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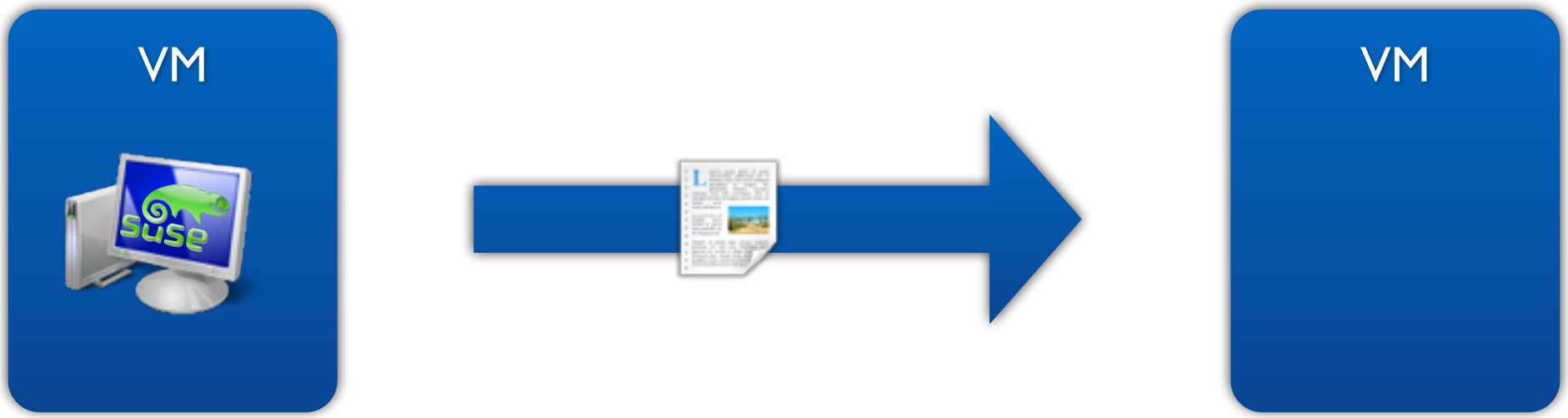
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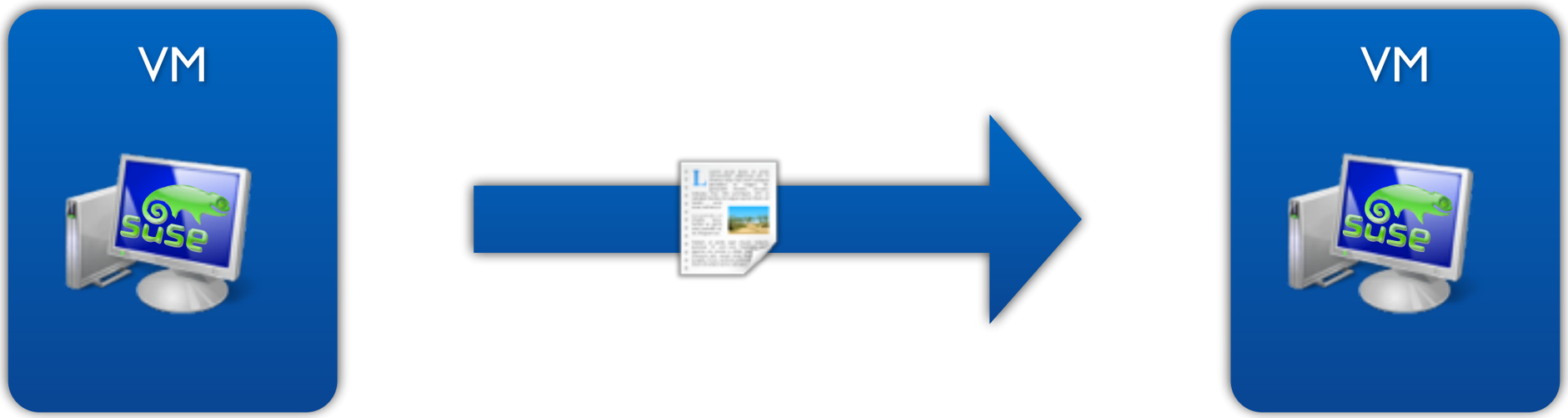
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VM
suse

VM
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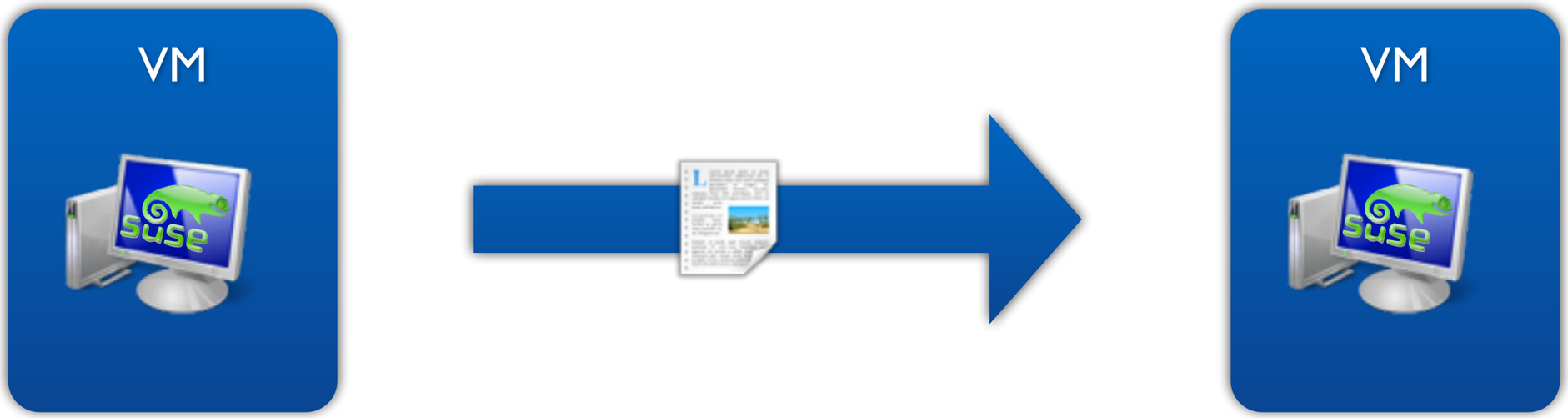
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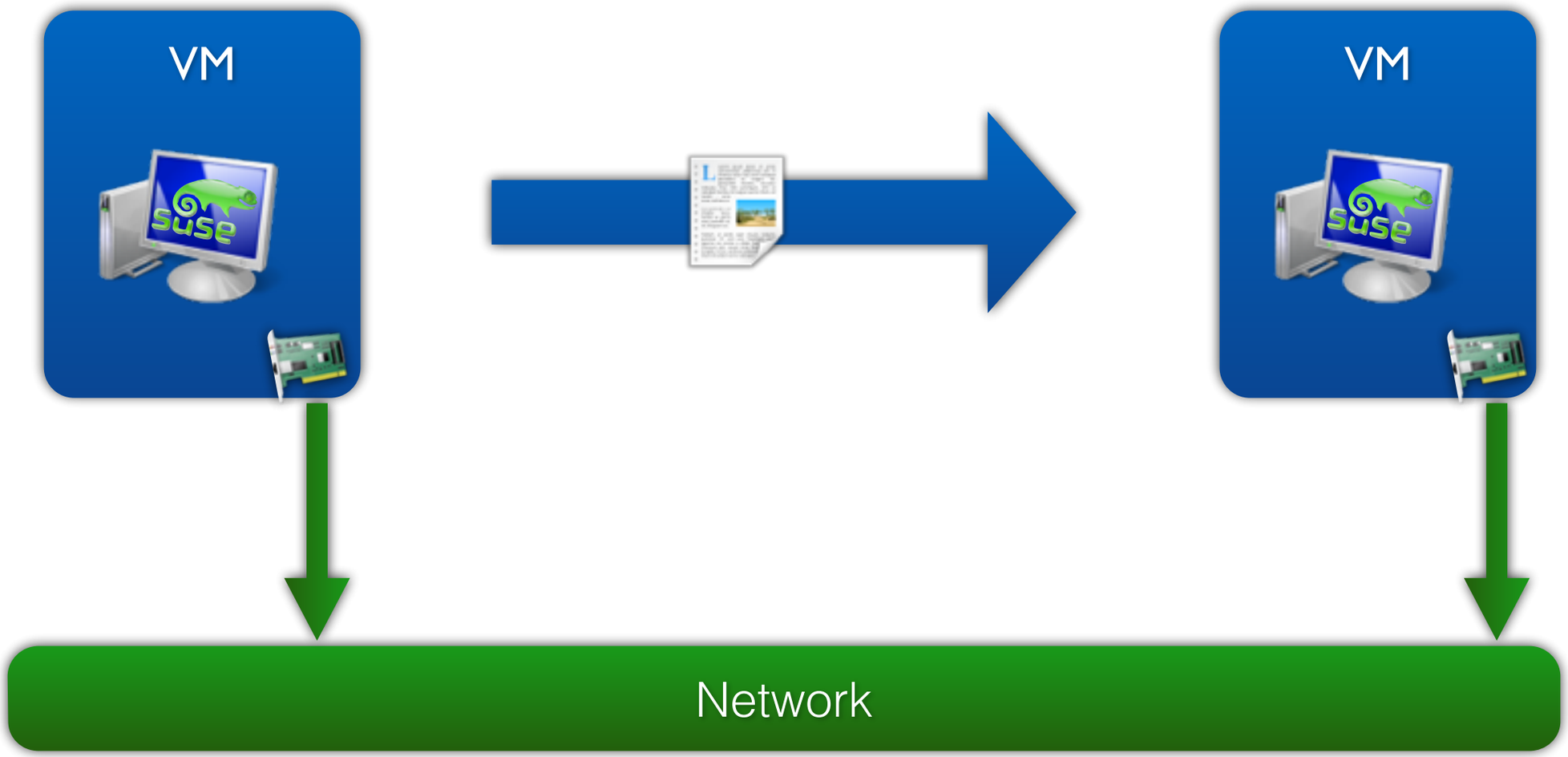
VM
suse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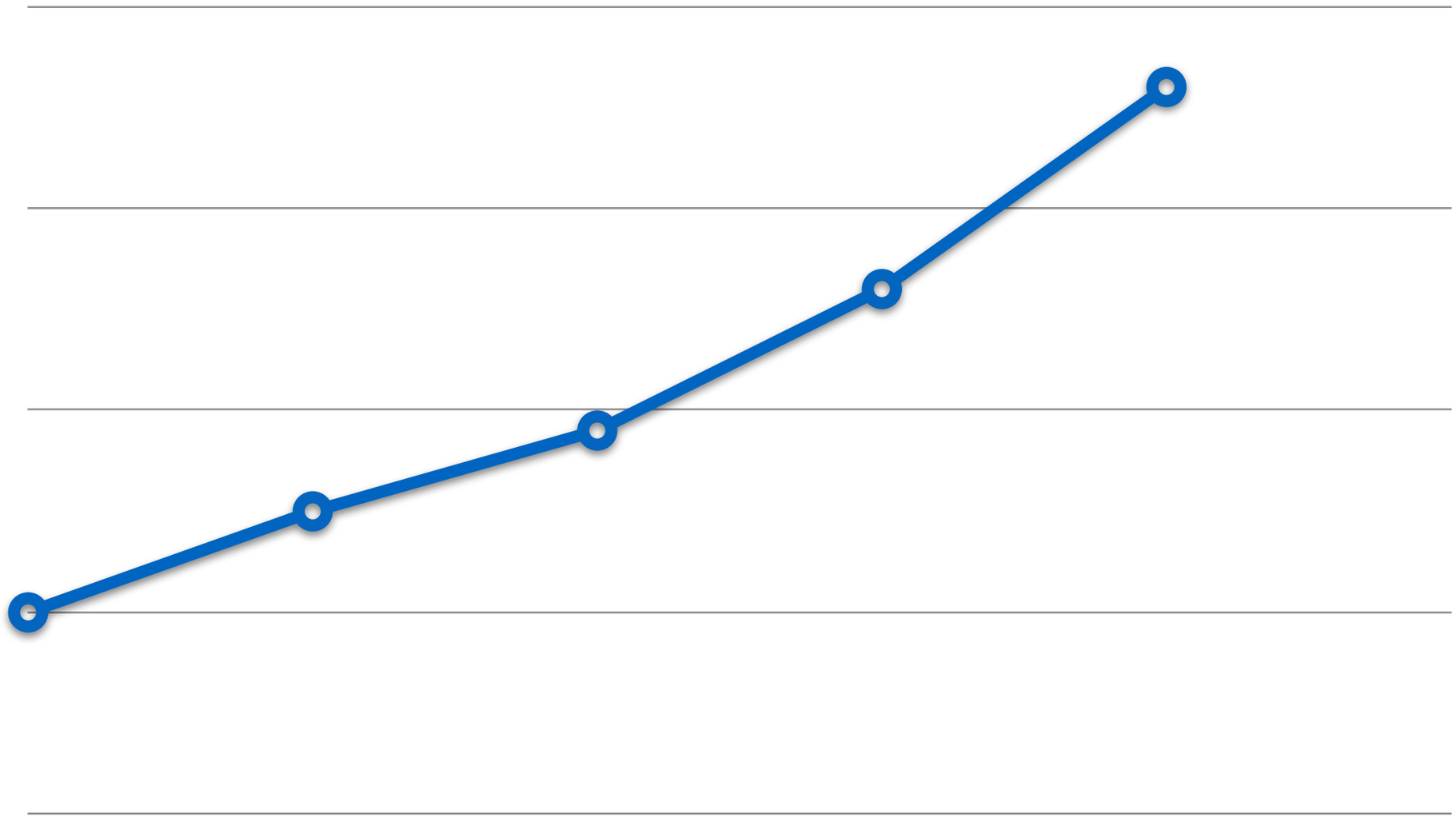

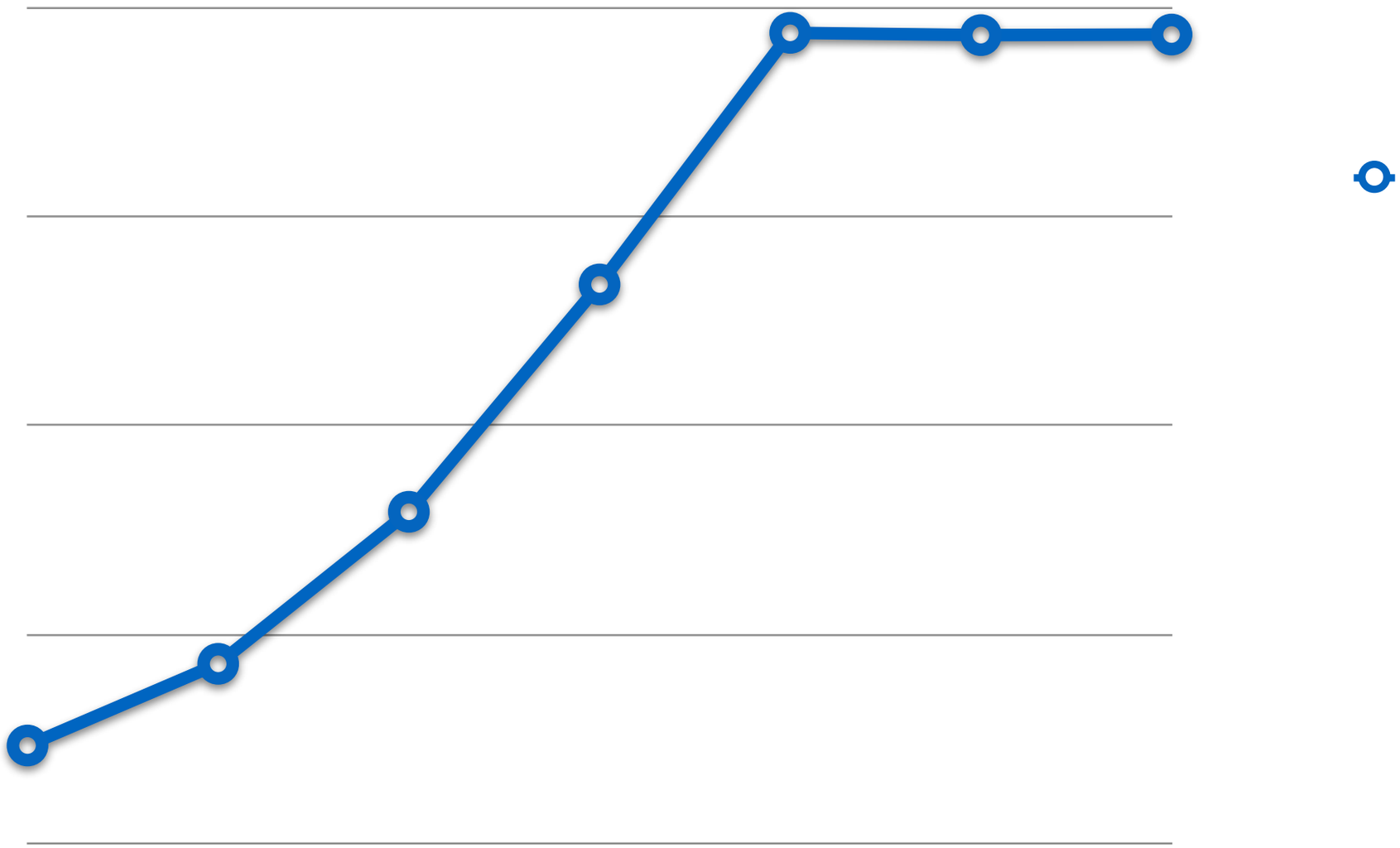

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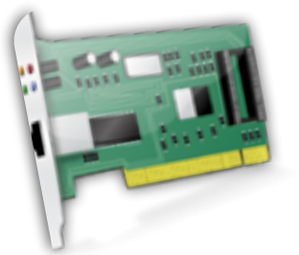

TX ring
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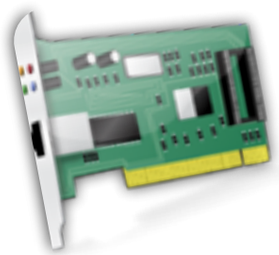
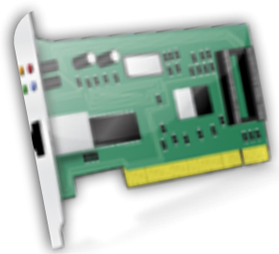
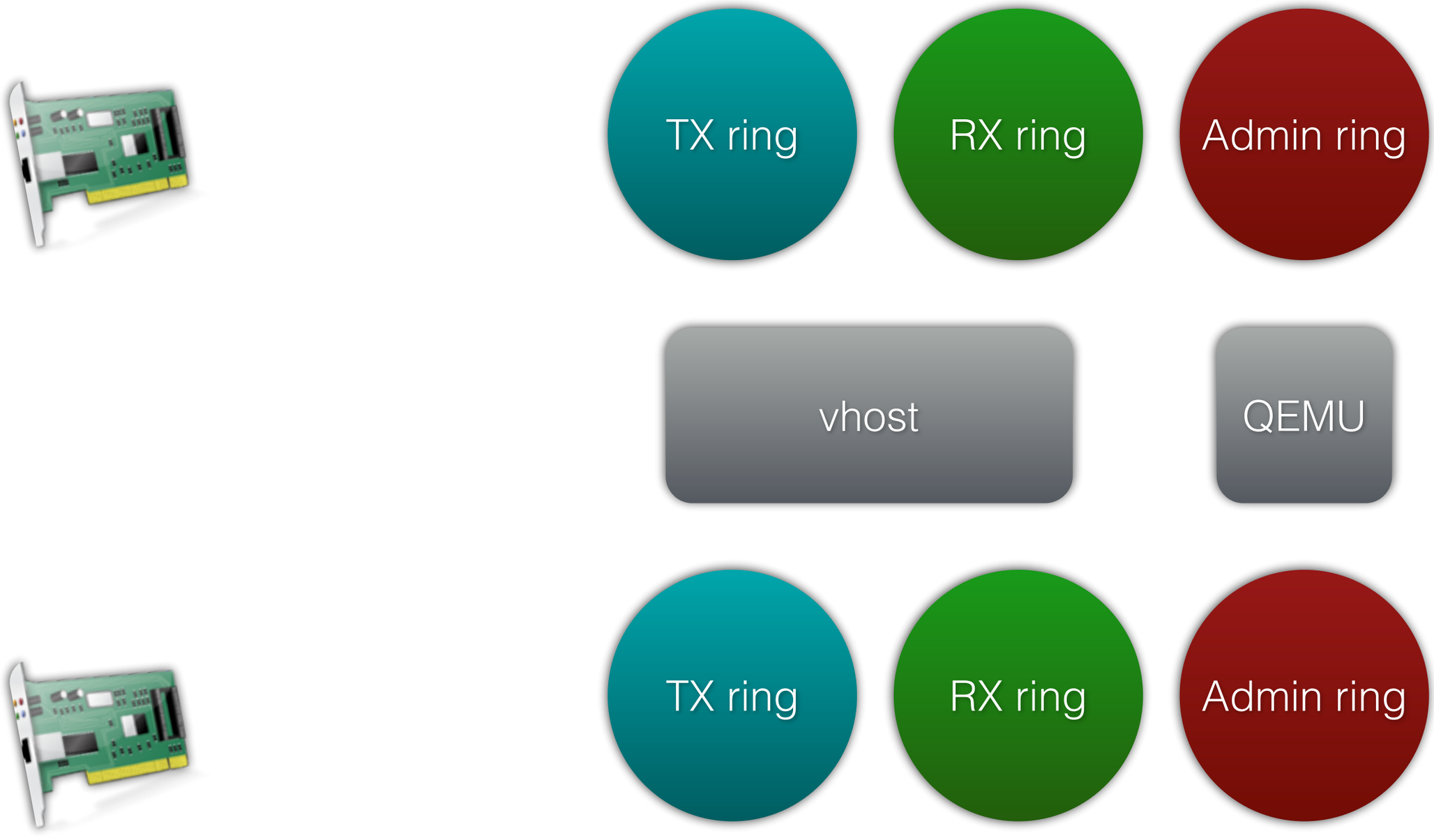
Admin ring

