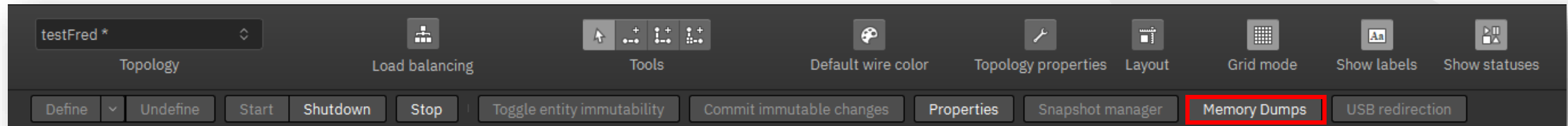


Features

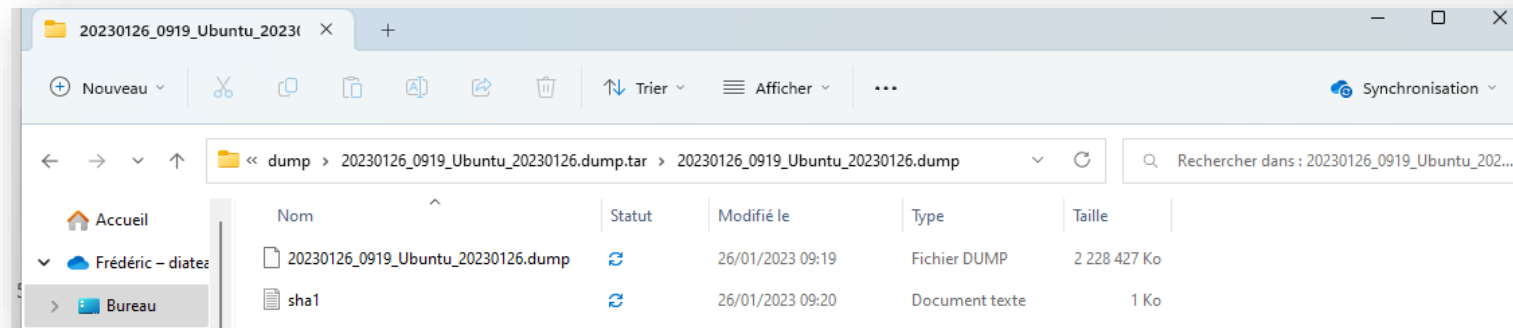
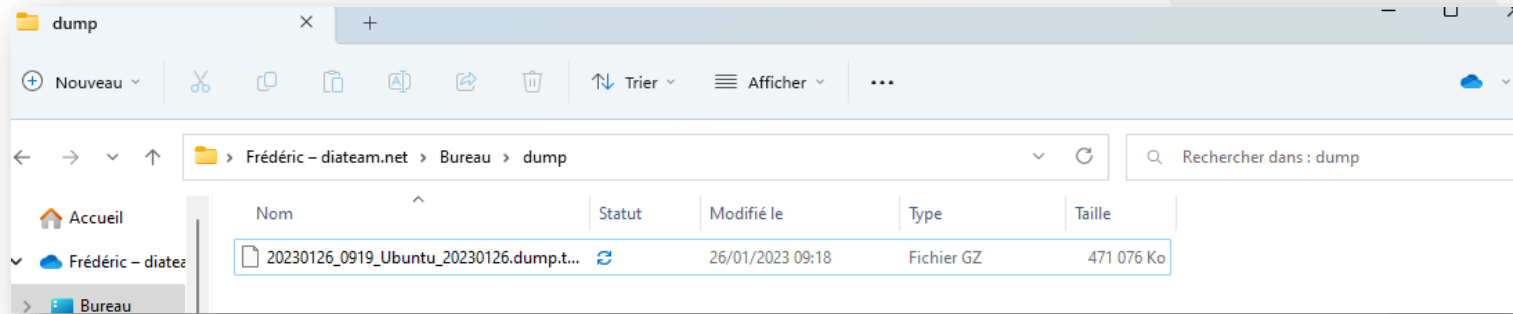
- Capture job



