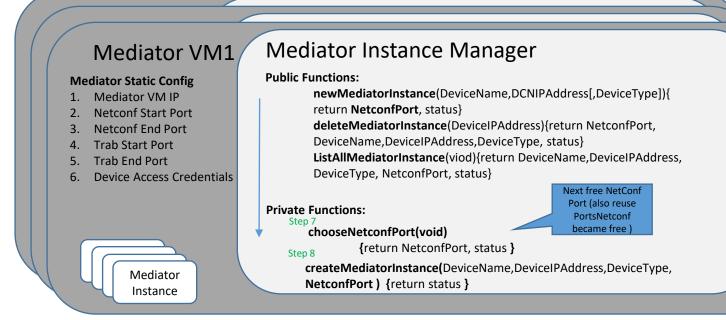


## **SDN Controller**



## Mediator Orchestrator **Static Config:** DeviceTy List-of-Mediator Host IPs, Vendor pe to **Public Functions:** Mediator newMediatorInstance (DeviceName, -List DeviceIPAddress, DeviceType Vendor ) {return: Mediator VmIP, NetconfPort, status} **Return Mediator** VM with lowest Ressource **Private Functions:** Utilization chooseMediatorVmIP(DeviceType,

Vendor ) {return MediatorVmIP, status }

DeviceIPAddress,DeviceType) {return NetconfPort

createMediatorInstance(MediatorVmIPm,

Optinal: E/// would benefit

Step 5

status }

Step 4

## **Questions:**

1. Where do we get the netconfPort in case of native?
Answer: Is standard SSH 831

## Open Points:

- .. Exception Handling (e.g for E/// TN) in case of NAT, need to be handled
- 2. Backup and restore. When the Mediato VM crashes, the exsisting netconfPort Assignment have to be correct restored.
- 3. It must be prevented that one Device ist configured several times as Mediator Instance on same and on different VMs
- Structure NetconfPort Ranges, each Mediator VM gets dedicated ranges.
   What happens. Happens when a new VM must be created for Performance Reasons.