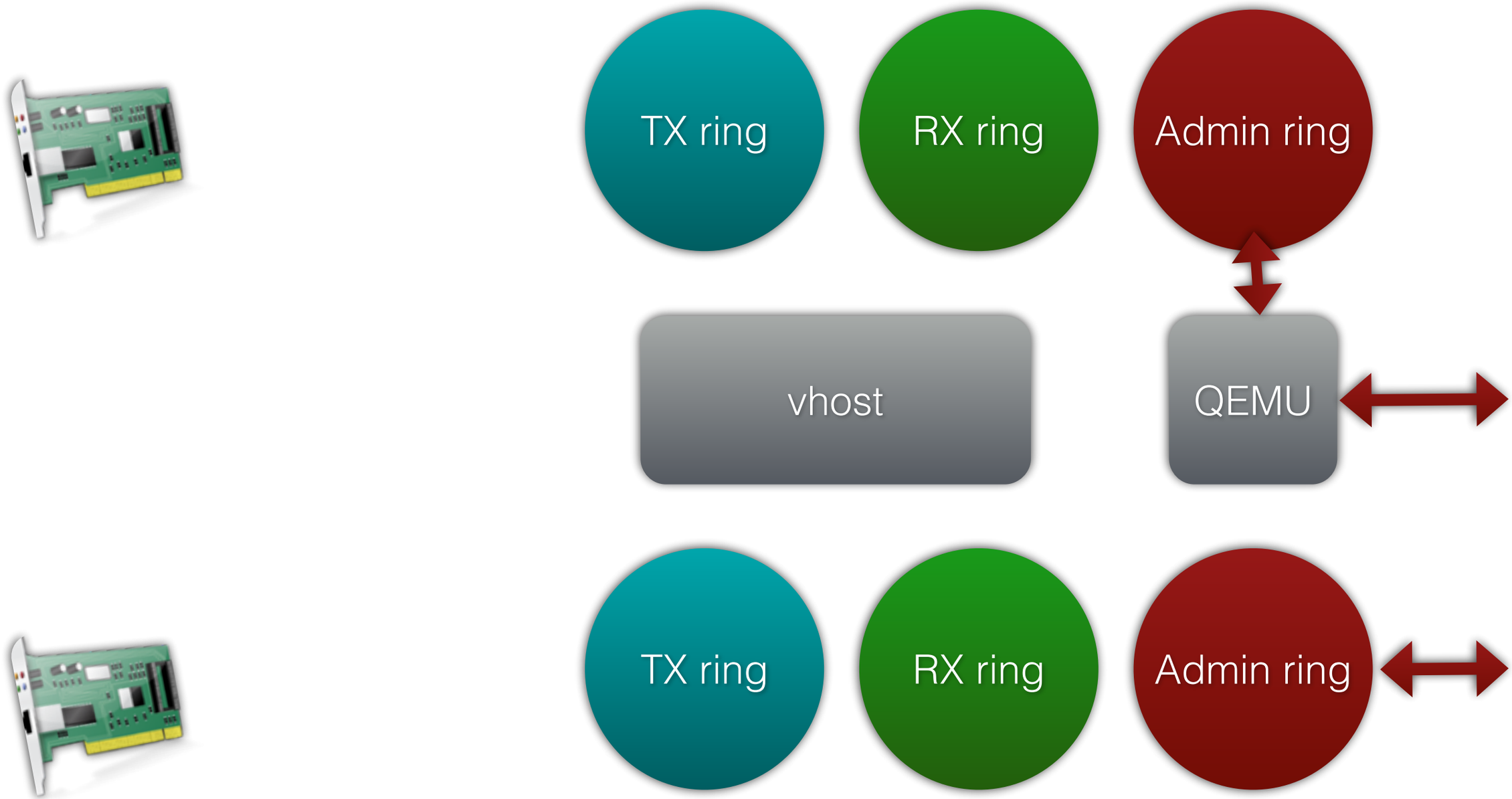


TX ring
RX ring
Admin ring



TX ring
RX ring
Admin ring


TX ring
RX ring
Admin ring
vhost
QEMU
TX ring
RX ring
Admin ring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RX ring
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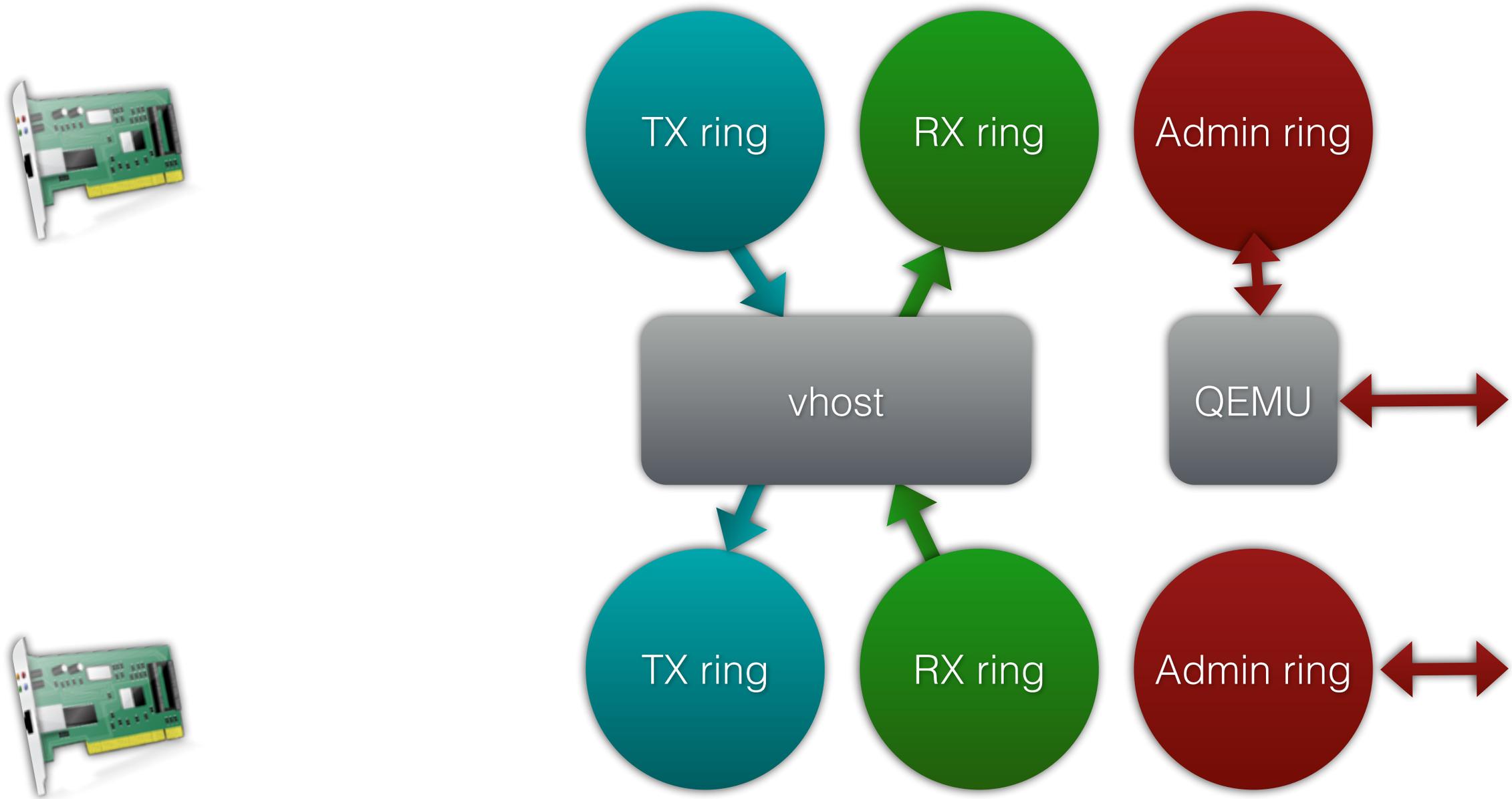
vhost
QEMU
TX ring
RX ring
Admin ring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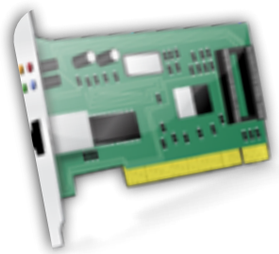
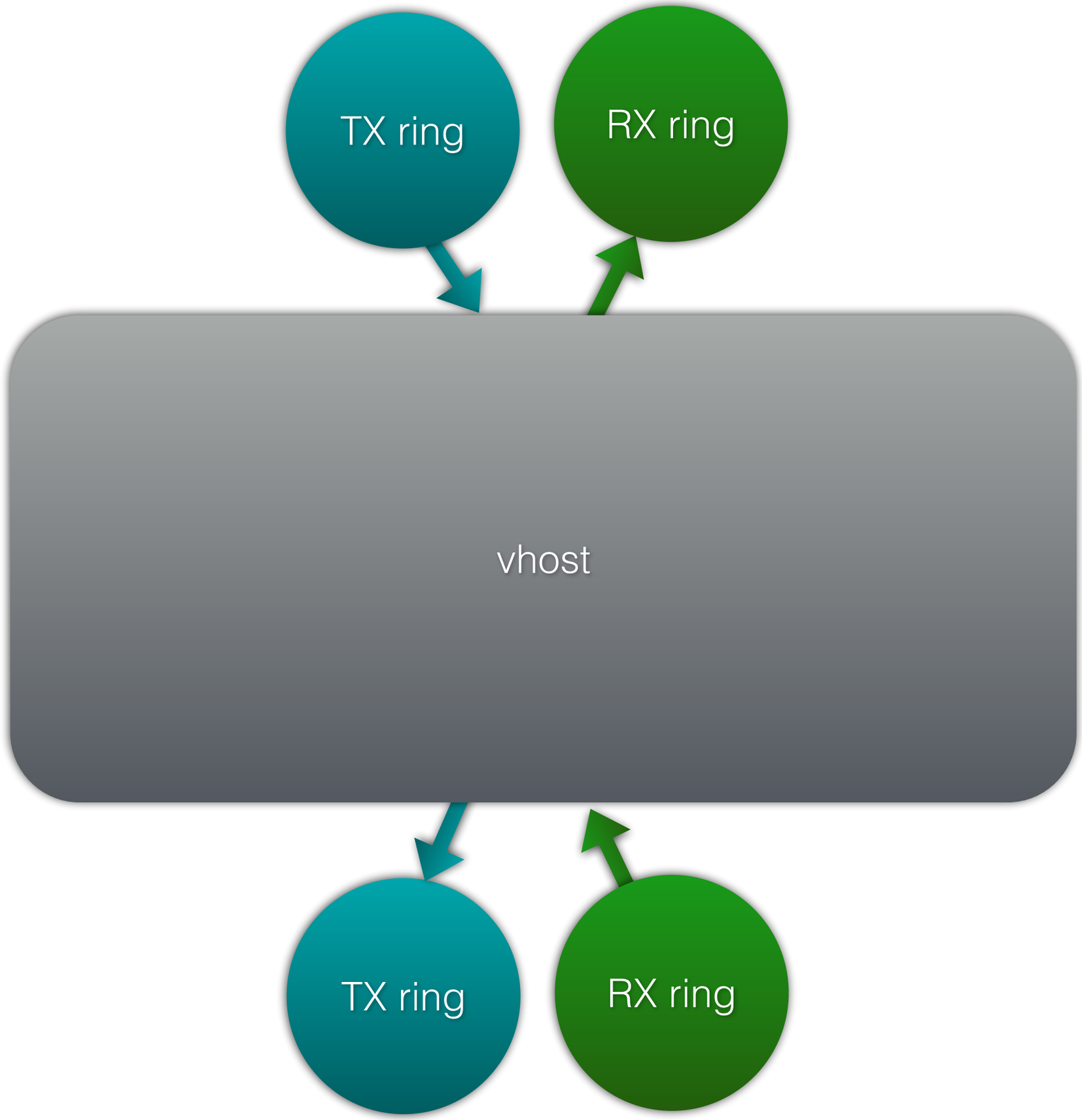
RX ring
Admin ring
vhost
QEMU
TX ring
RX ring
Admin ring

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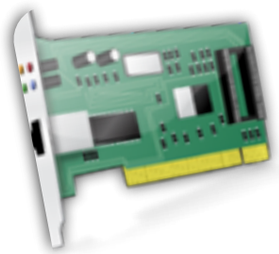
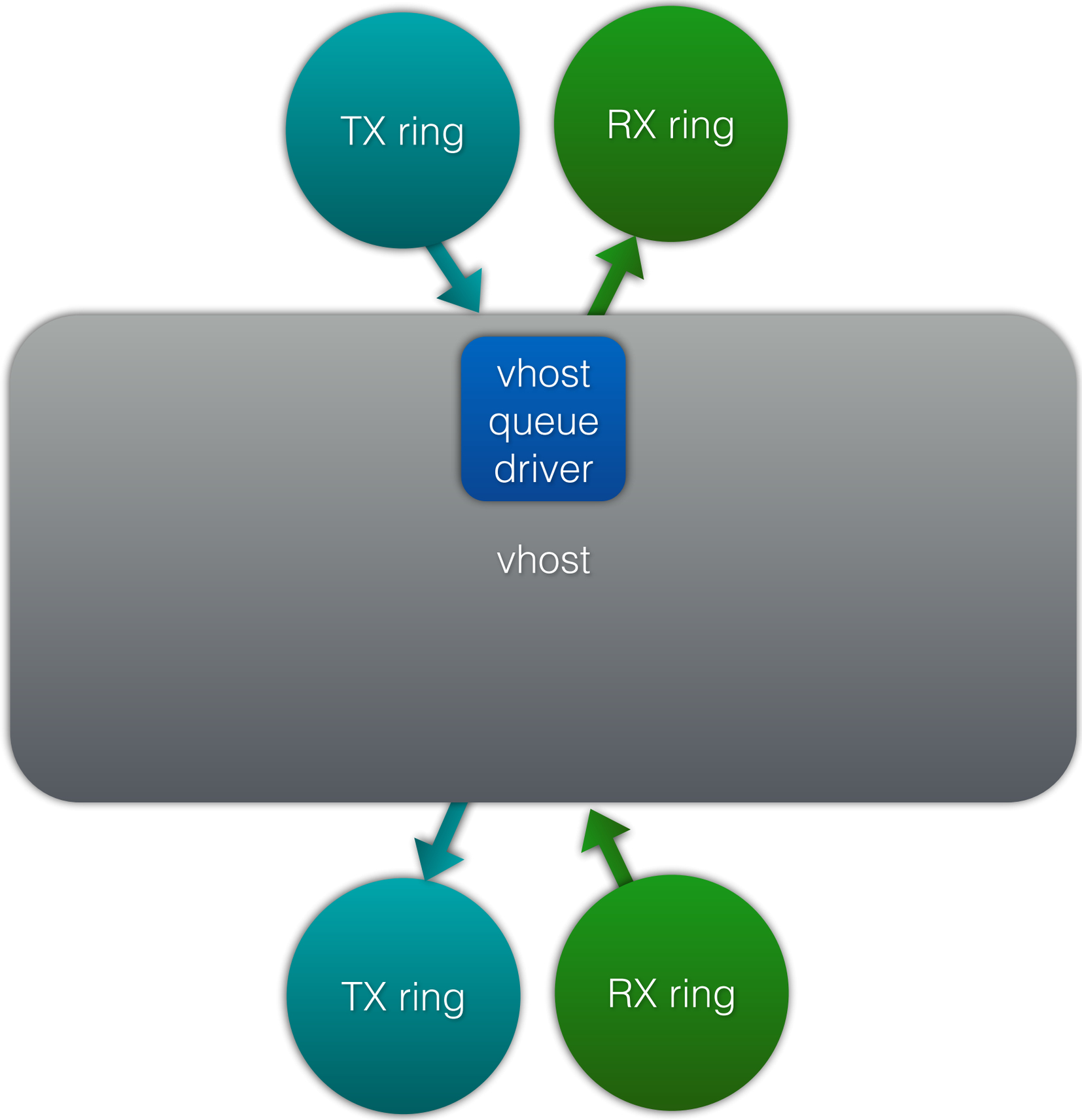
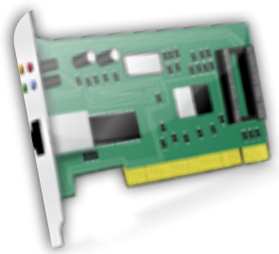
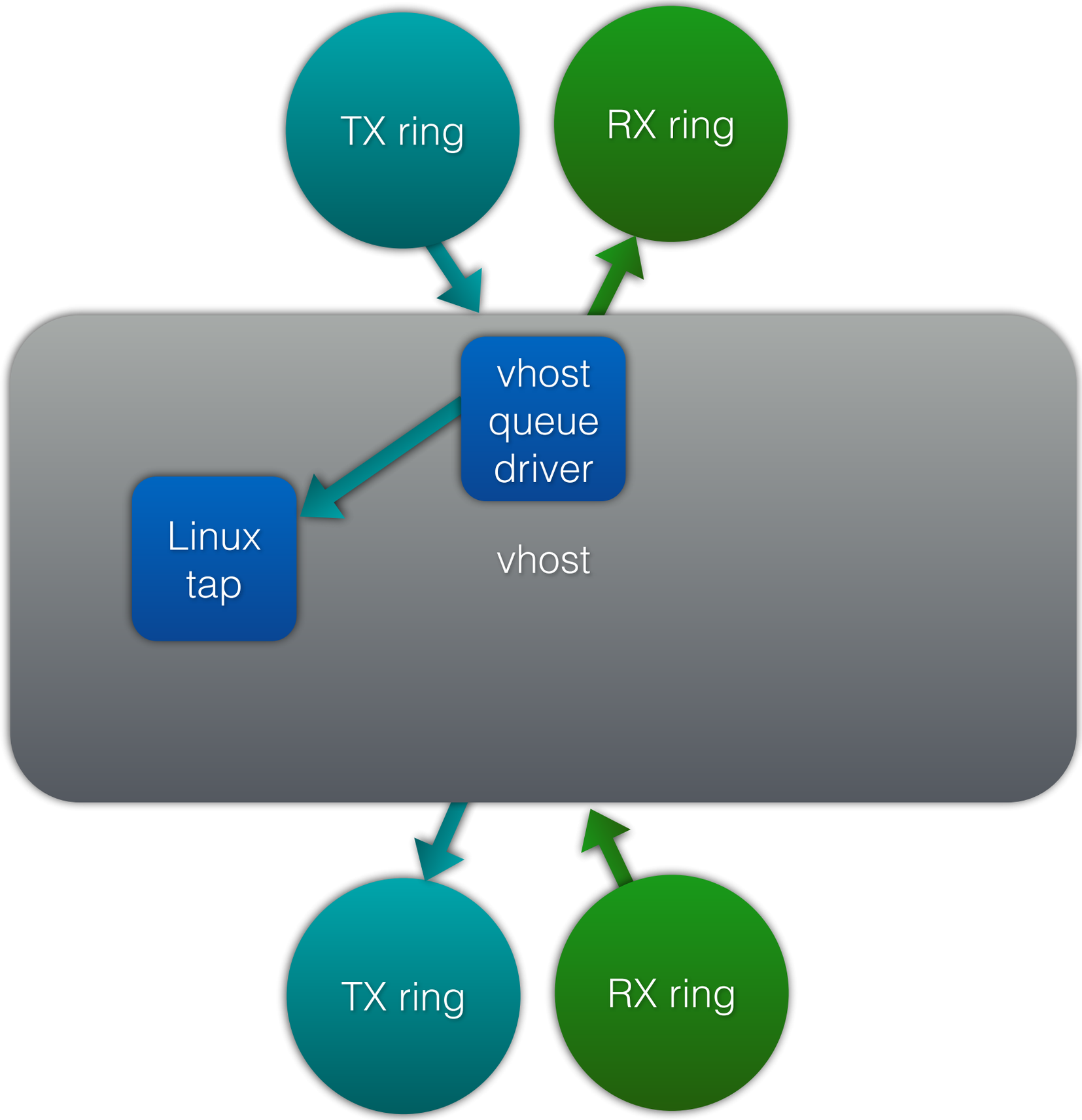
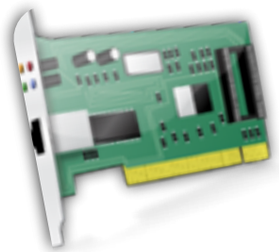
RX ring
vhost
TX ring
RX ring