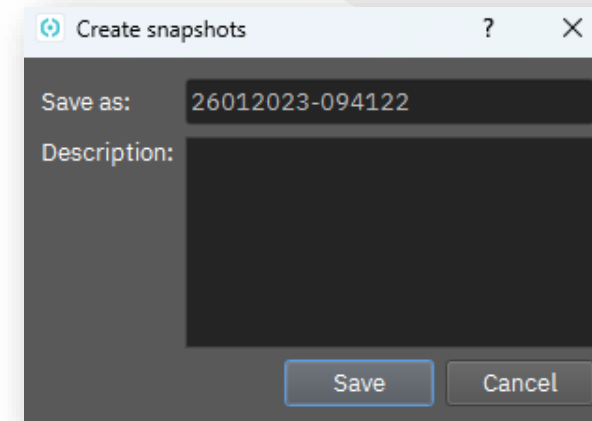
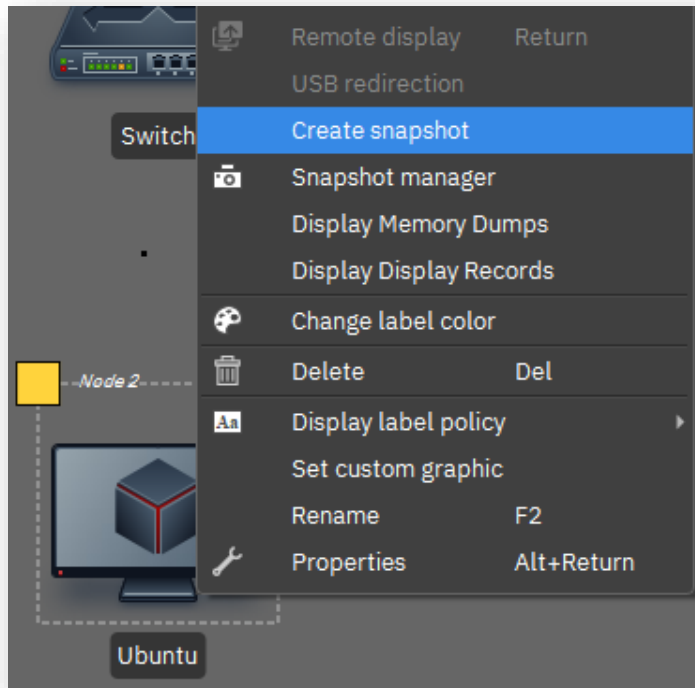
- Memory dumps
 - Required software installation : 7zip, winzip, winrar, ...
 - Enable when entity is defined, and disable when entity is undefined