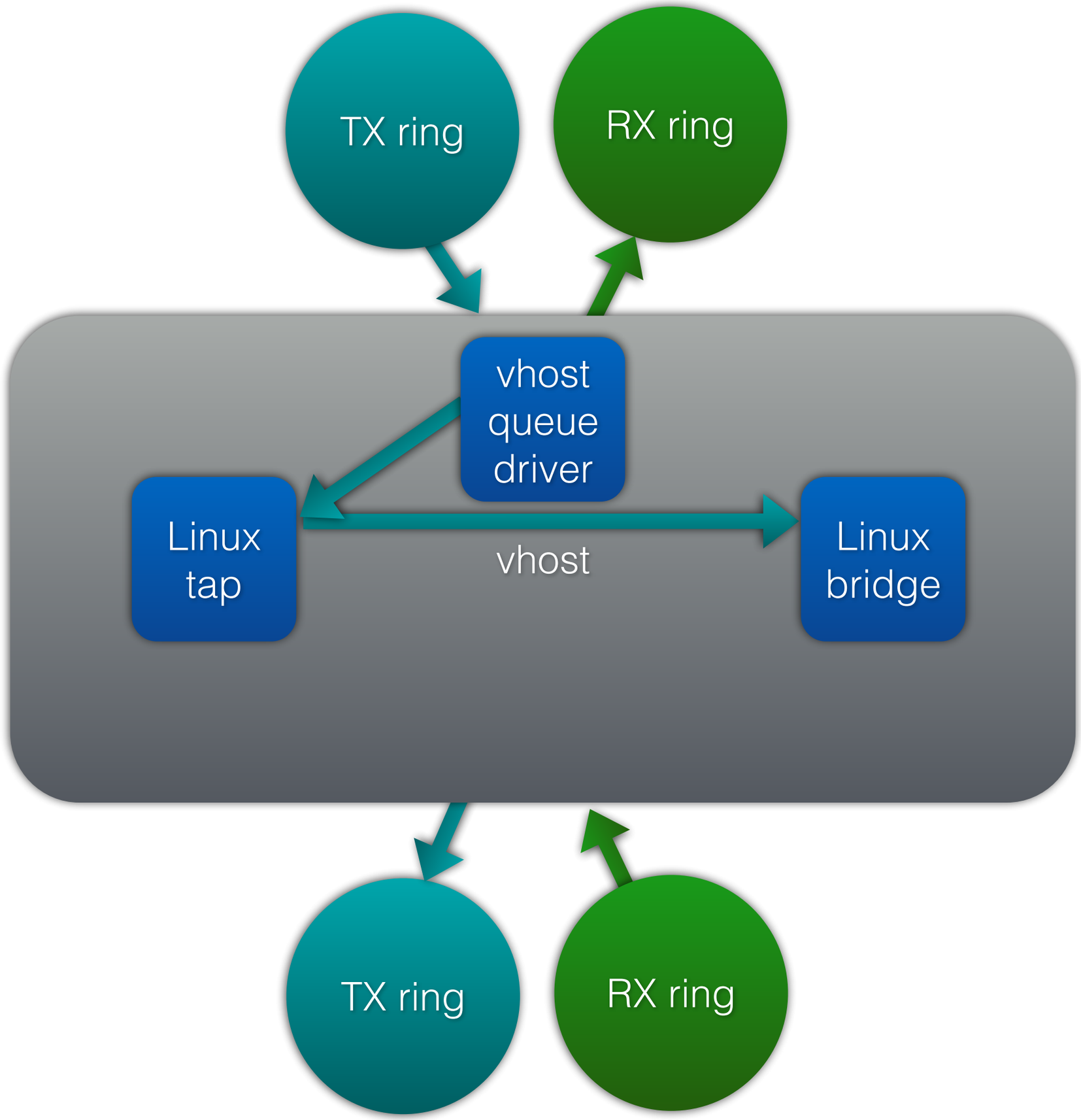


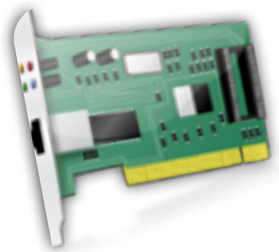

TX ring
RX ring
vhost
queue
driver
vhost
TX ring
RX ring

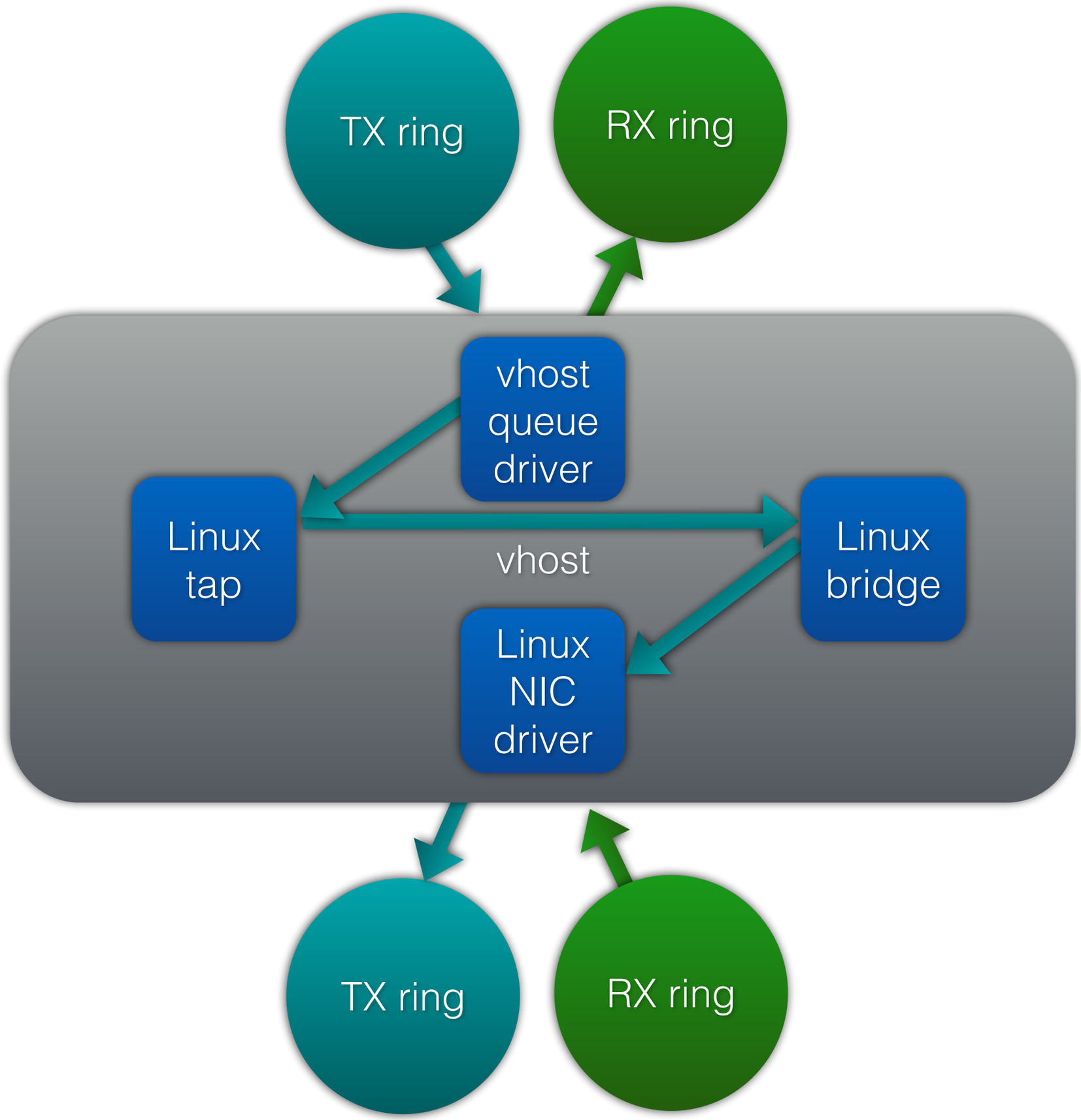


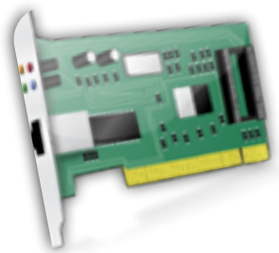

TX ring
RX ring
vhost
queue
driver
Linux
tap
vhost
TX ring
RX ring

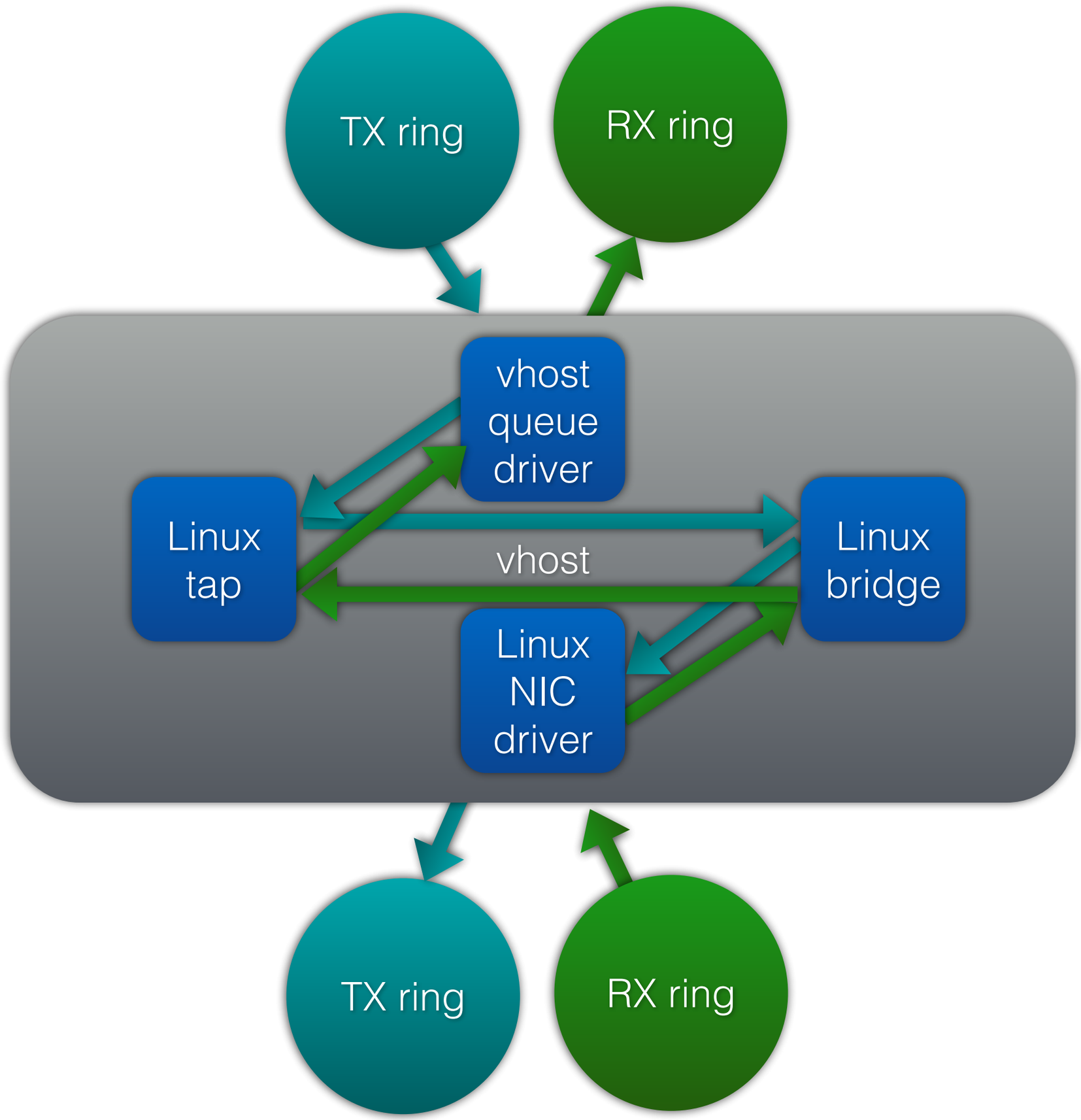



TX ring
RX ring
vhost
queue
driver
Linux
tap
vhost
Linux
bridge
TX ring
RX ring




TX ring
RX ring
vhost
queue
driver
Linux
tap
vhost
Linux
bridge
Linux
NIC
driver
TX ring
RX ring

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RX ring
vhost
queue
driver
Linux
tap
vhost
Linux
bridge
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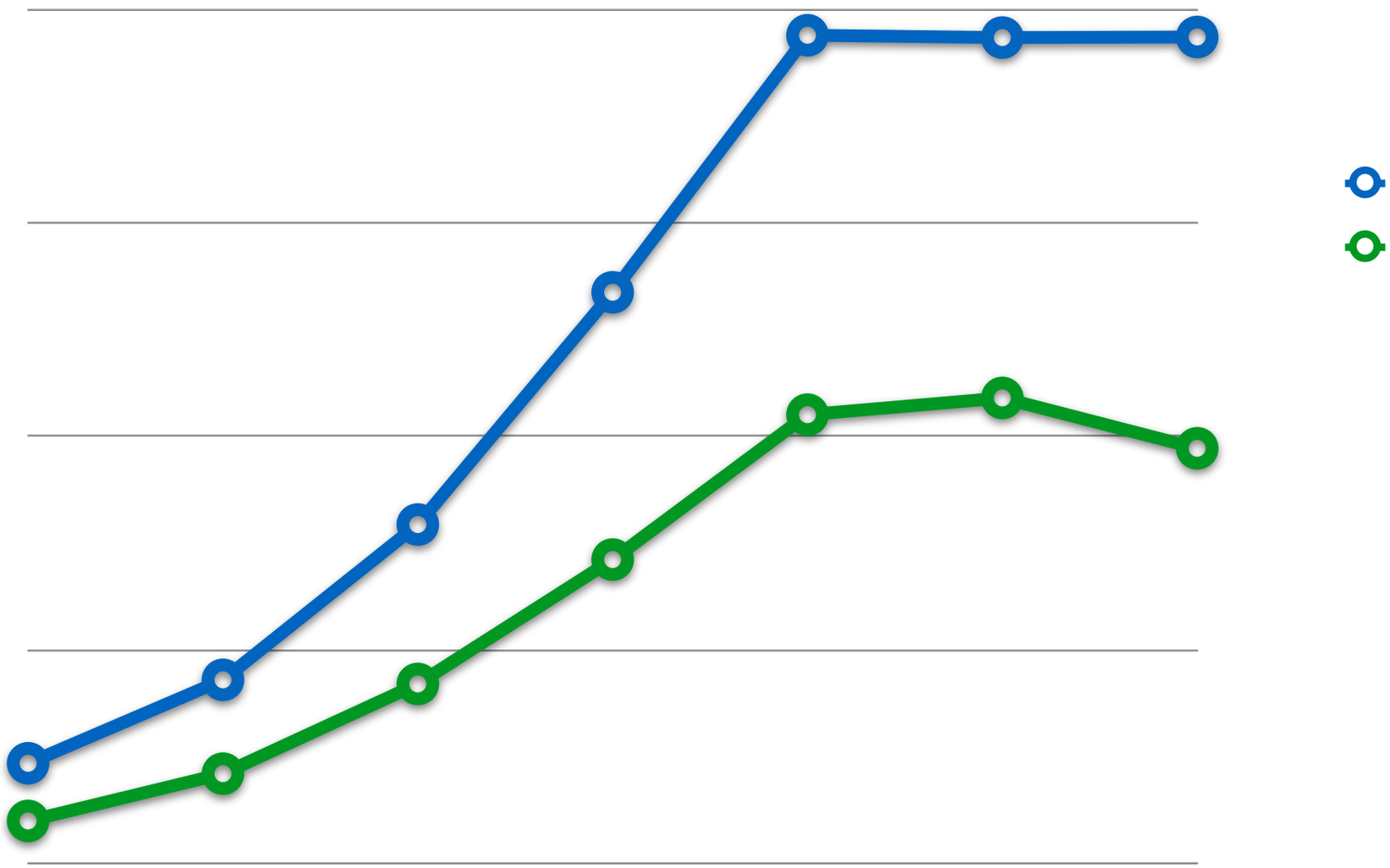
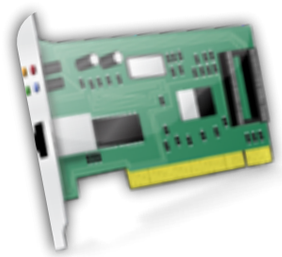
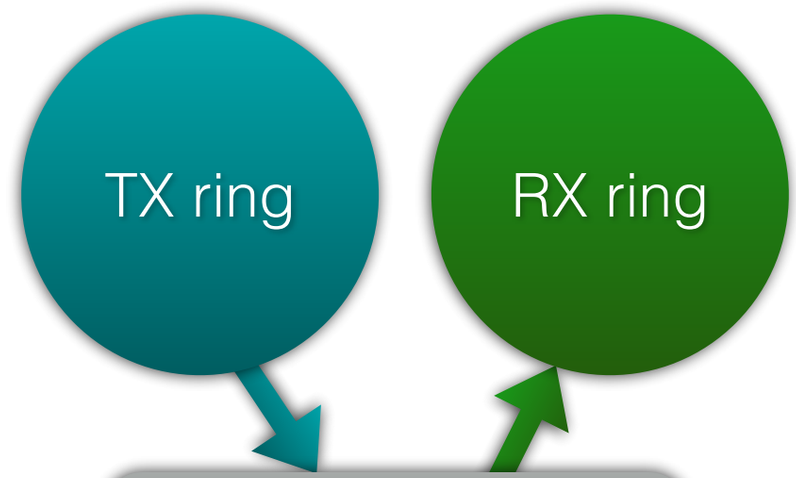
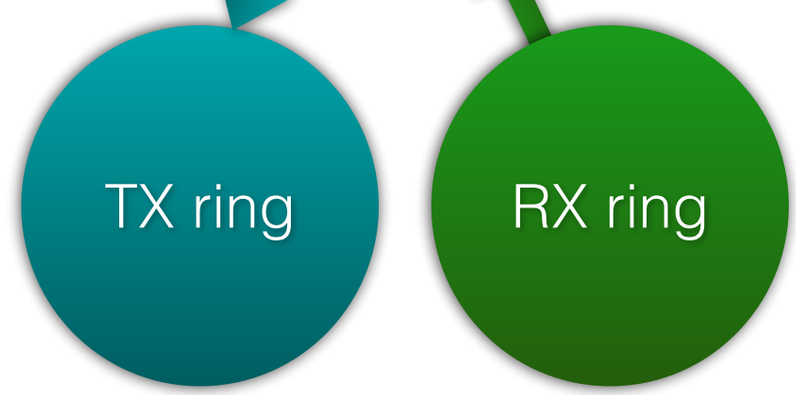
NIC
driver
TX ring
RX ring






TX ring
RX ring

vhost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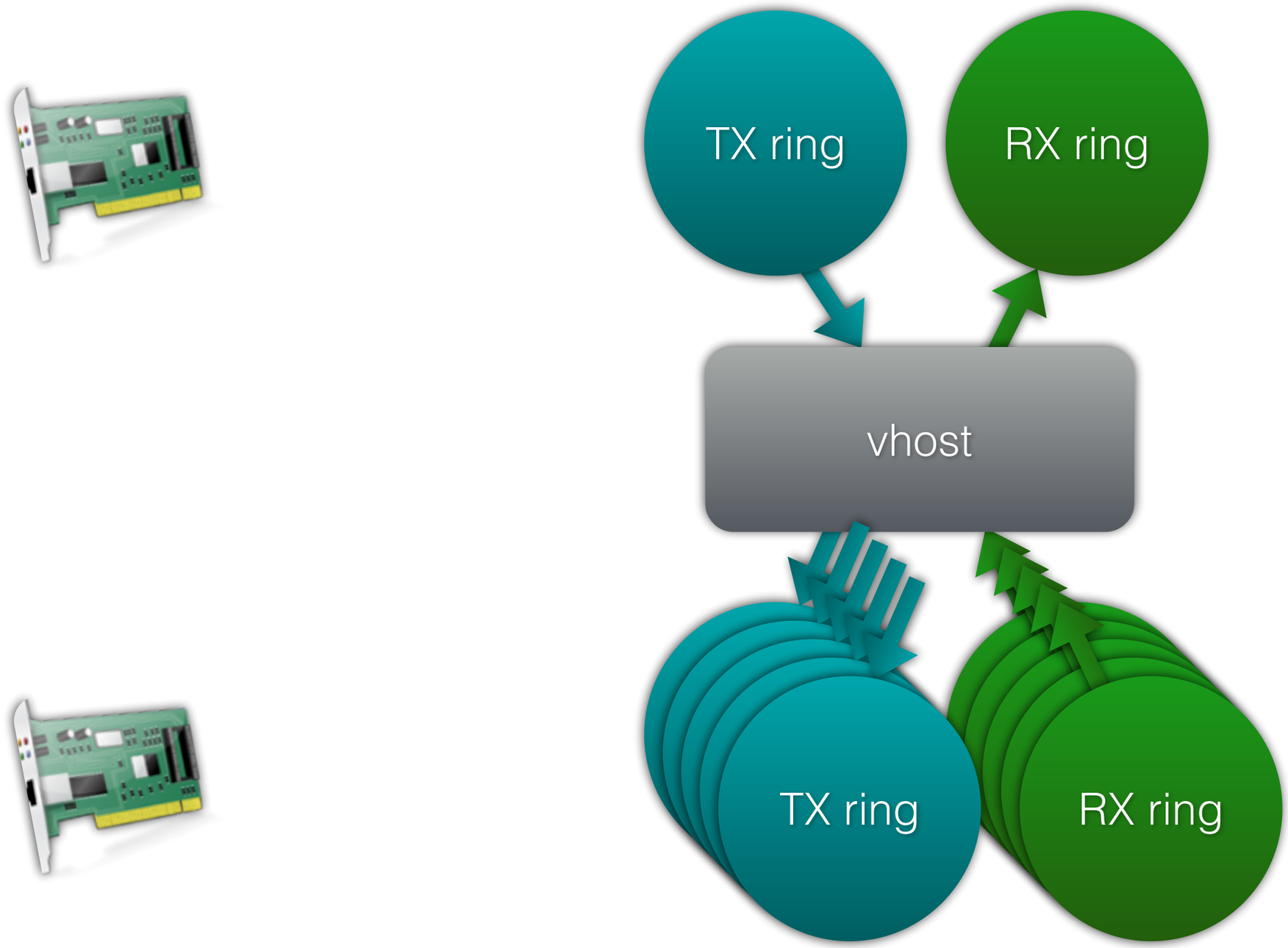
RX ring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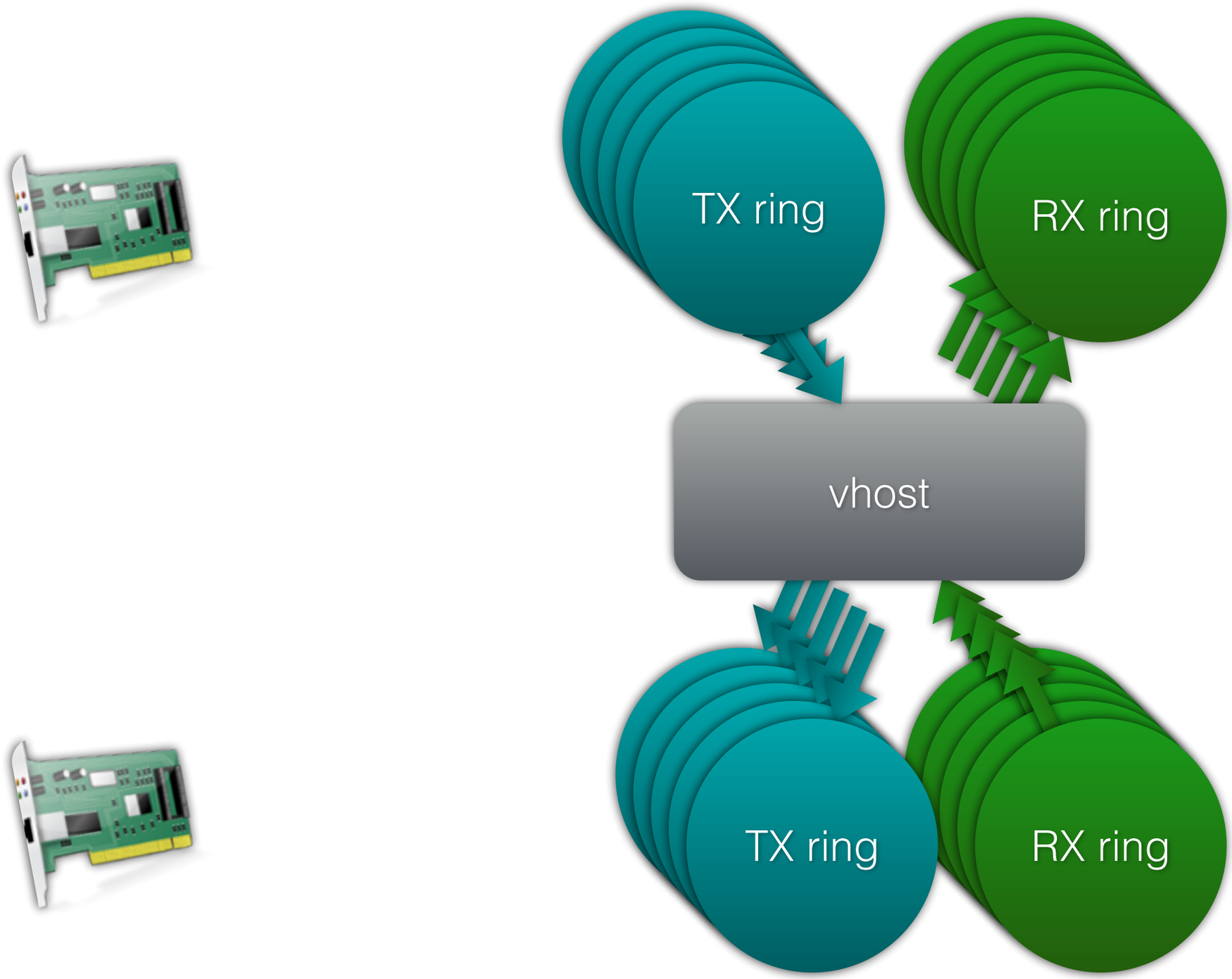
RX ring
vhost
TX ring
RX ring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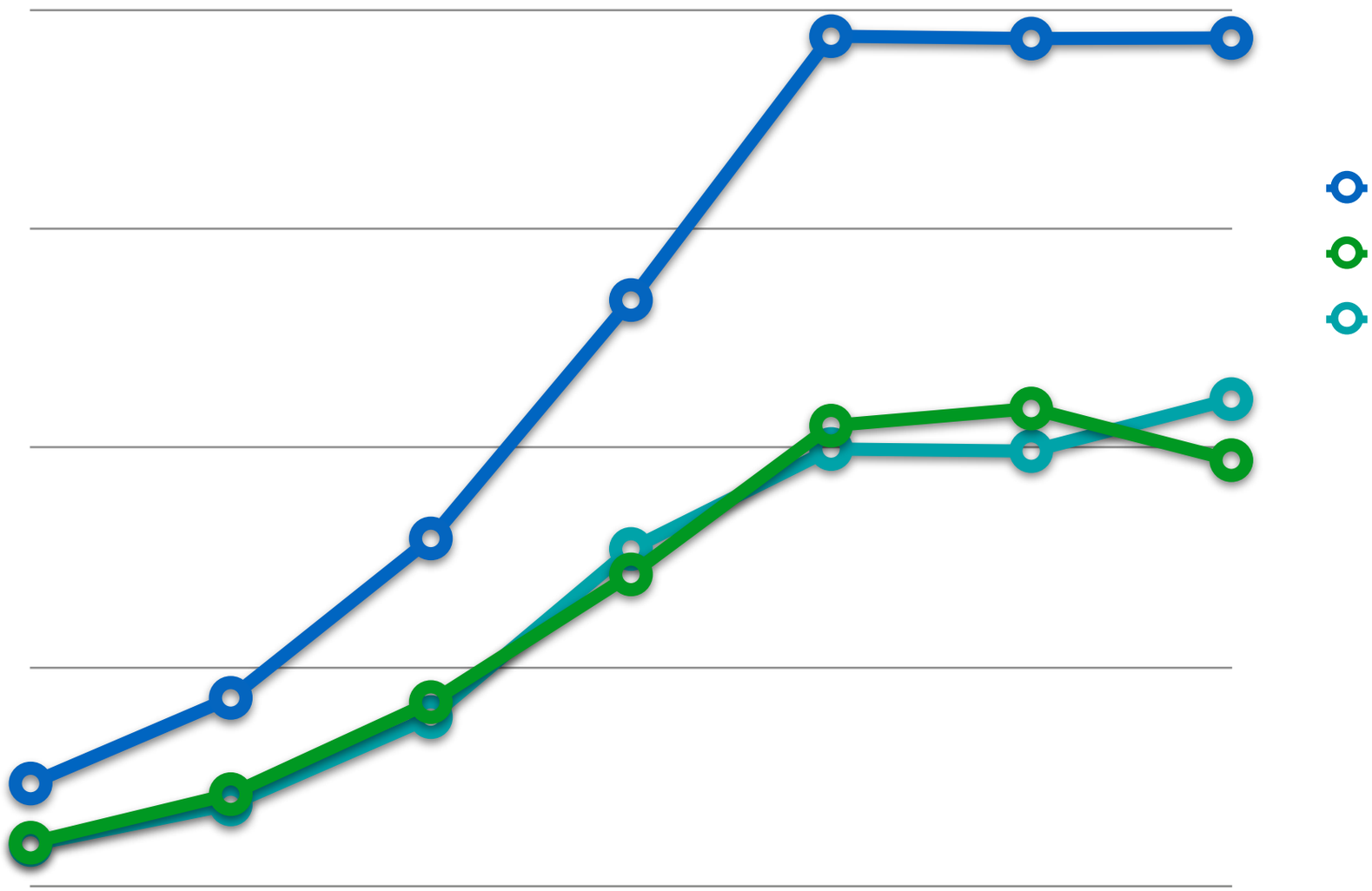
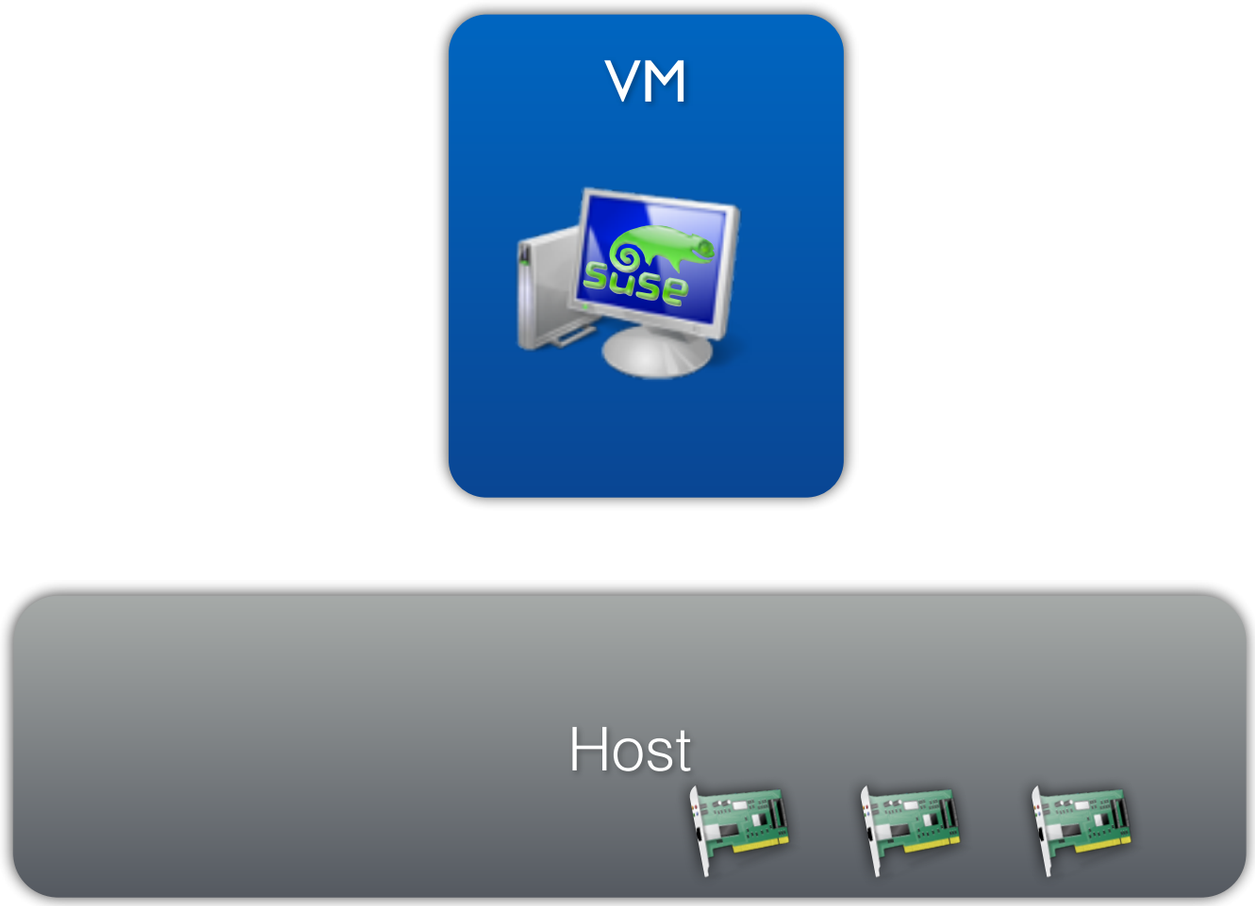
RX ring
vhost
TX ring
RX ring




VM
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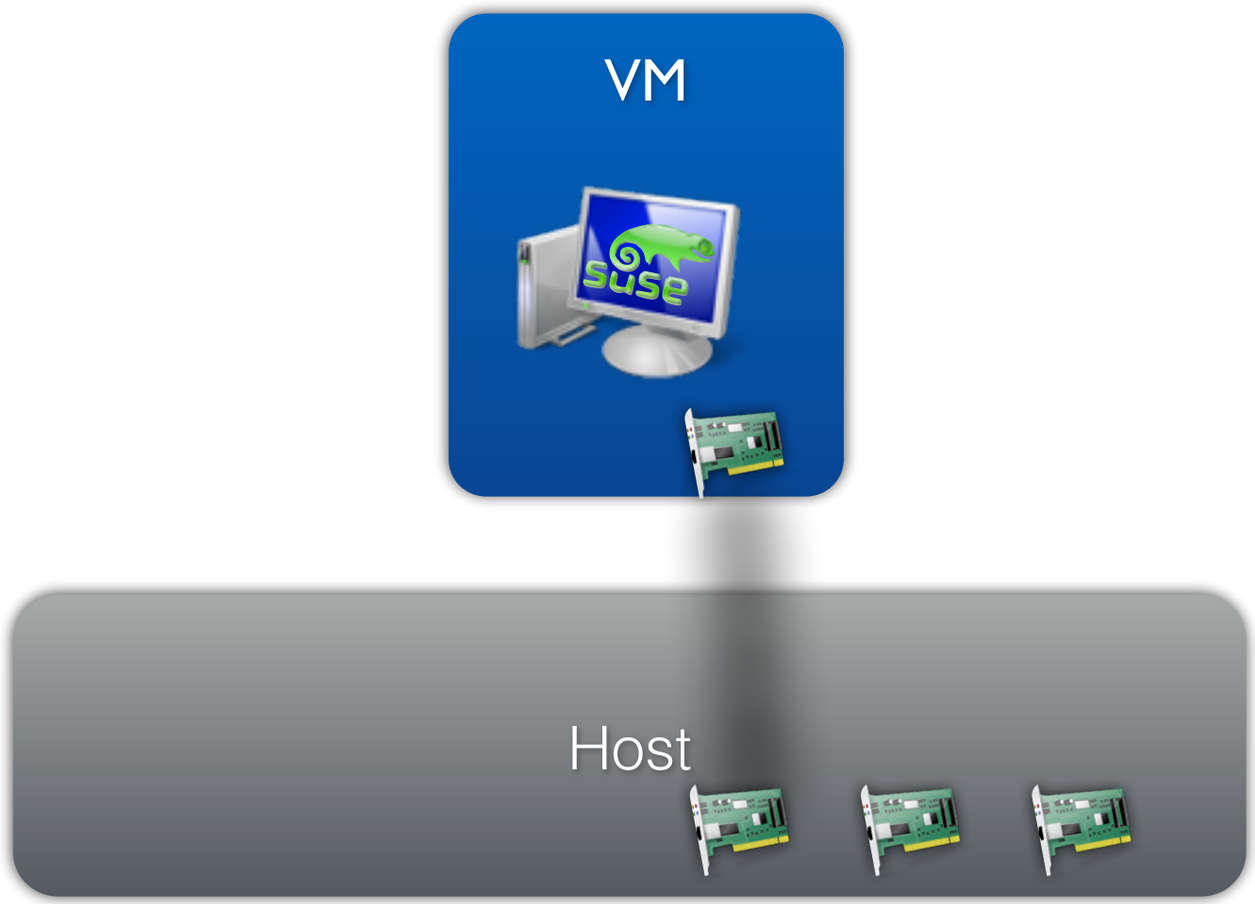
Host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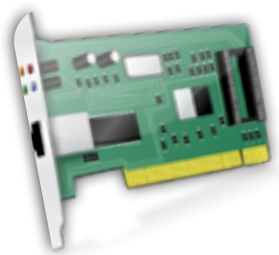
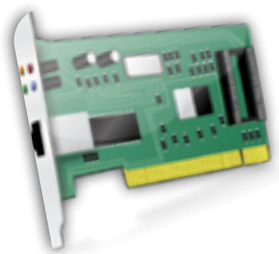
Host



TX ring
RX ring
Admin ring



TX ring
RX ring
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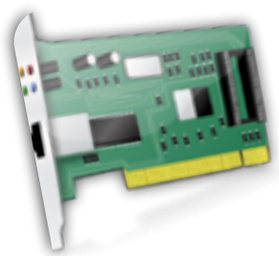
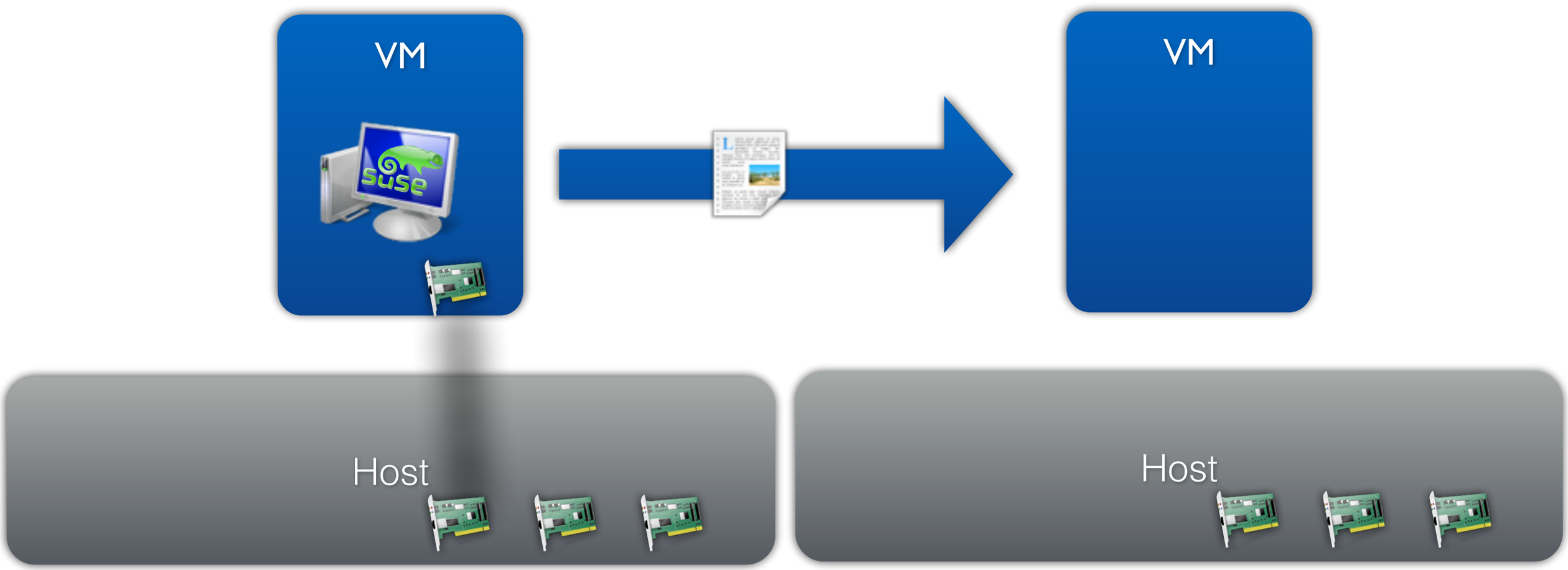


TX ring
RX ring
Admin ring


VM
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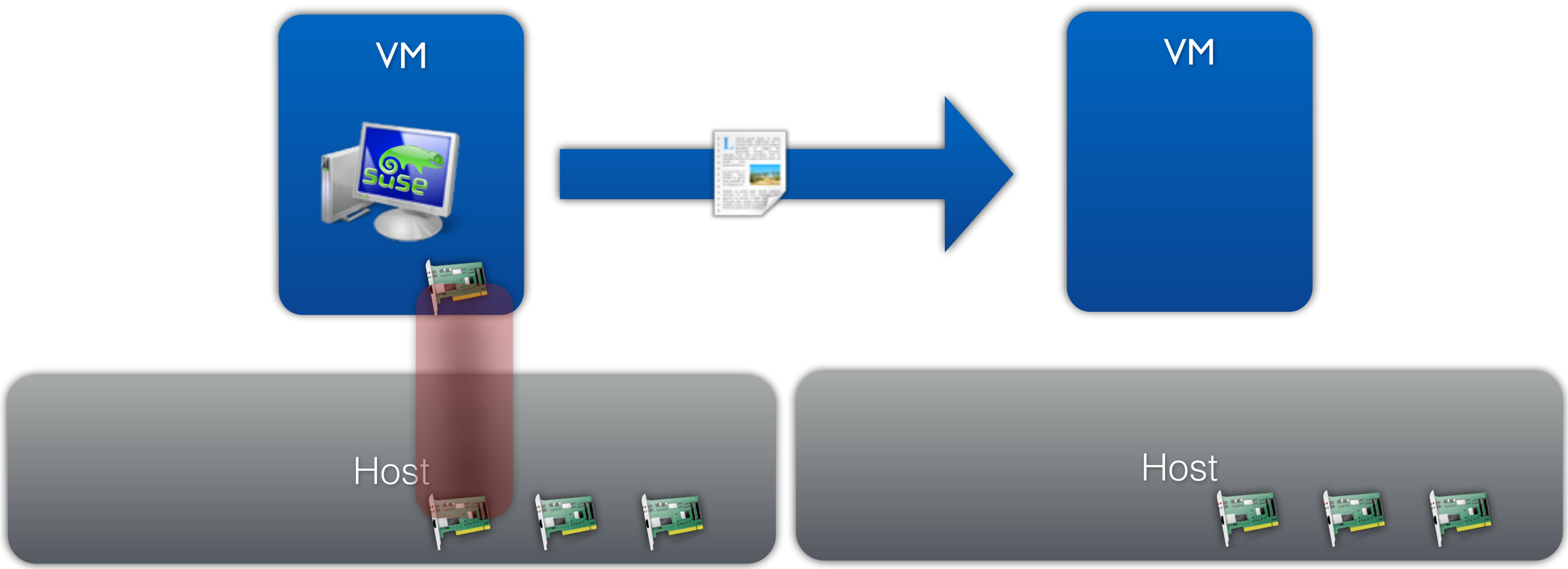
VM
Host
Host


VM
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VM
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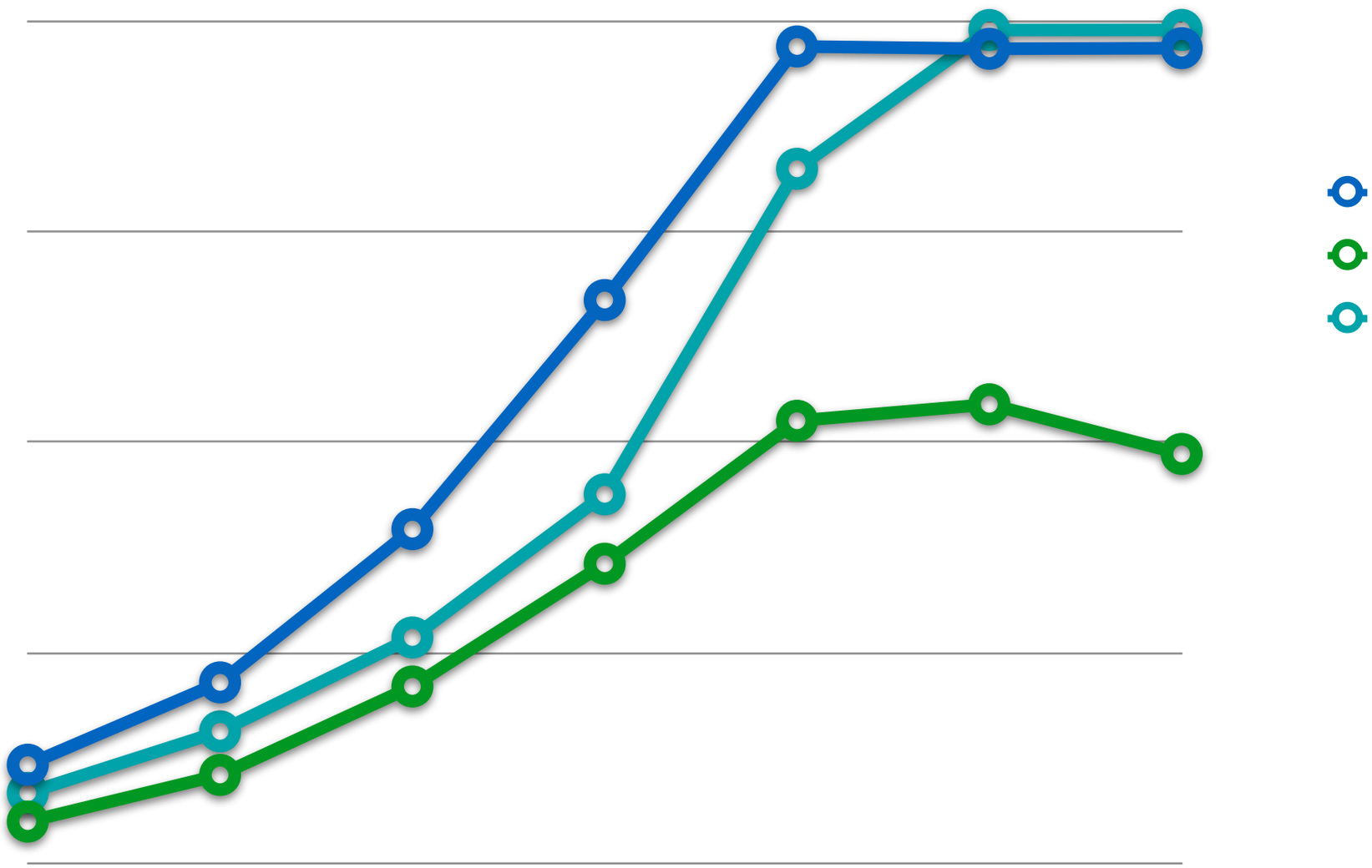

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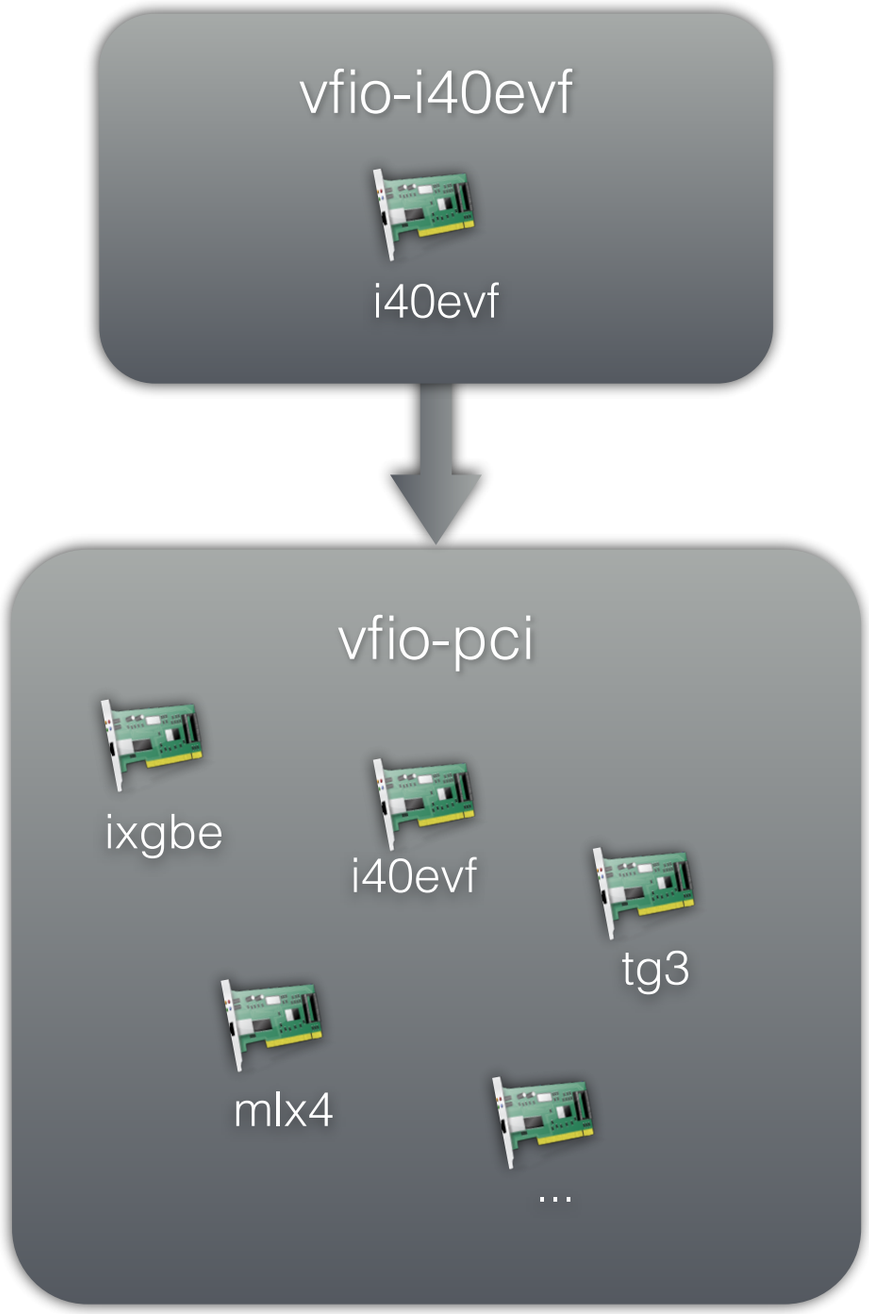
...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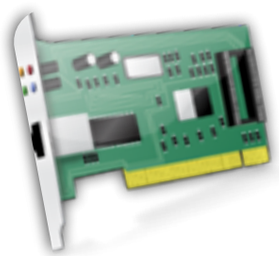
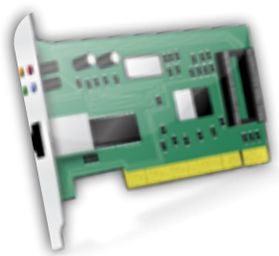
tg3
mlx4
...