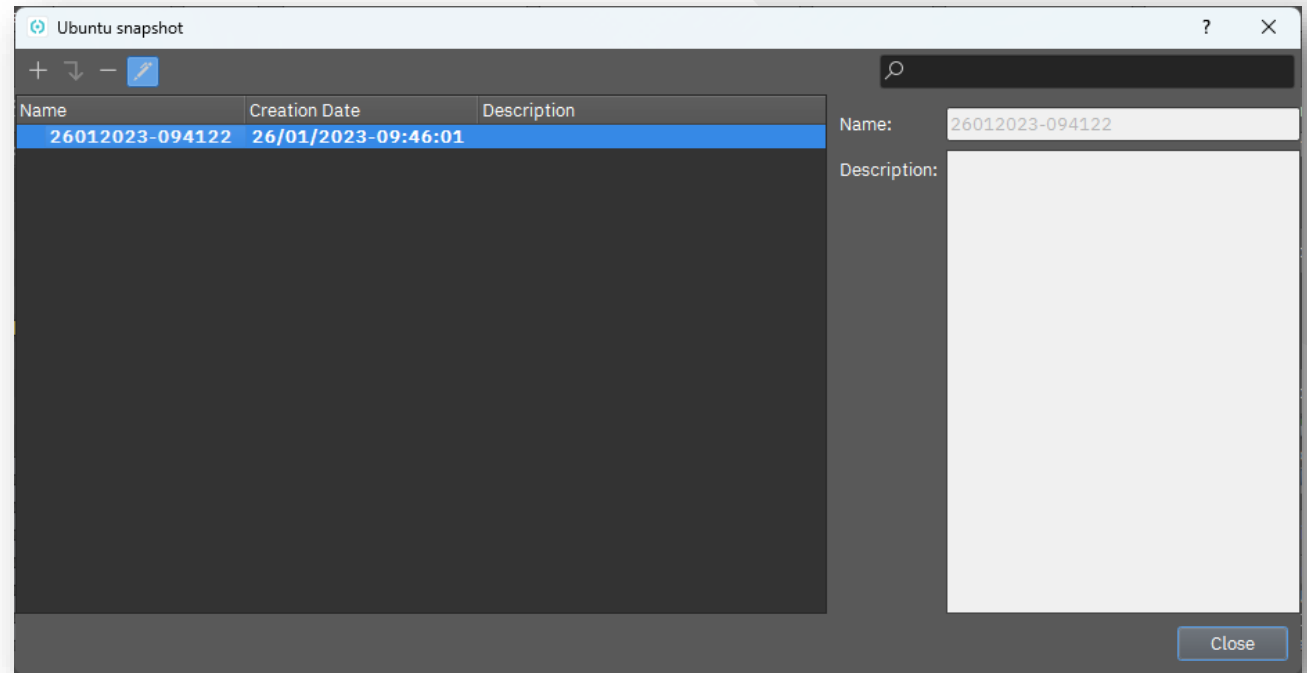
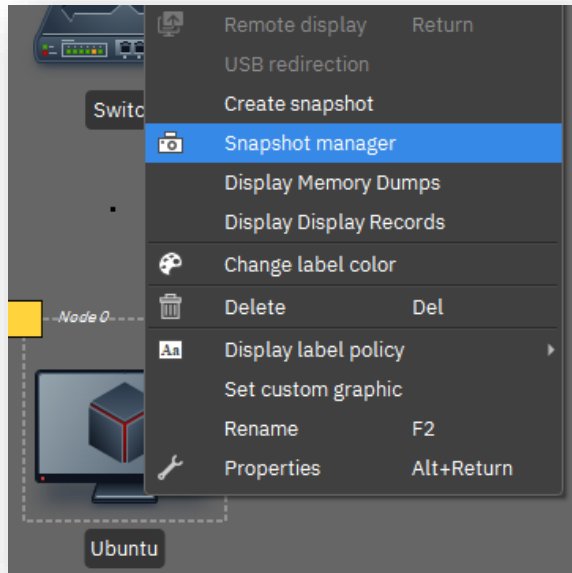
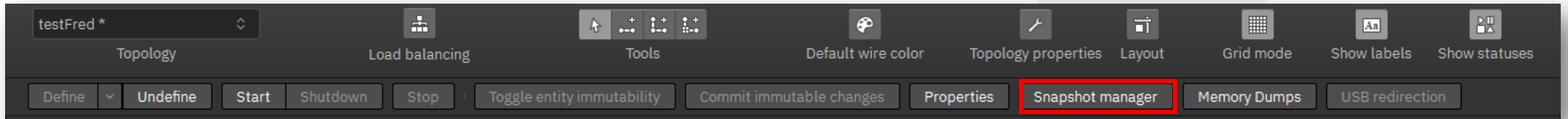
- Memory dumps



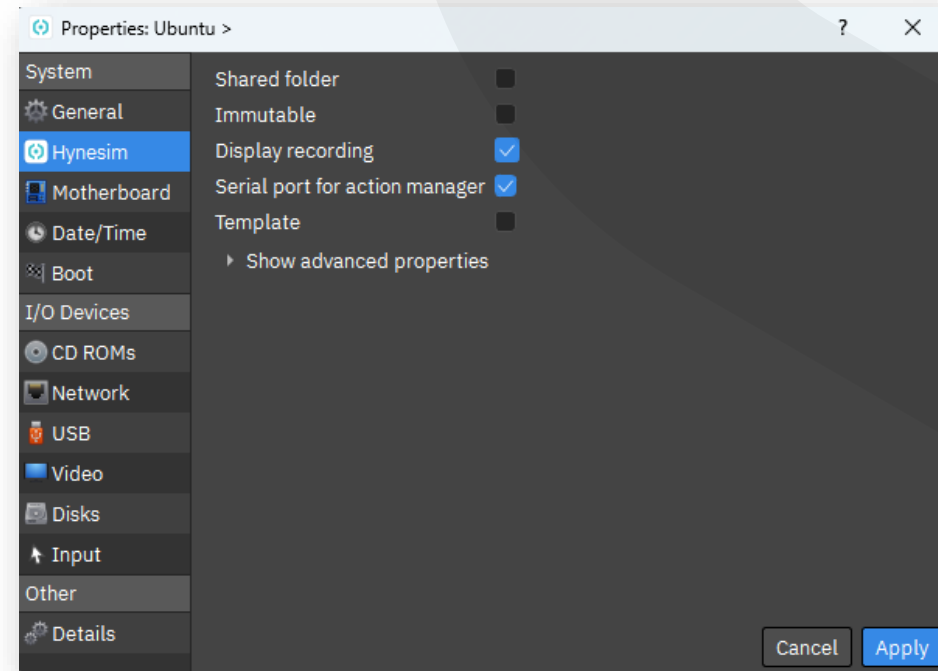
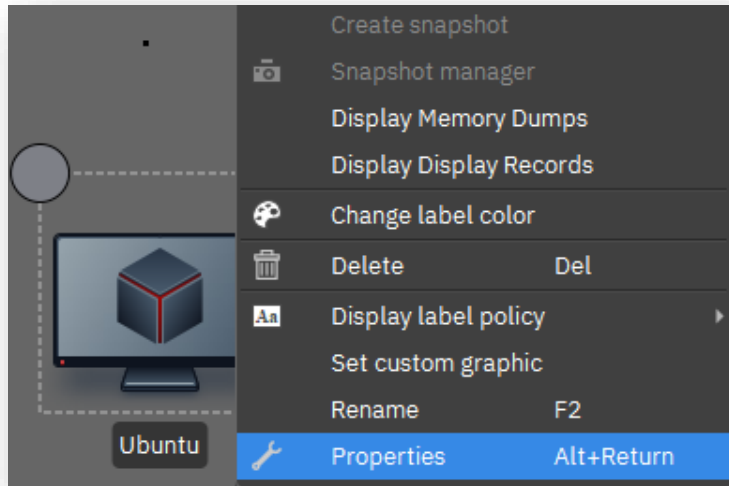
- Snapshots manager
 - Enable when entity is defined, and disable when entity is started
 - Permit to keep a save instance of virtual machine