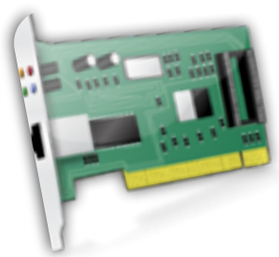
TX ring
RX ring
Admin ring

Admin ring

Admin ring



TX ring
RX ring
Admin ring



Admin ring

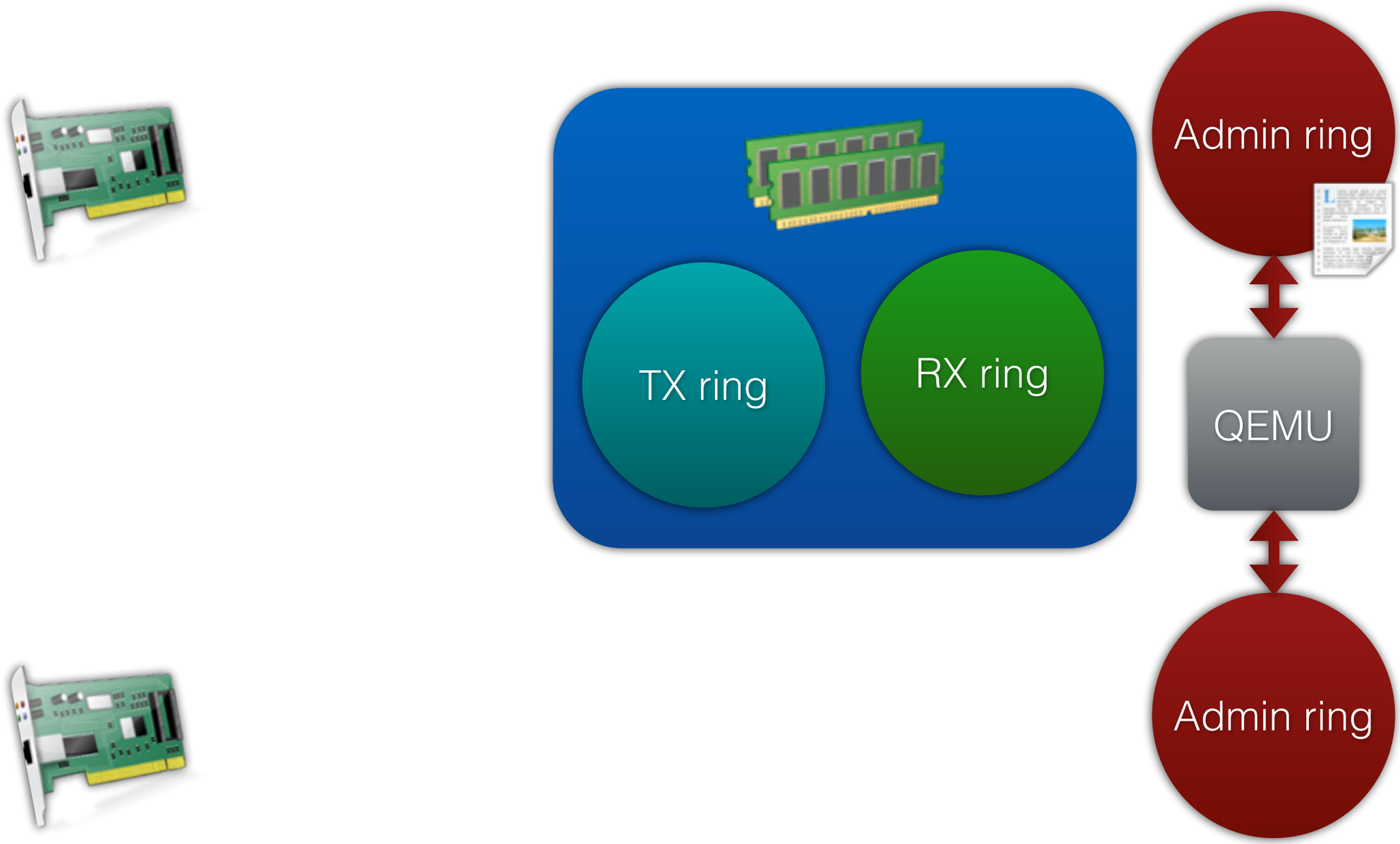
TX ring

RX ring

Admin ring

Admin ring
TX ring
RX ring
QEMU
Admin ring

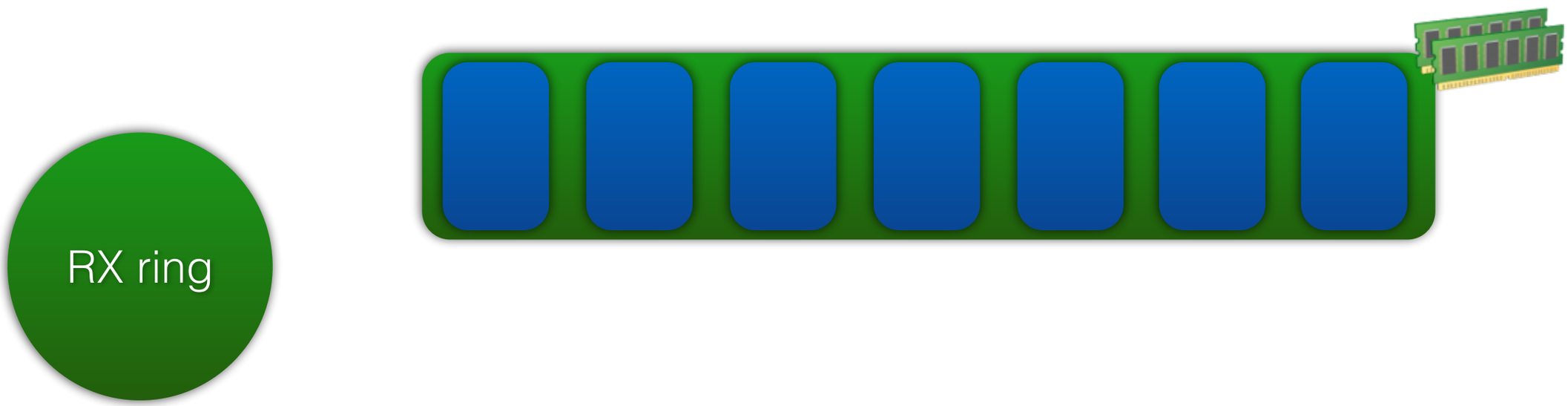
Admin ring
TX ring
RX ring
QEMU
Admin ring

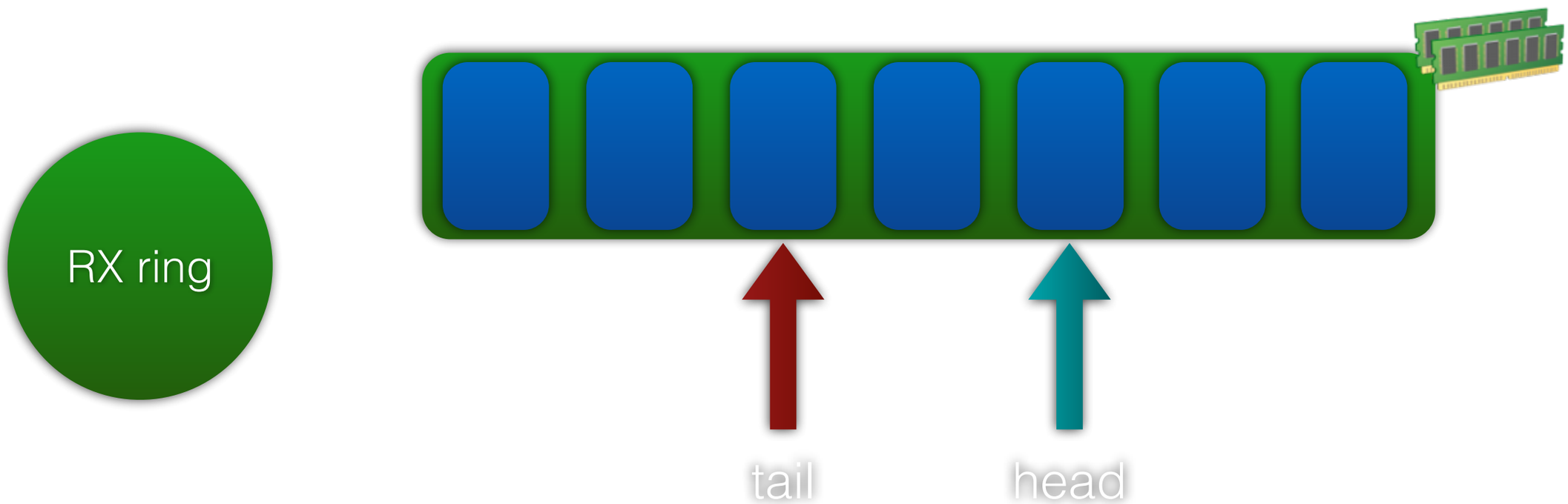

Admin ring
TX ring
RX ring
QEMU
Admin ring

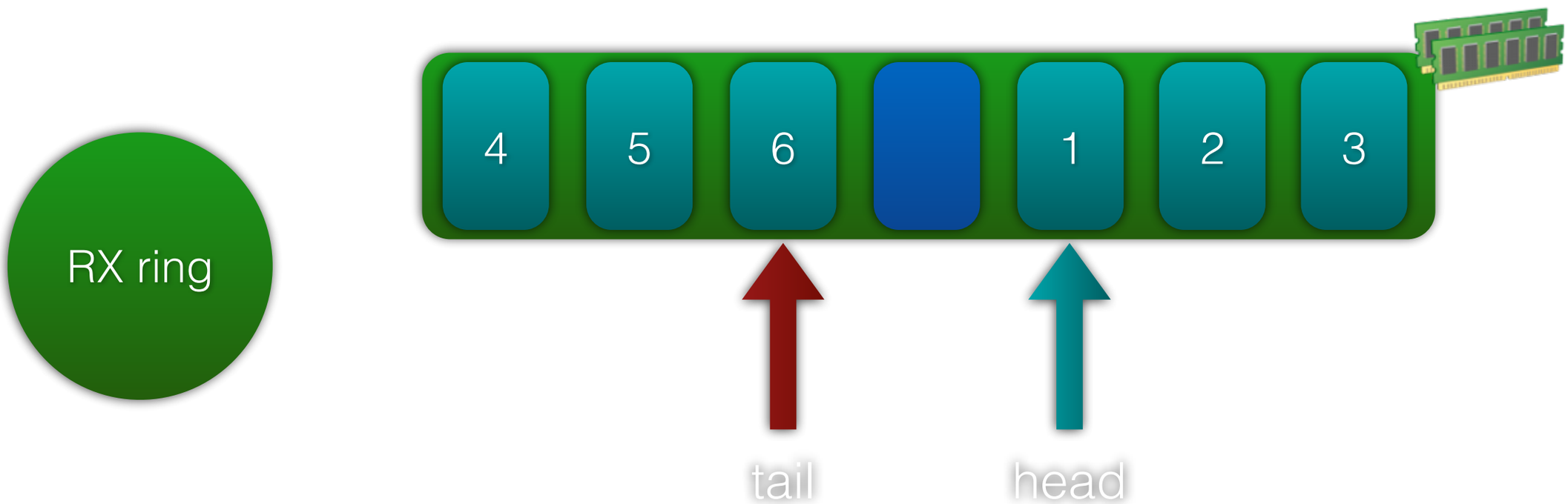
Admin ring
TX ring
RX ring
QEMU
Admin ring