- Snapshots manager



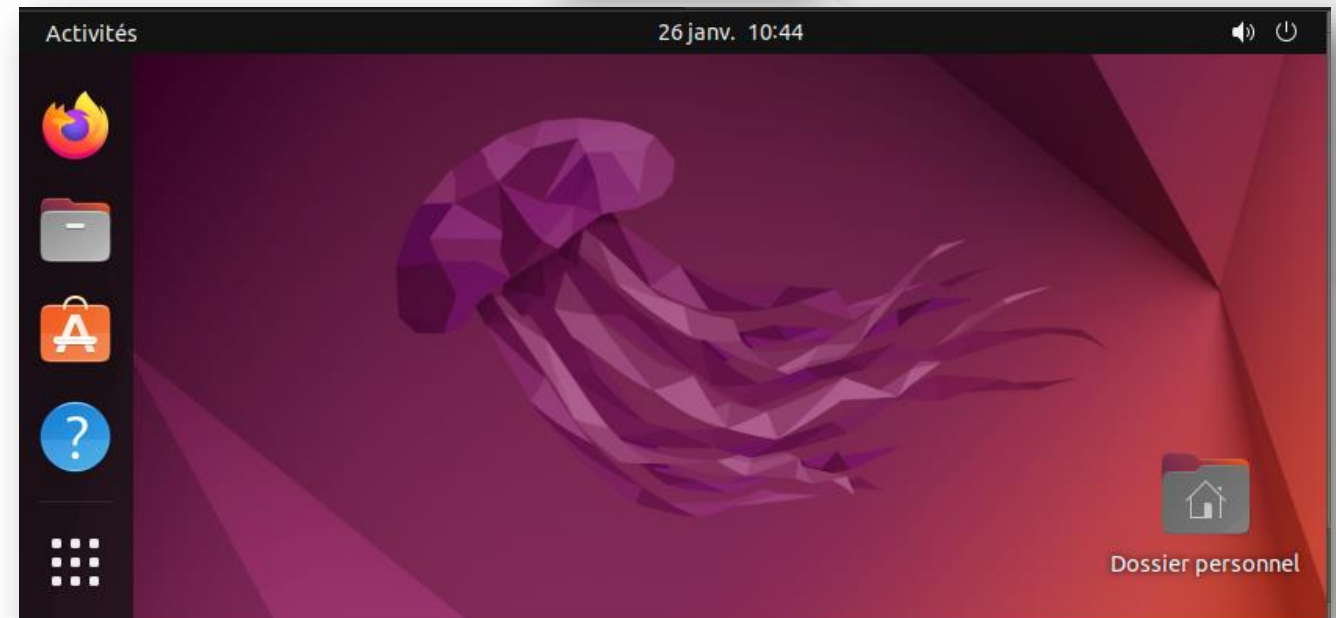
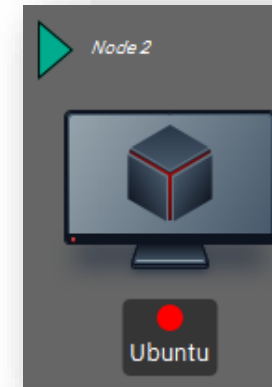
- Record session
 - This property option is accessible only when entity is undefined



Features

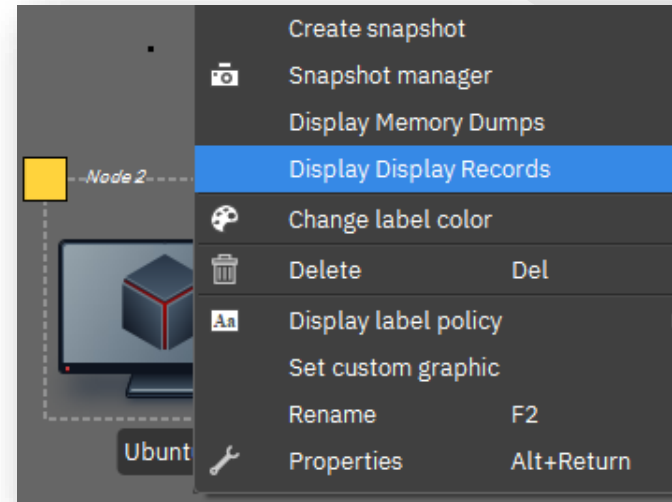
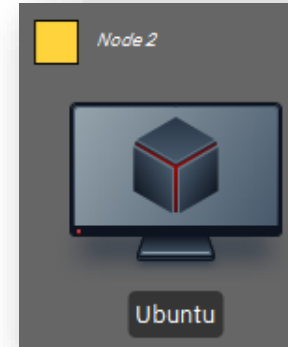
- Record session
 - Start the entity

- Configure your entity

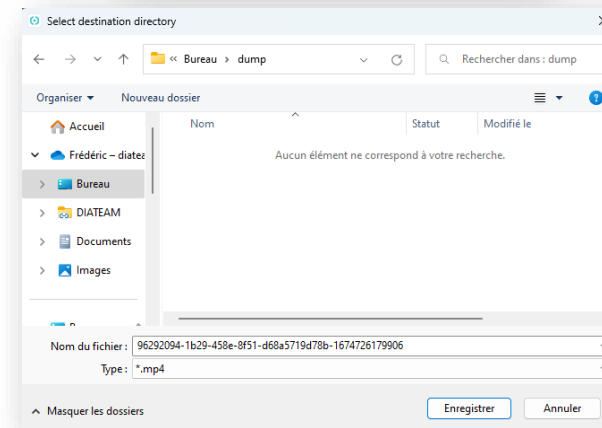
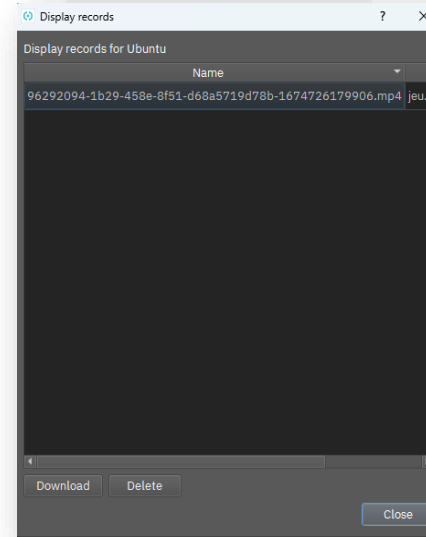


Features

- Record session
- Stop your entity
- Display the record

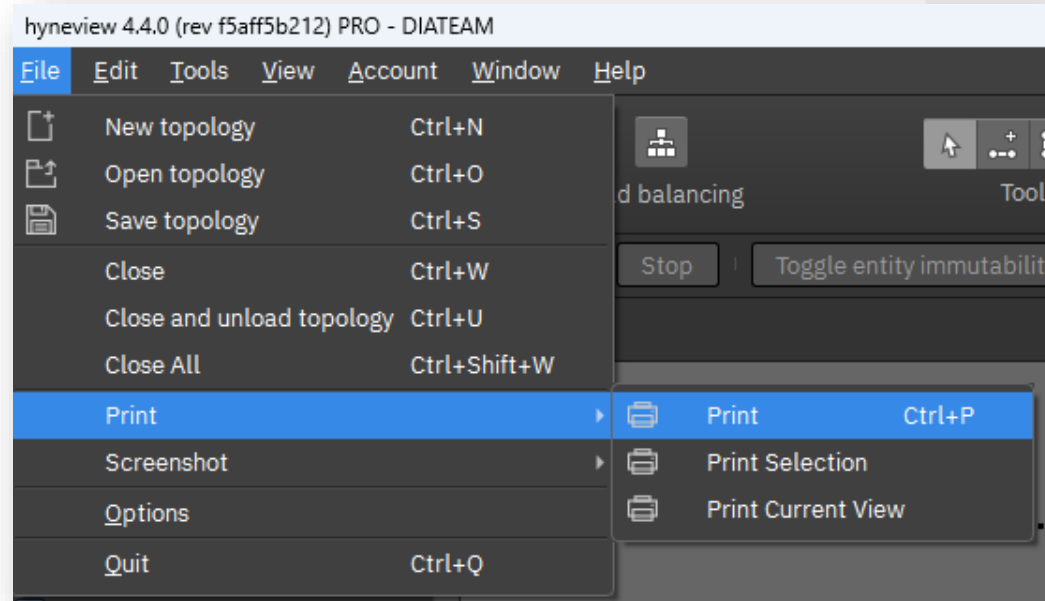


- Record session
- Display all saved session realized
- Download the corresponding video file