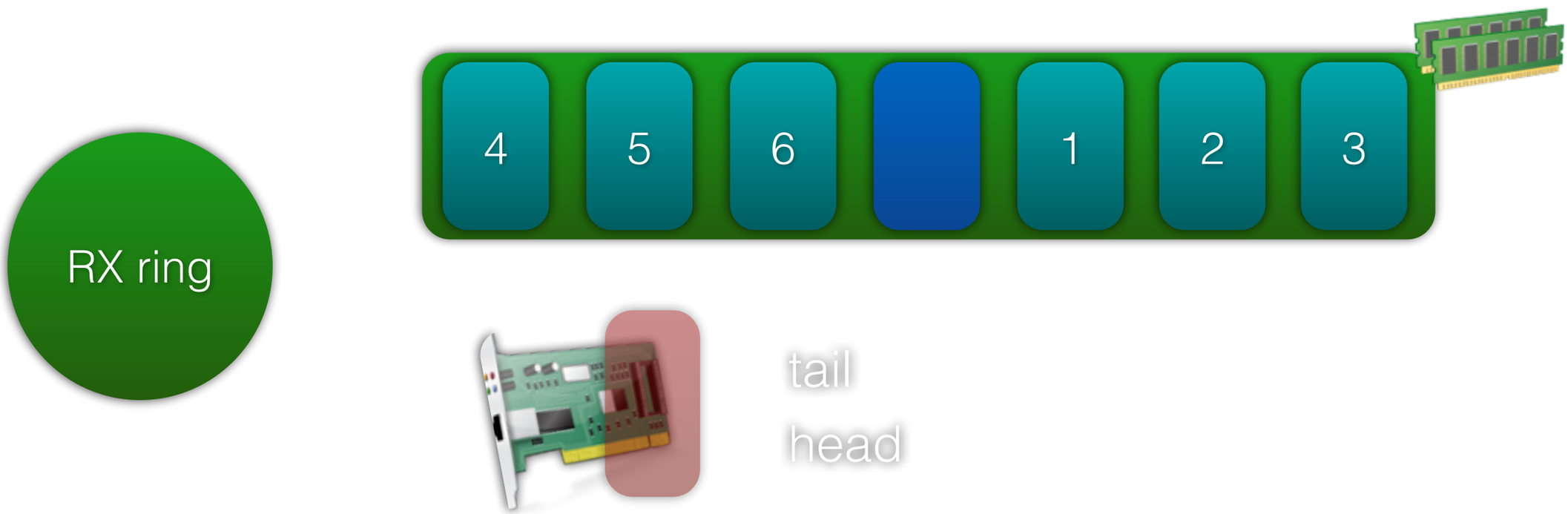
RX ring

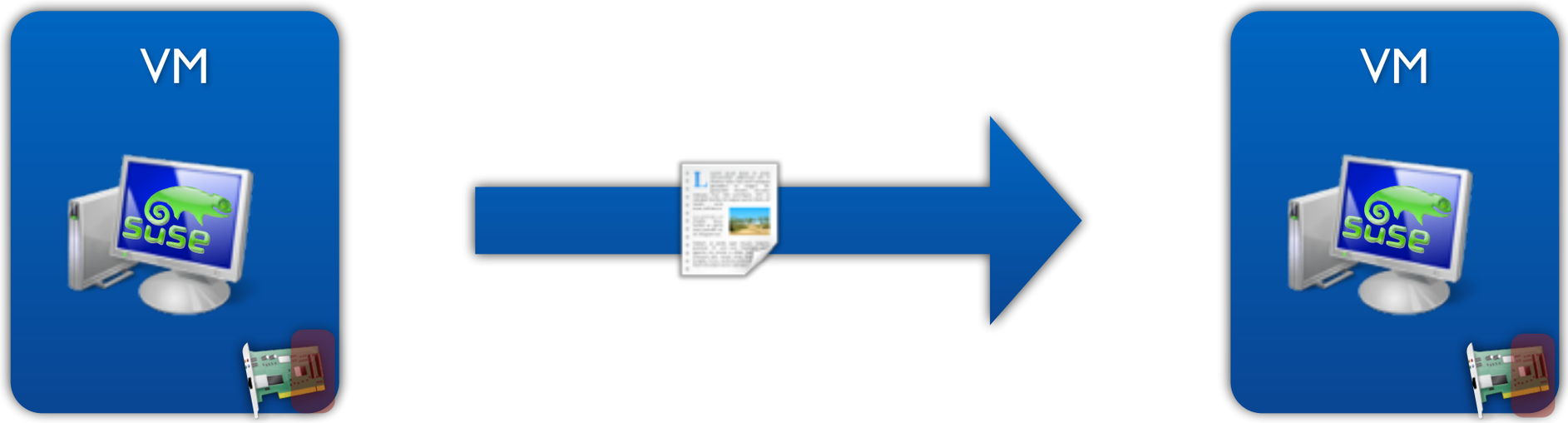
RX ring


RX ring

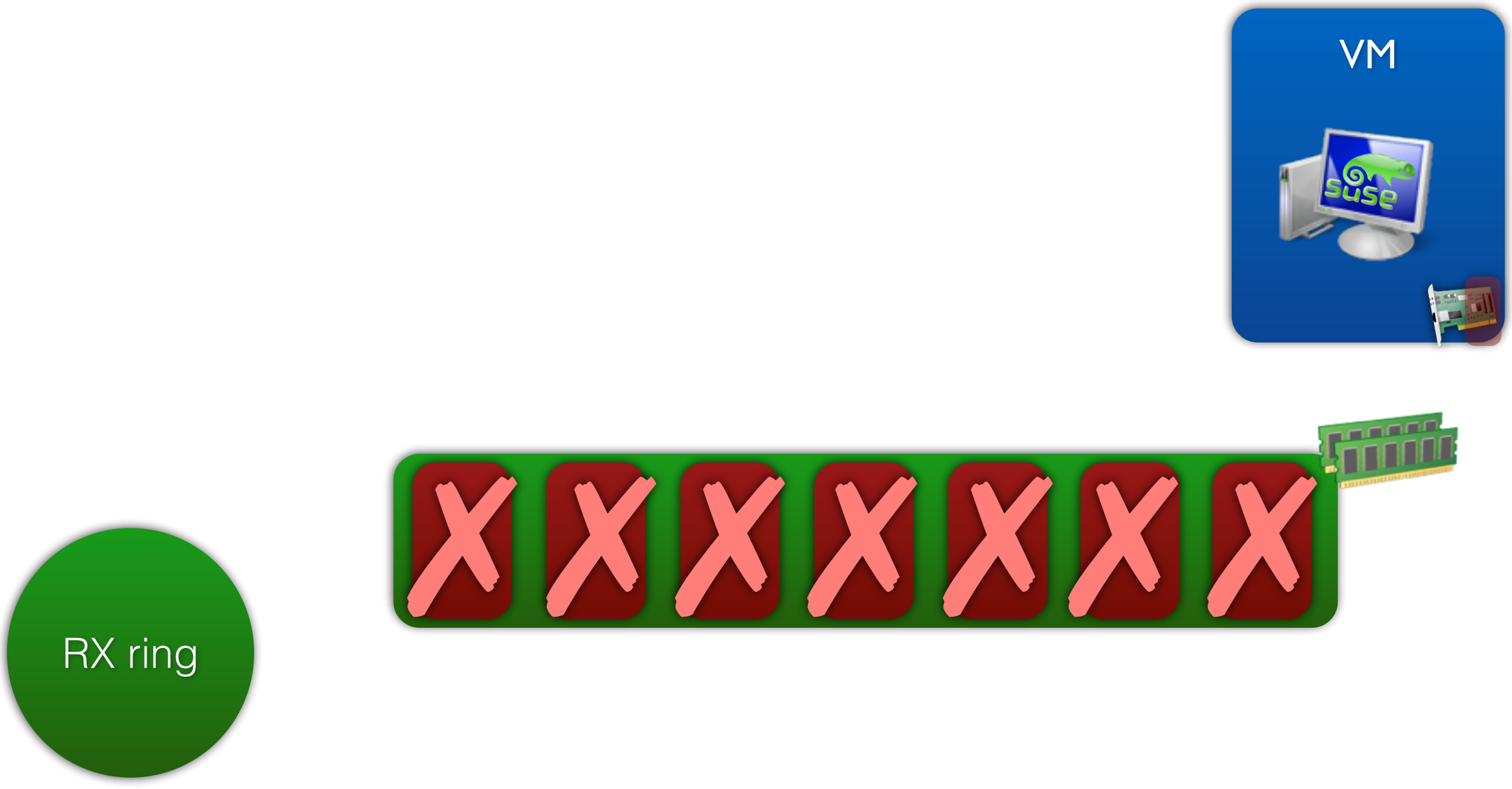

RX ring
tail
head

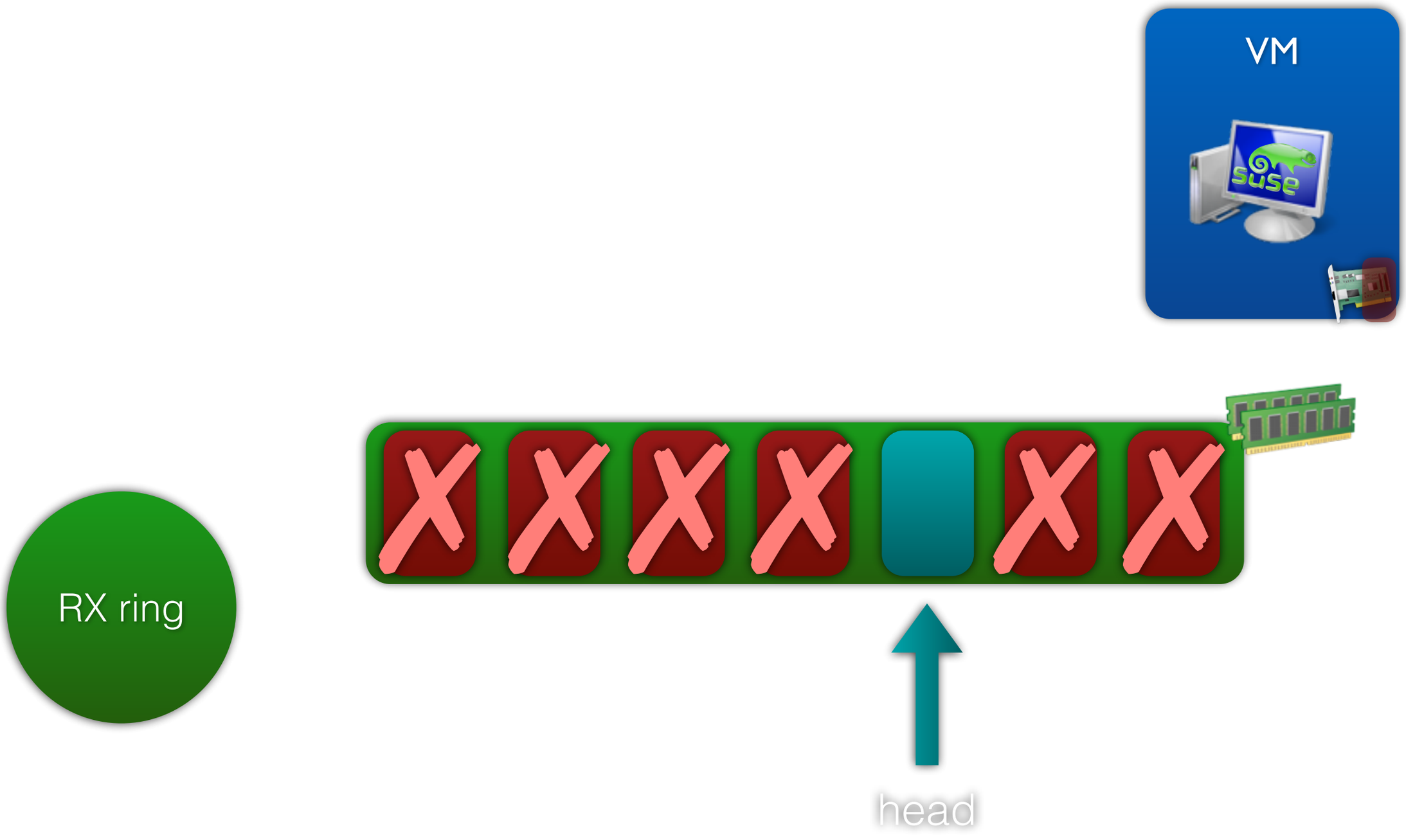

RX ring
4
5
6
1
2
3
tail
head

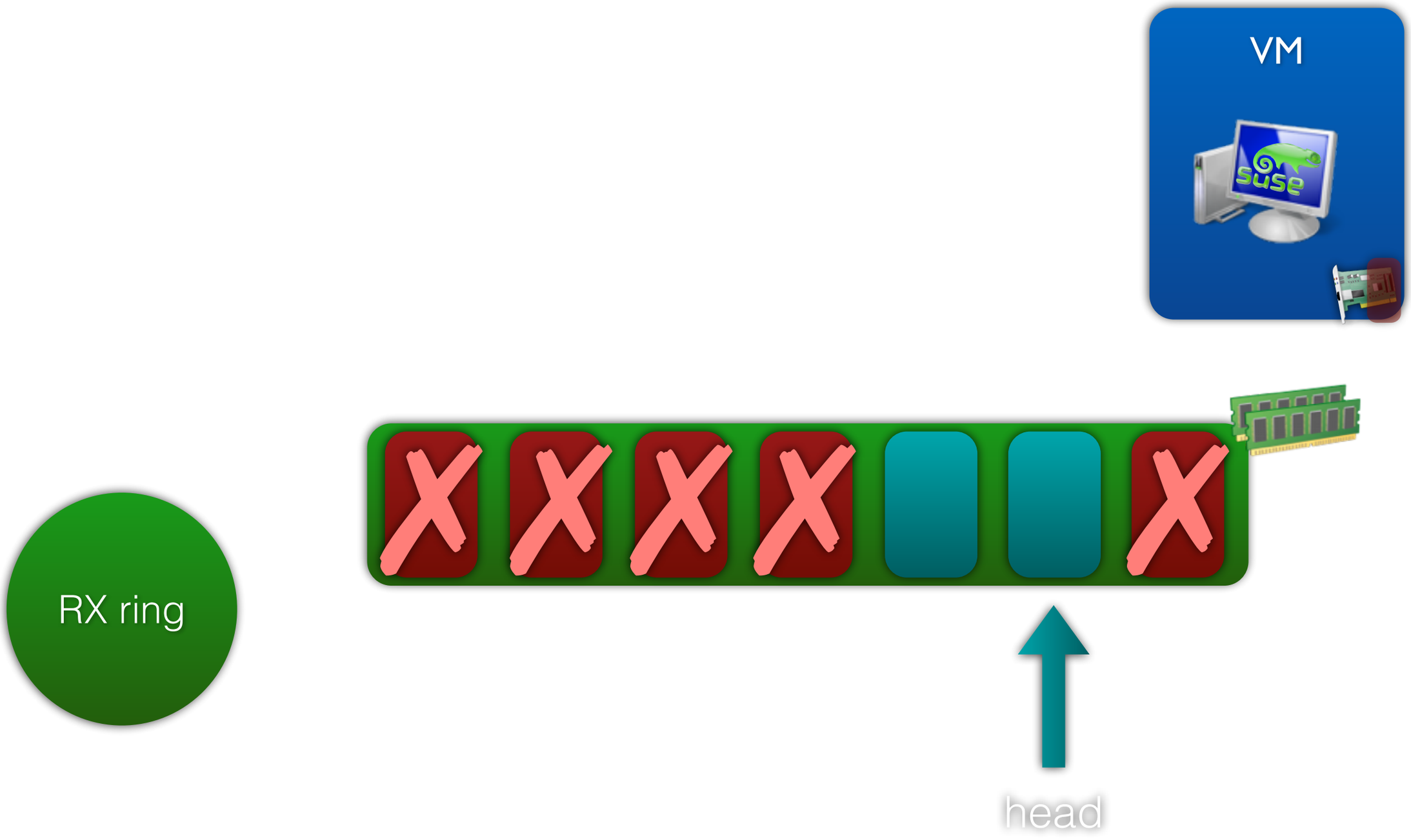

RX ring
4
5
6
1
2
3
tail
head


VM
VM

RX ring


VM
suse
RX ring


VM
suse
RX ring
head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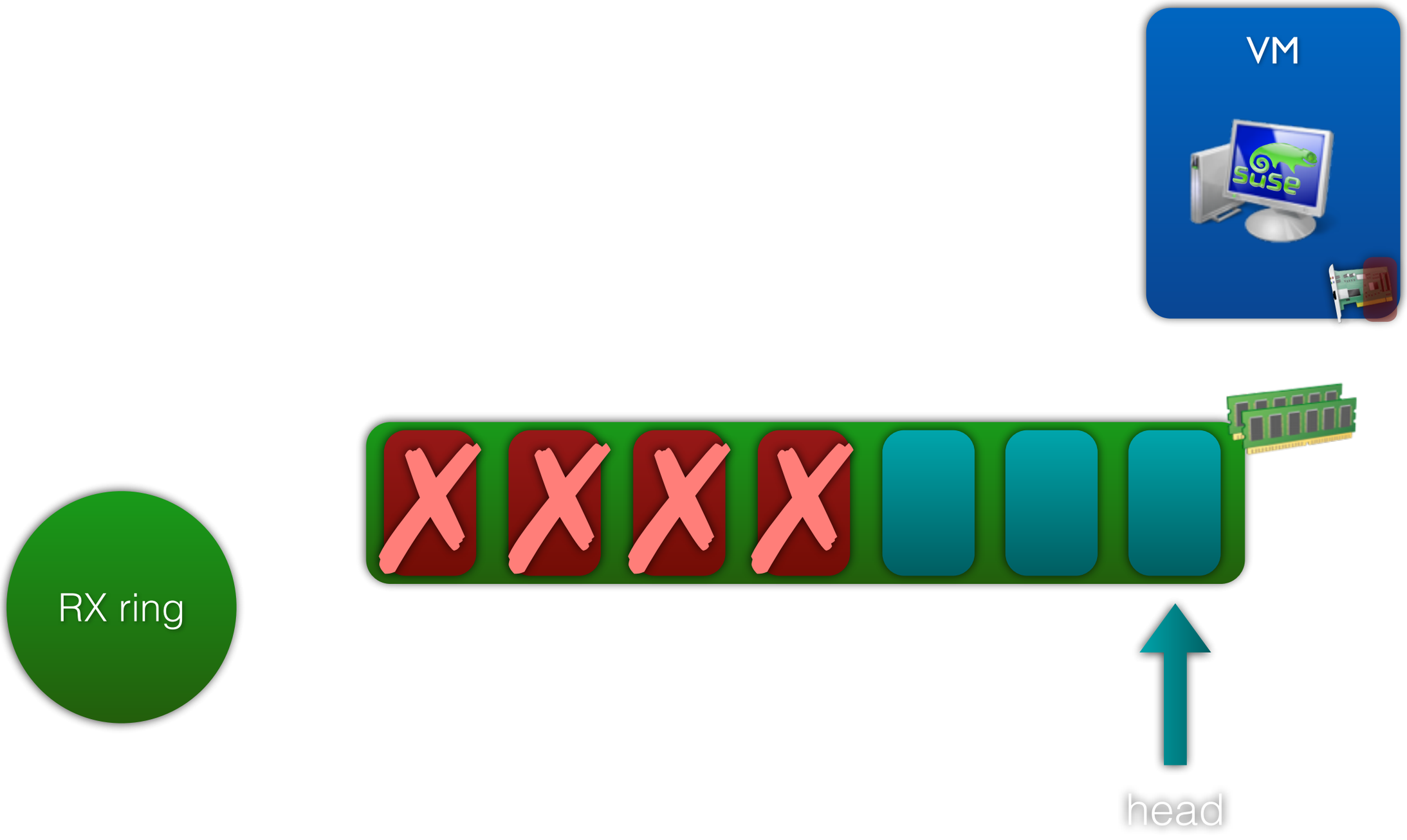
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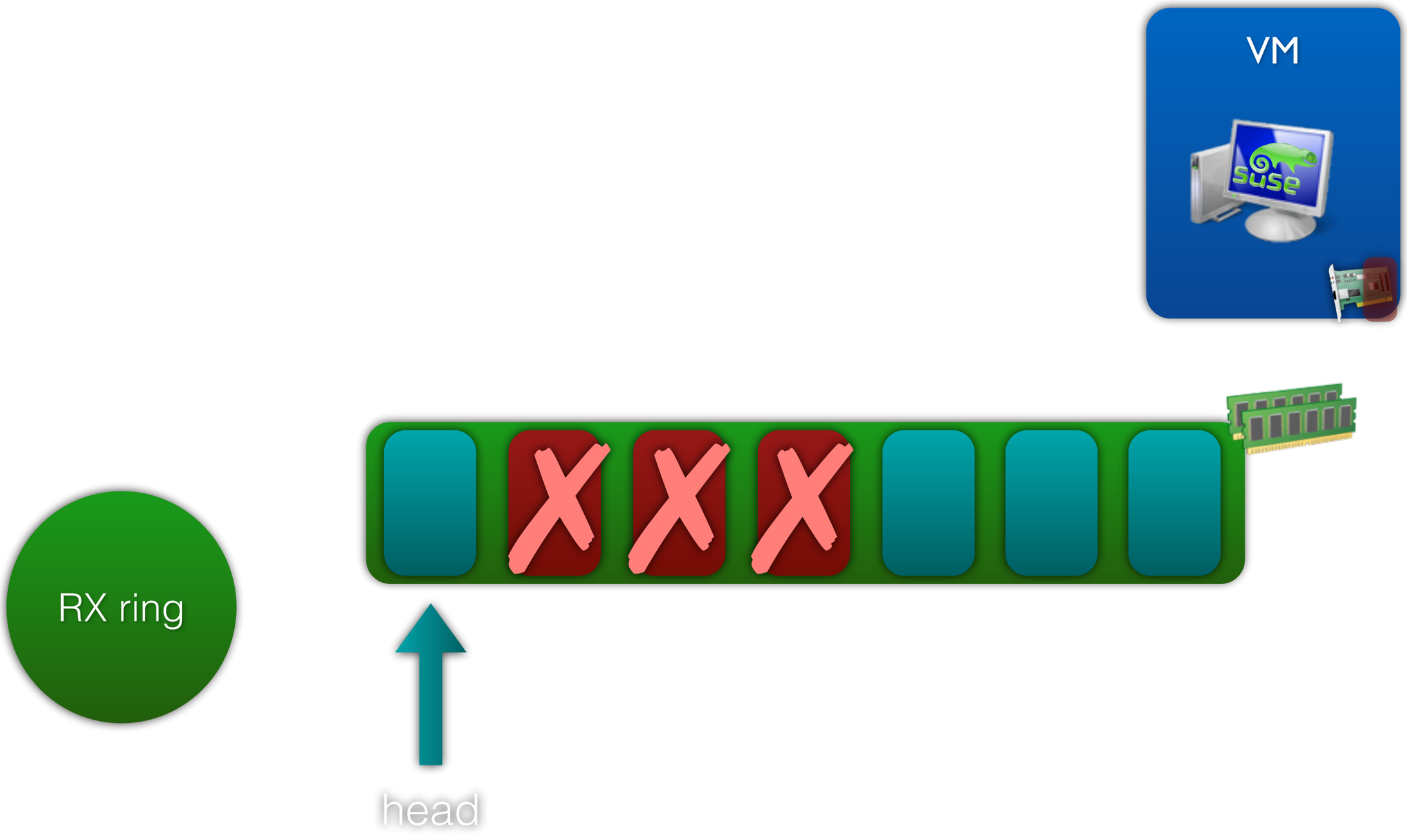
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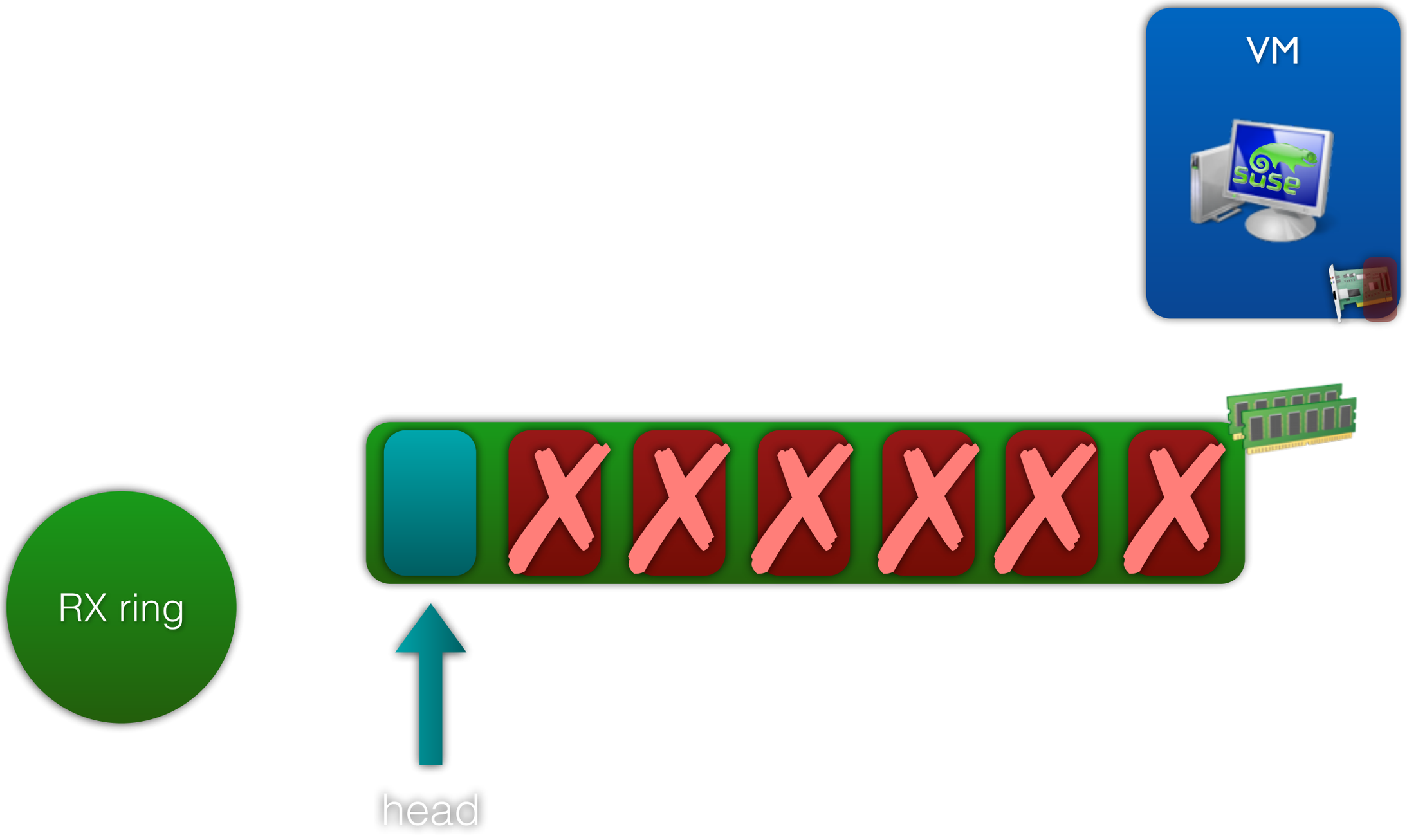
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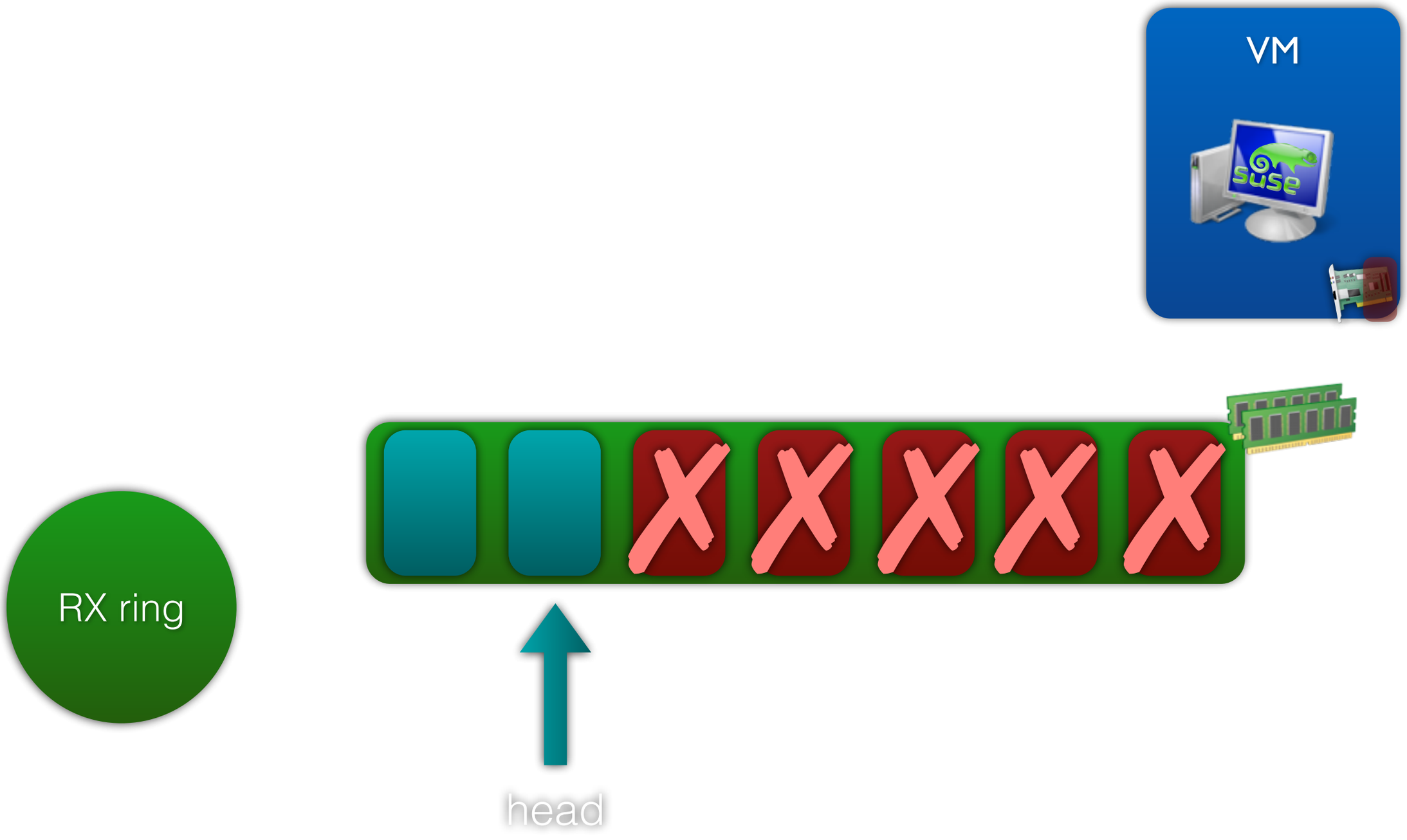
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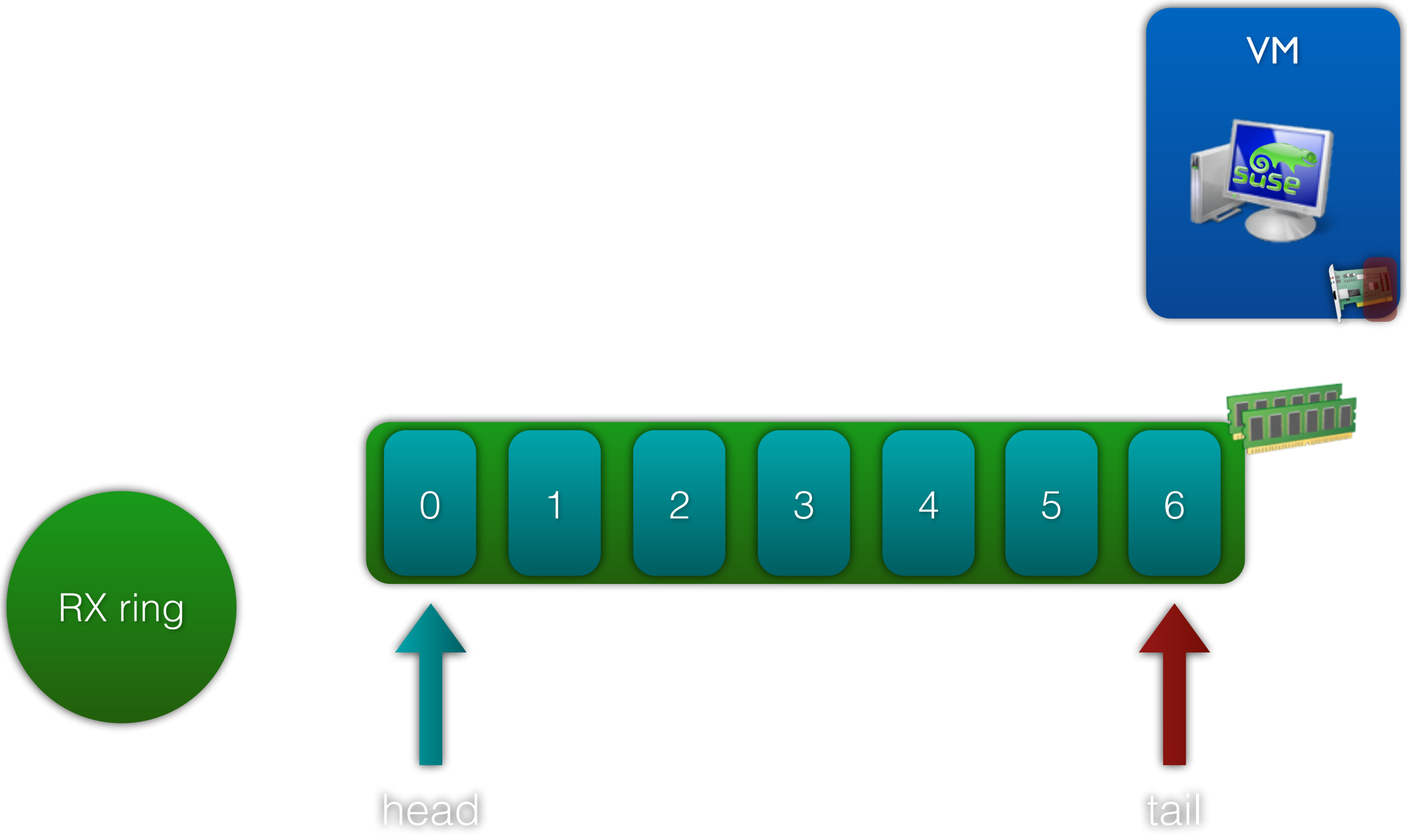
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tail

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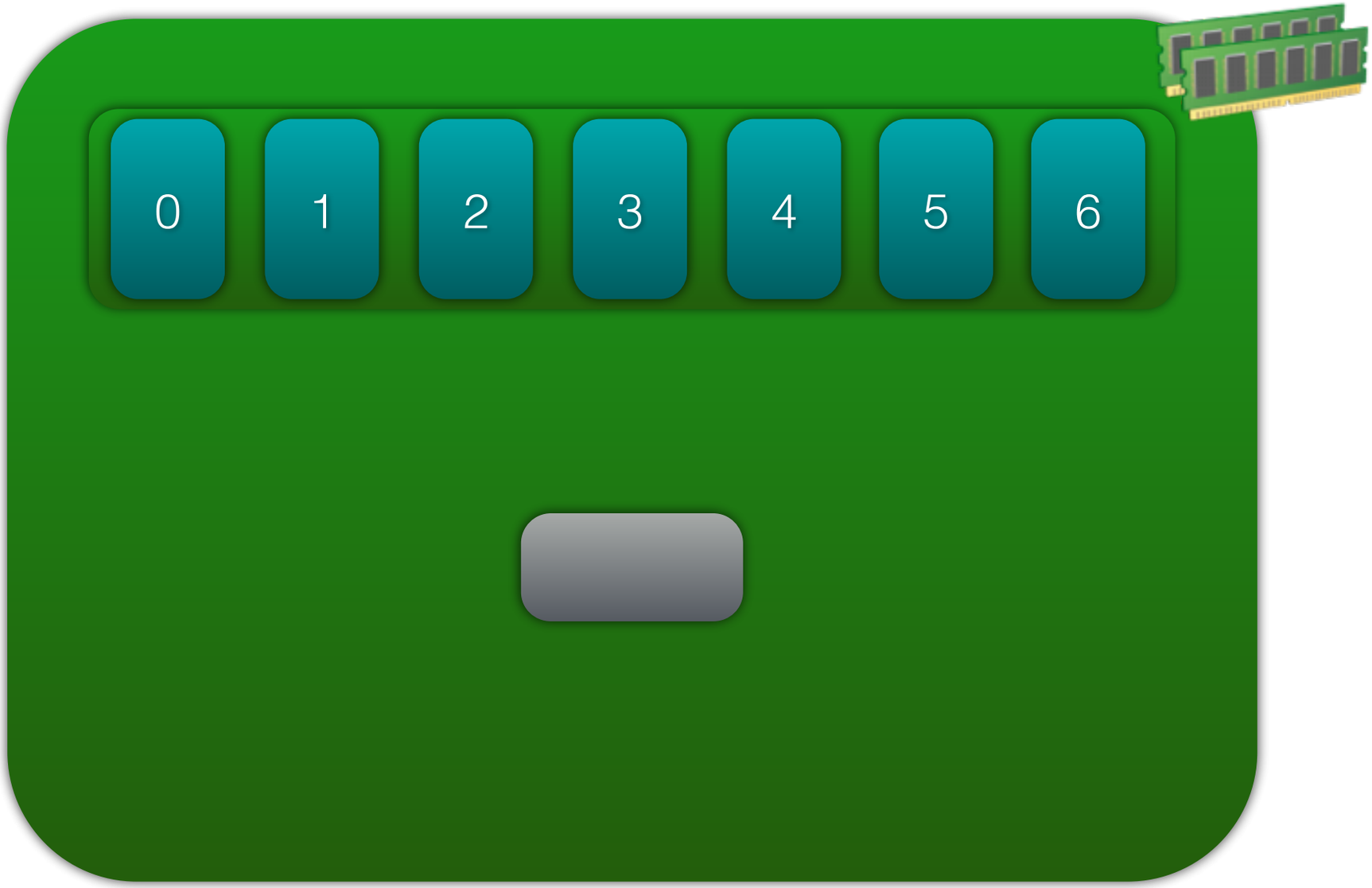
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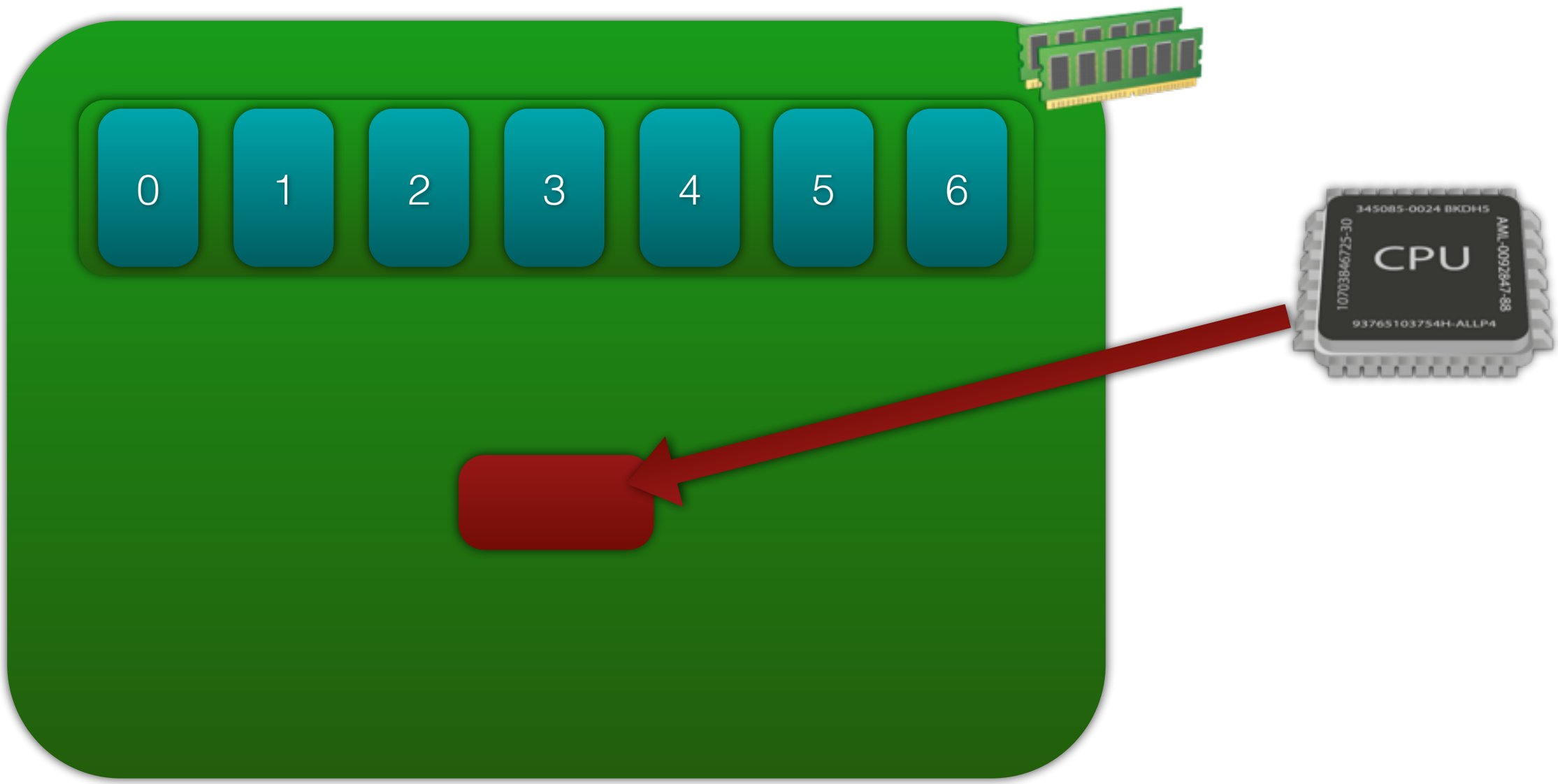
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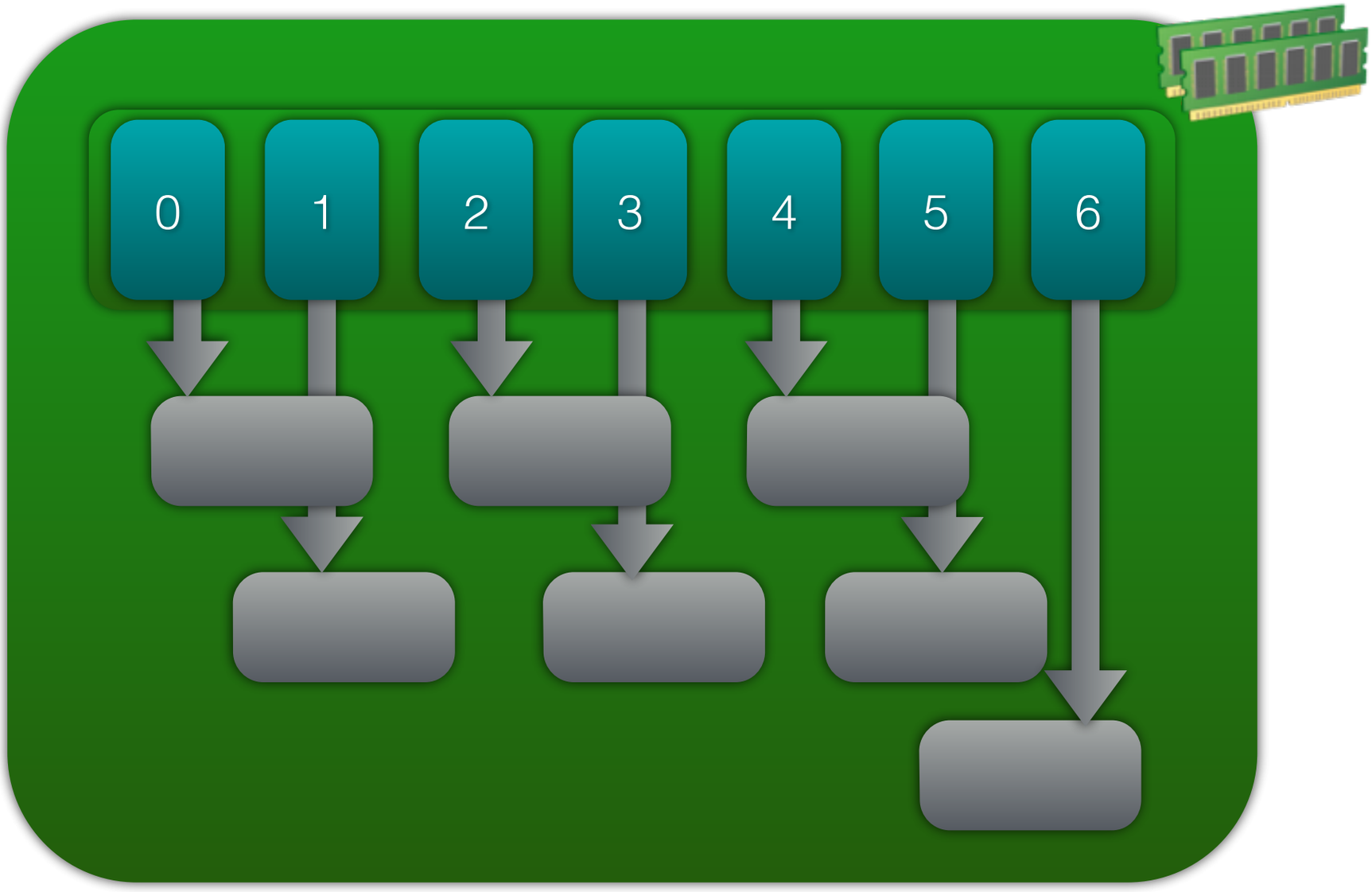
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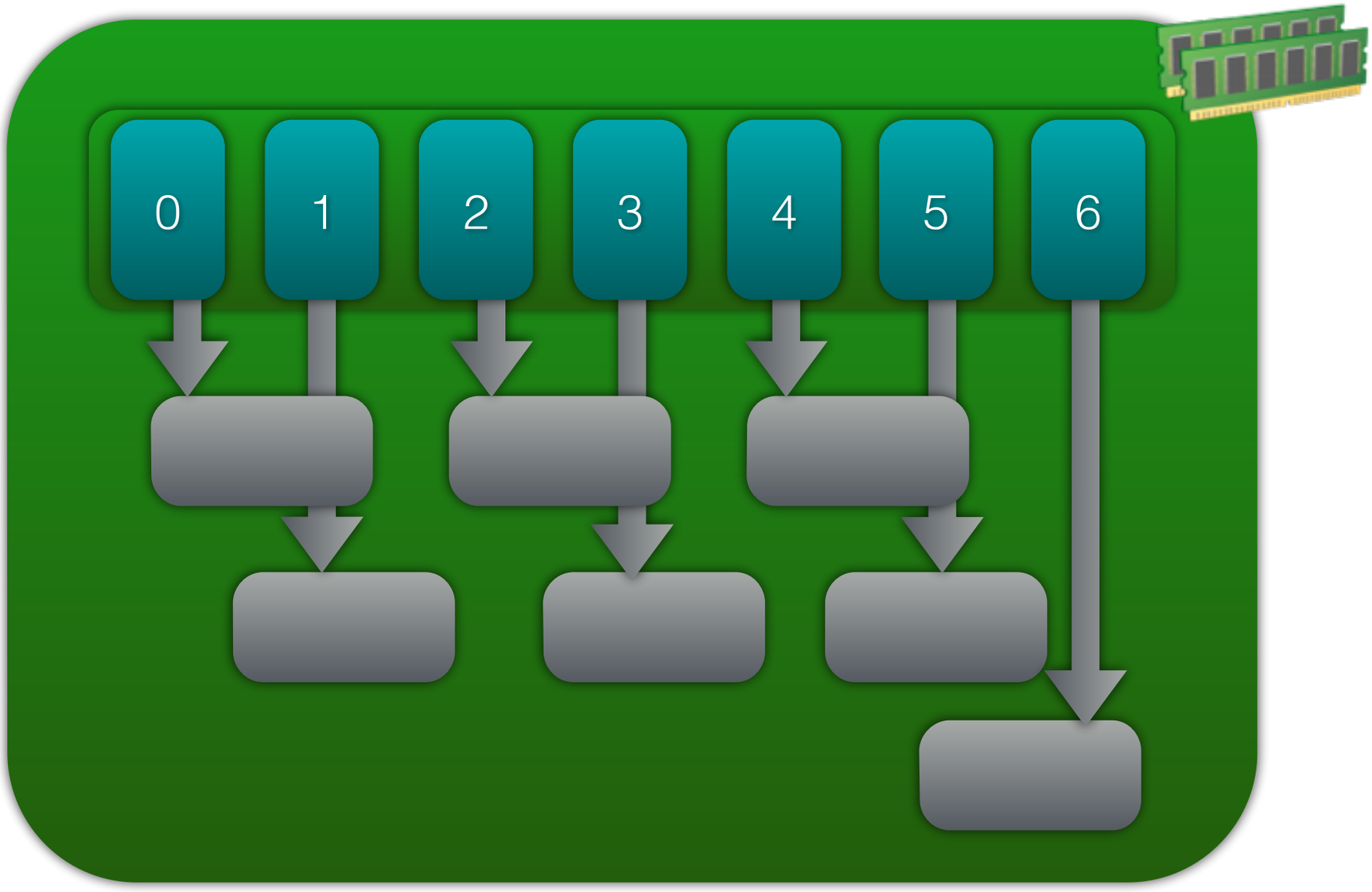
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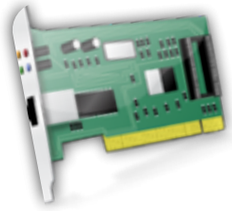