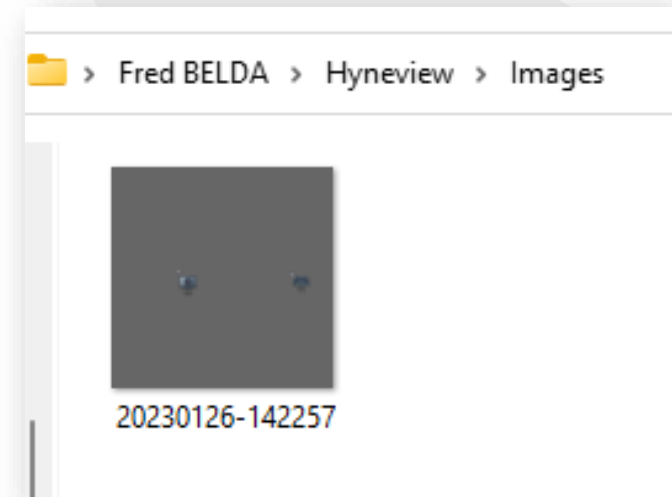
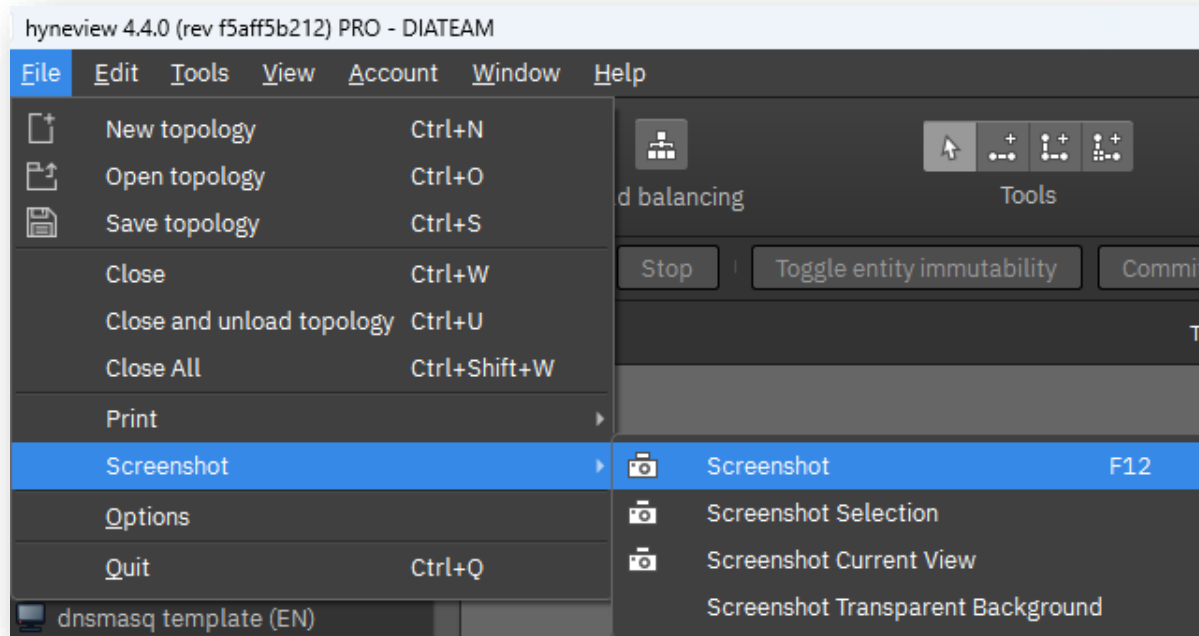


Features

- Print



- Screenshot





DIATEAM

MILITARY & CIVIL CYBERSECURITY
SOLUTIONS



MANY THANKS !
QUESTIONS ?