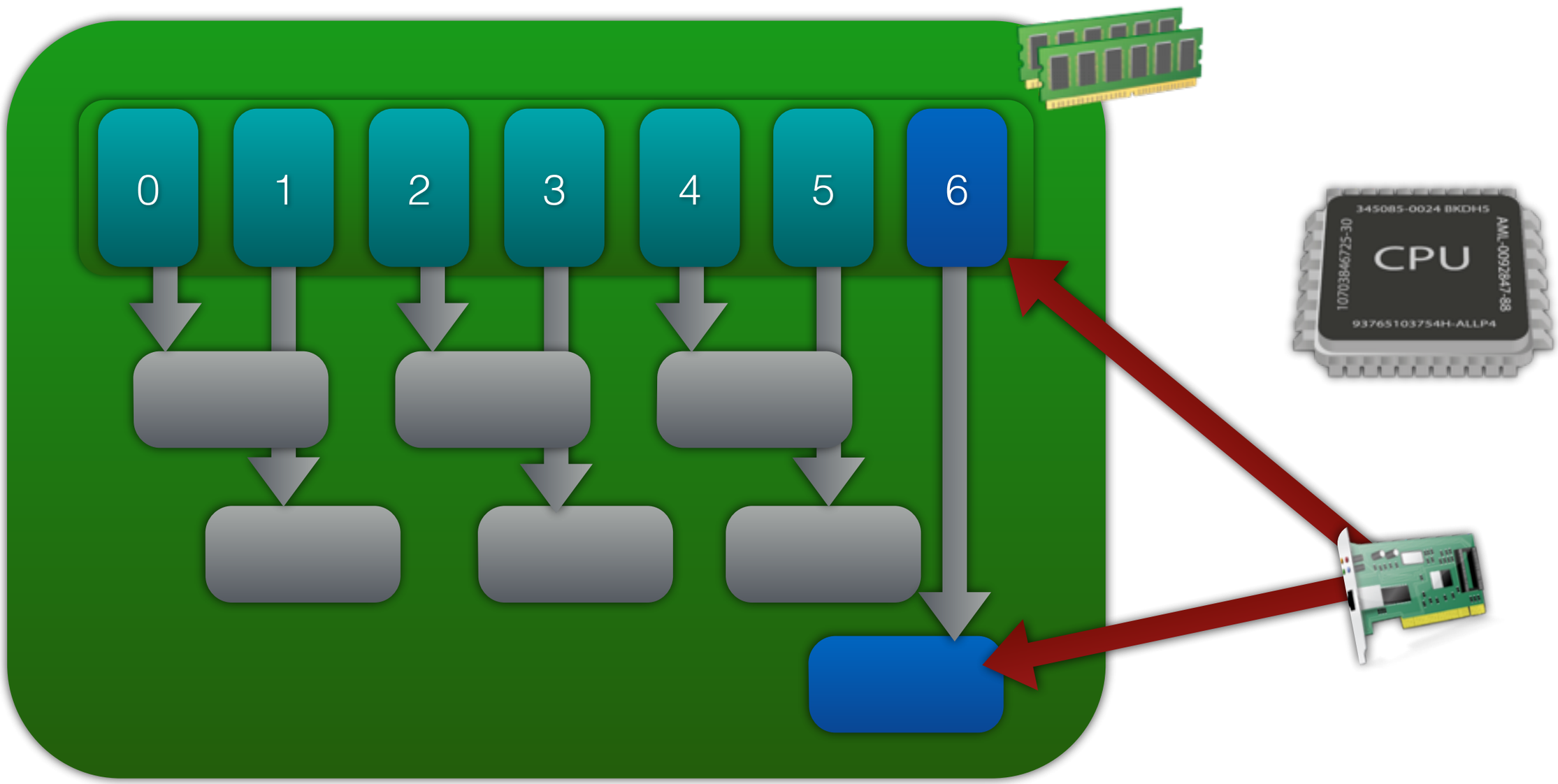
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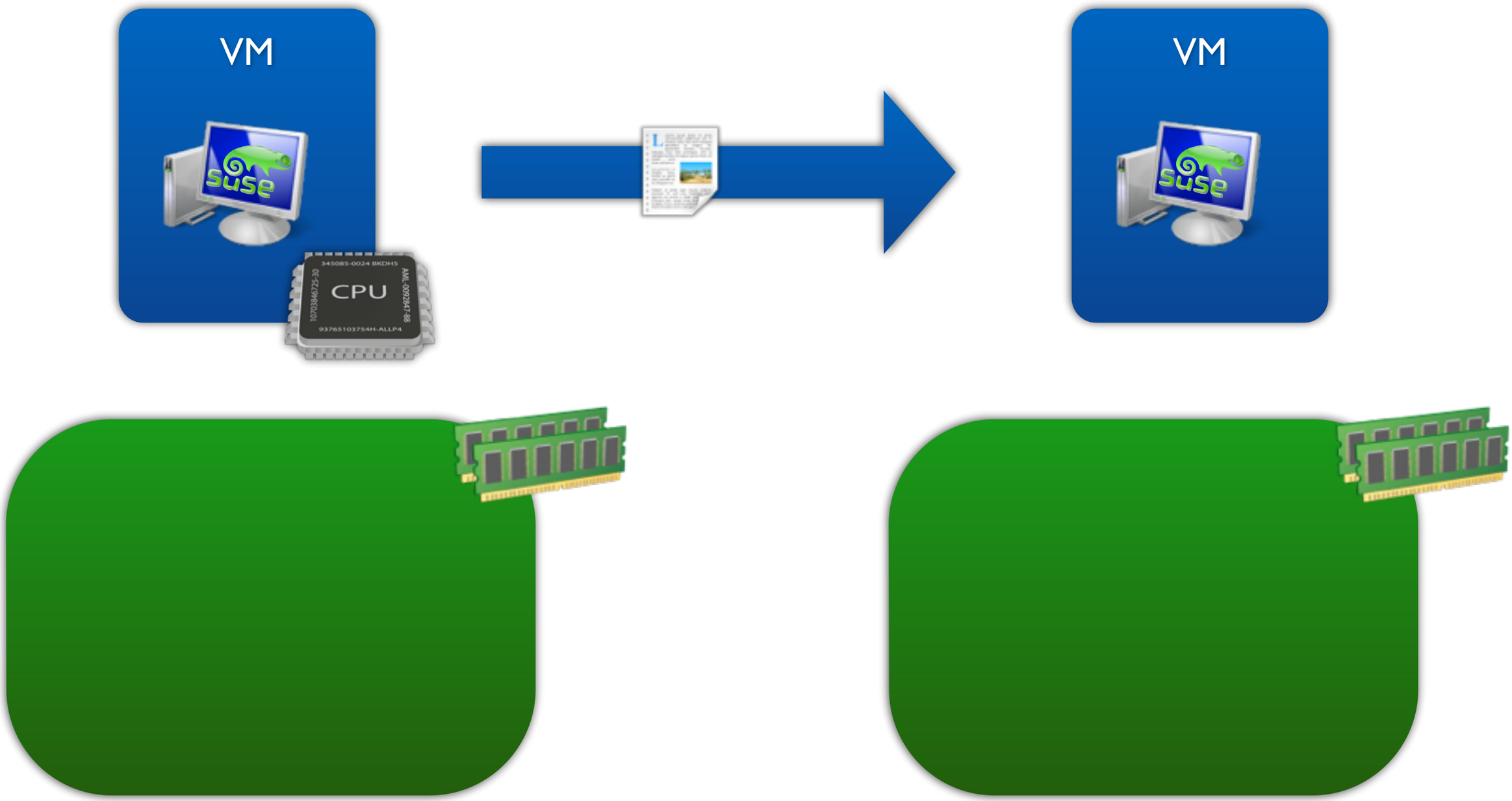
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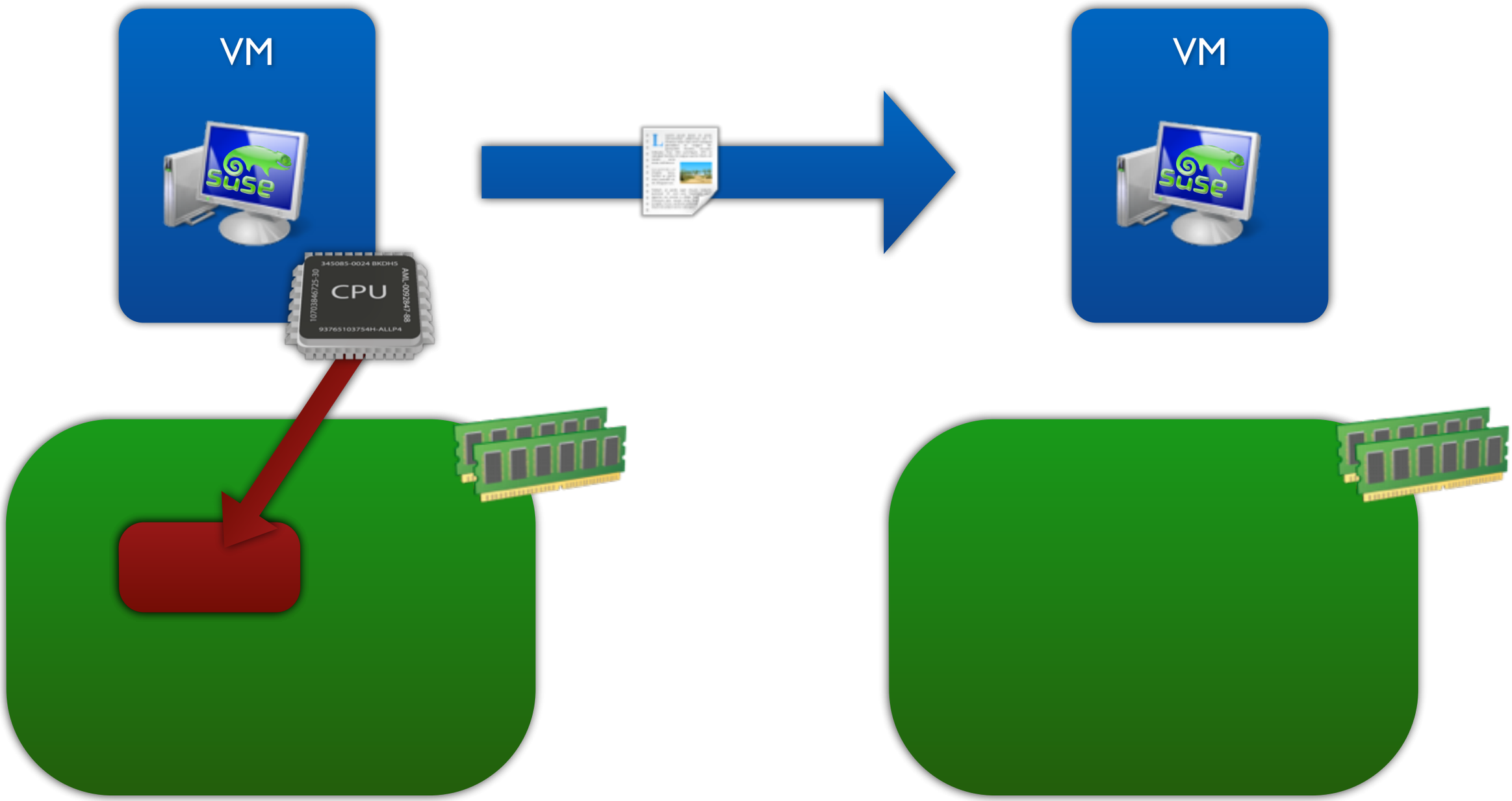
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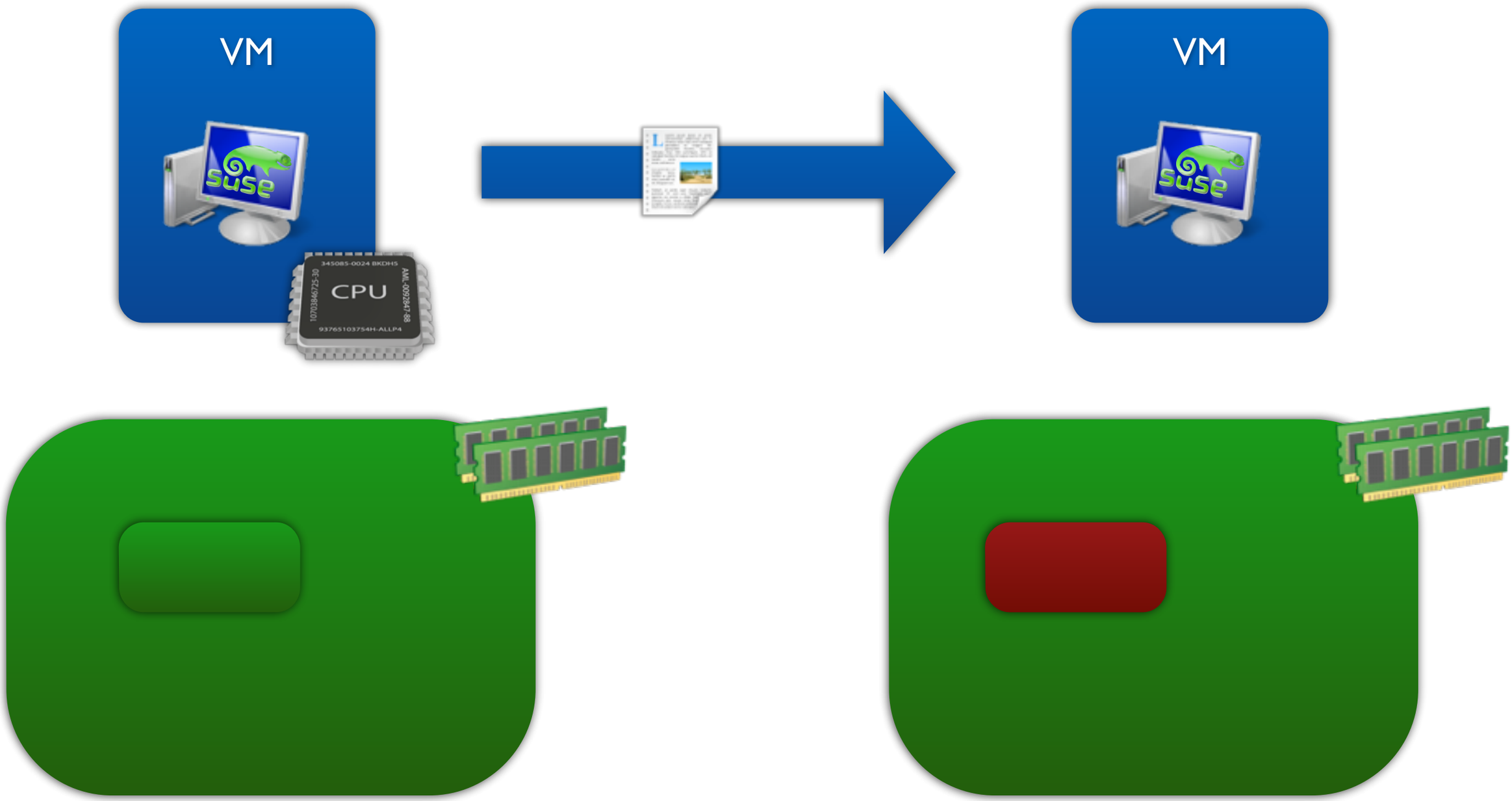
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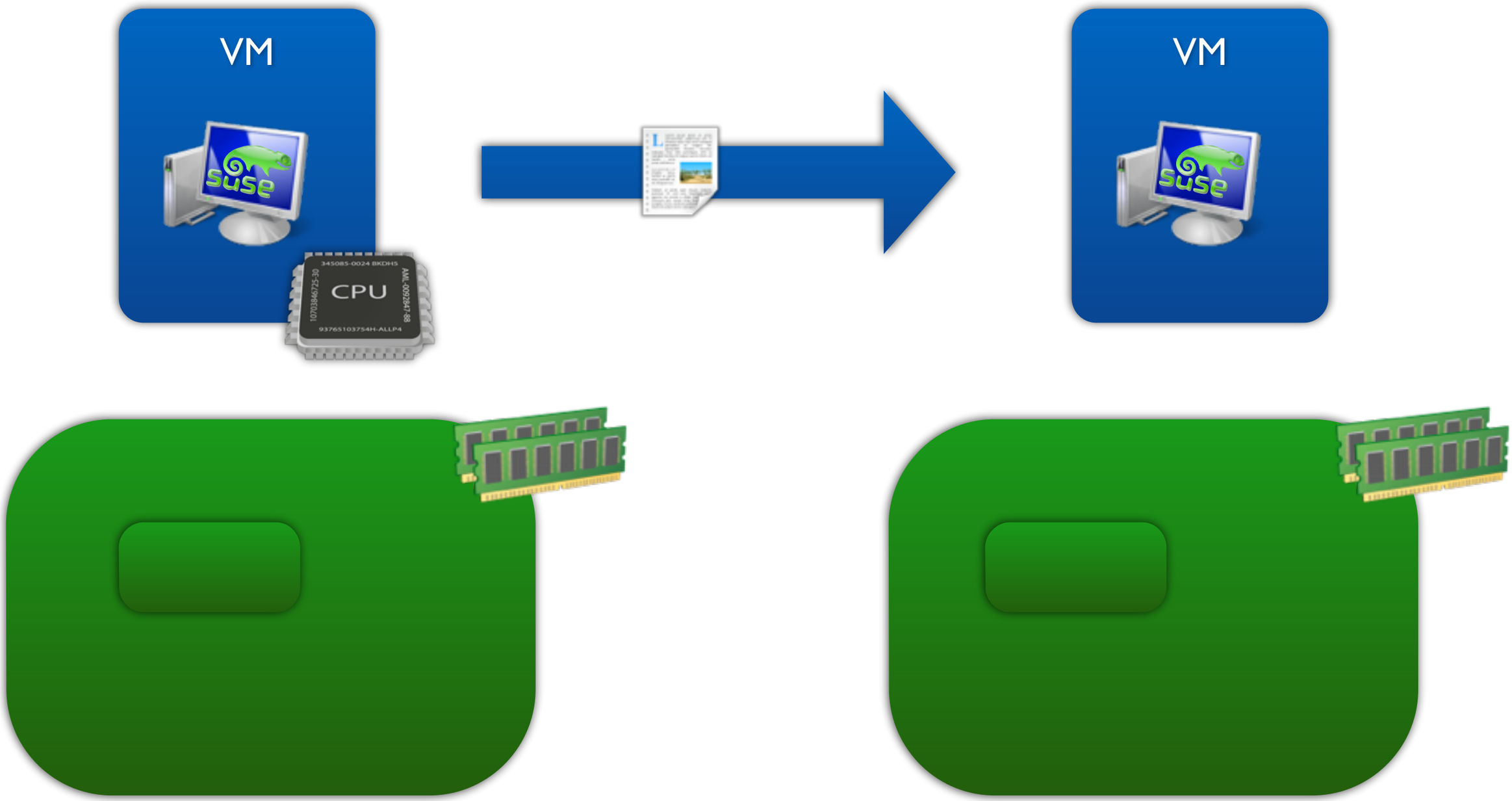
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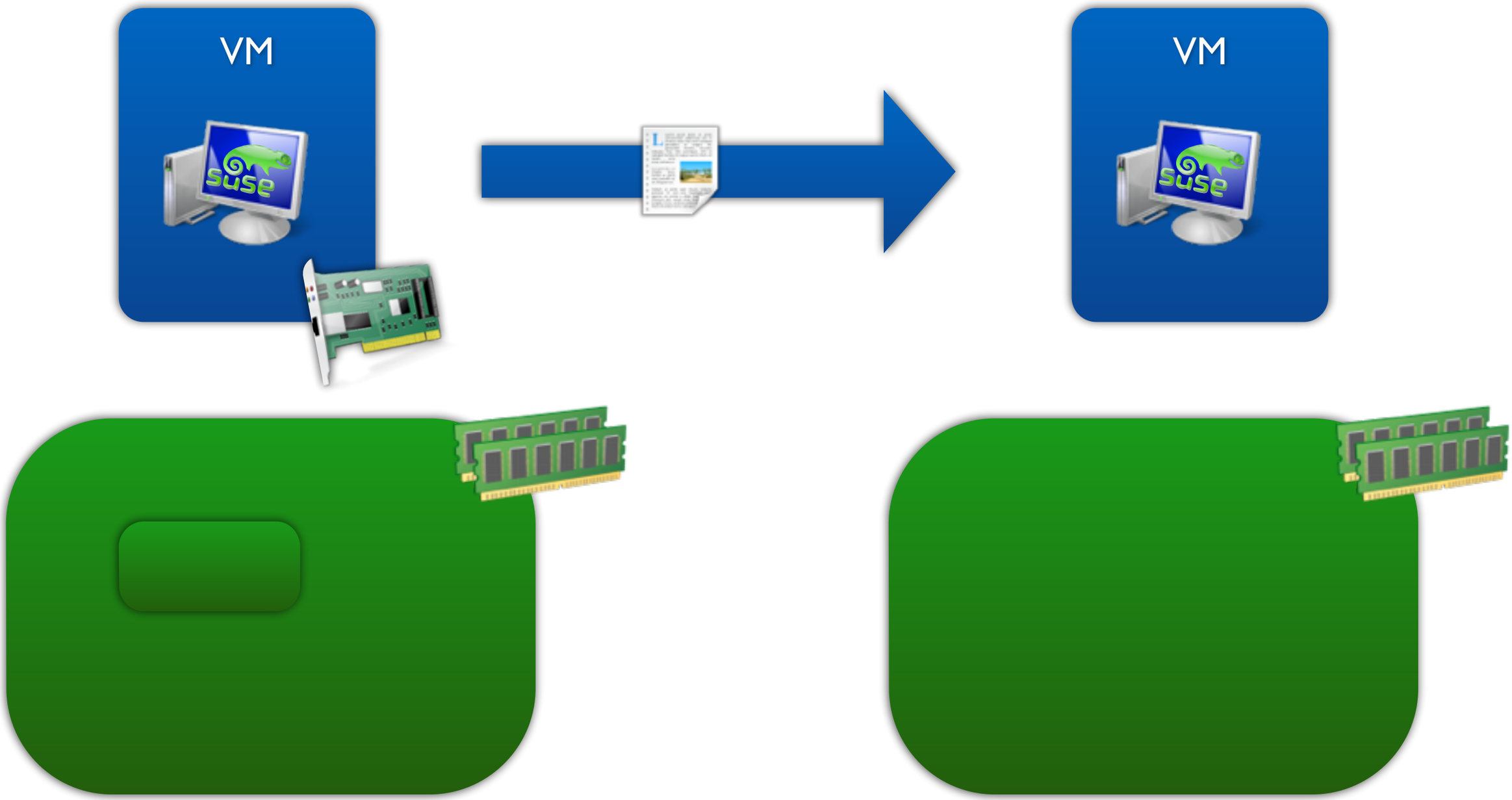
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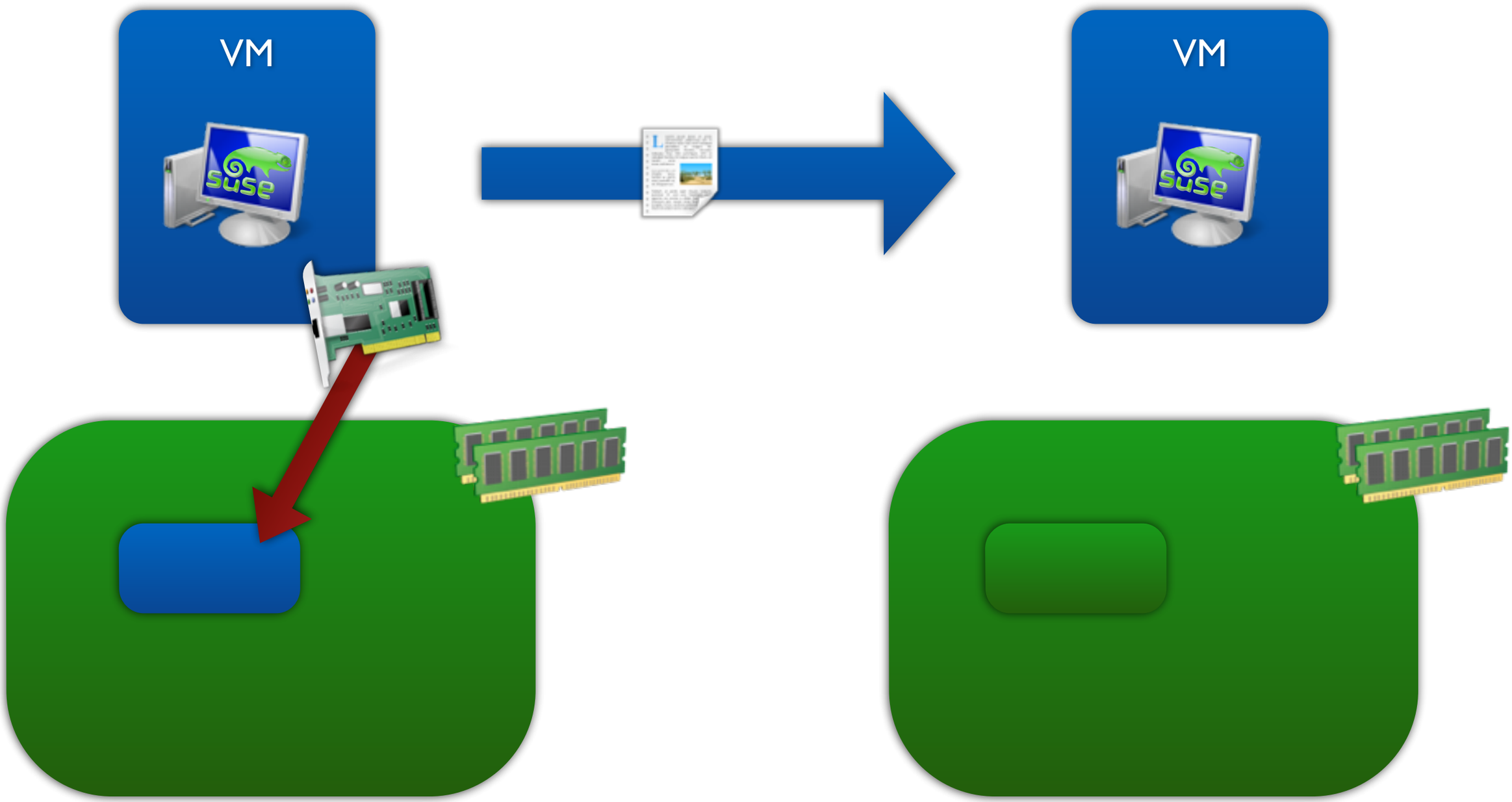
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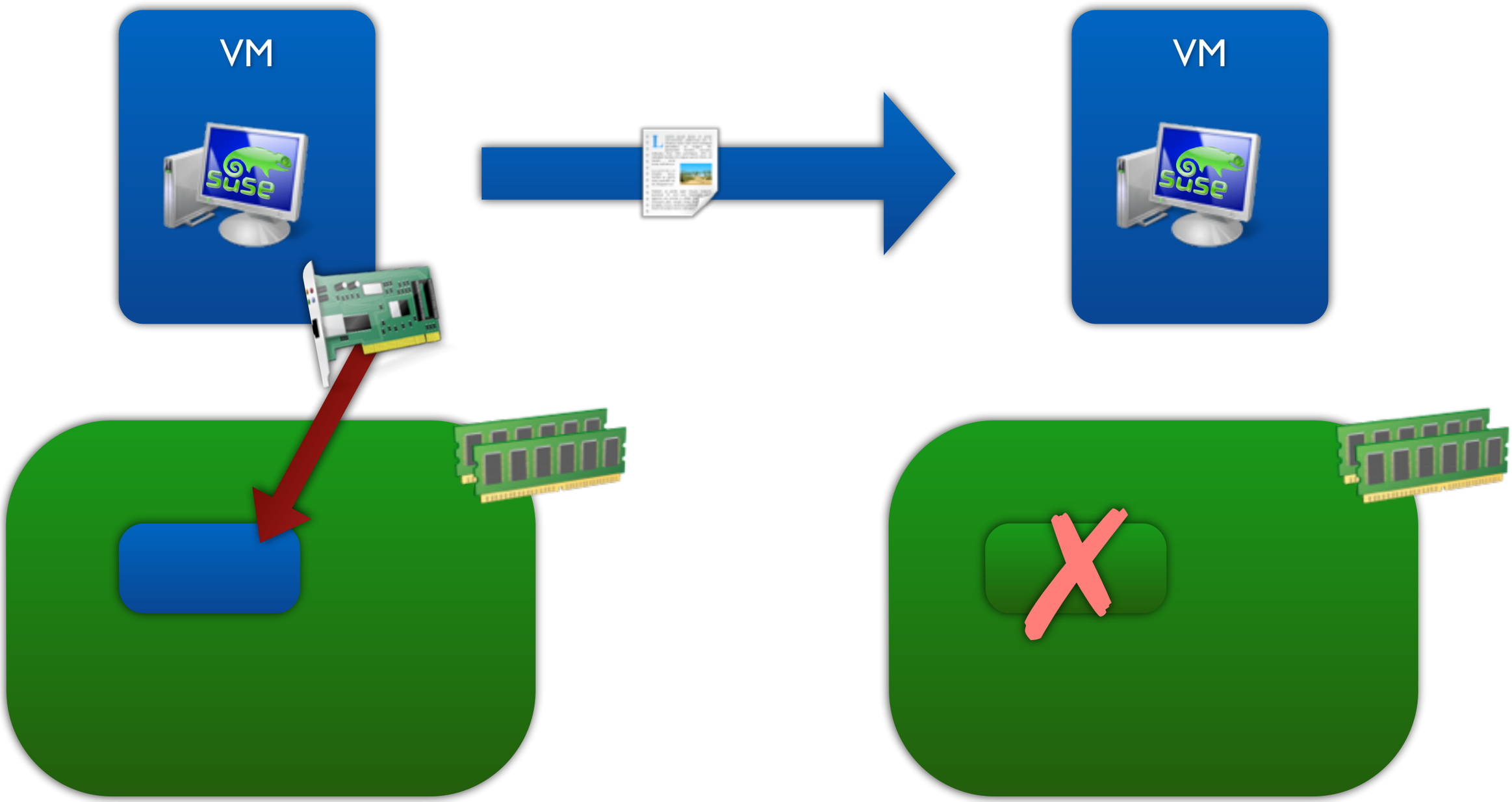
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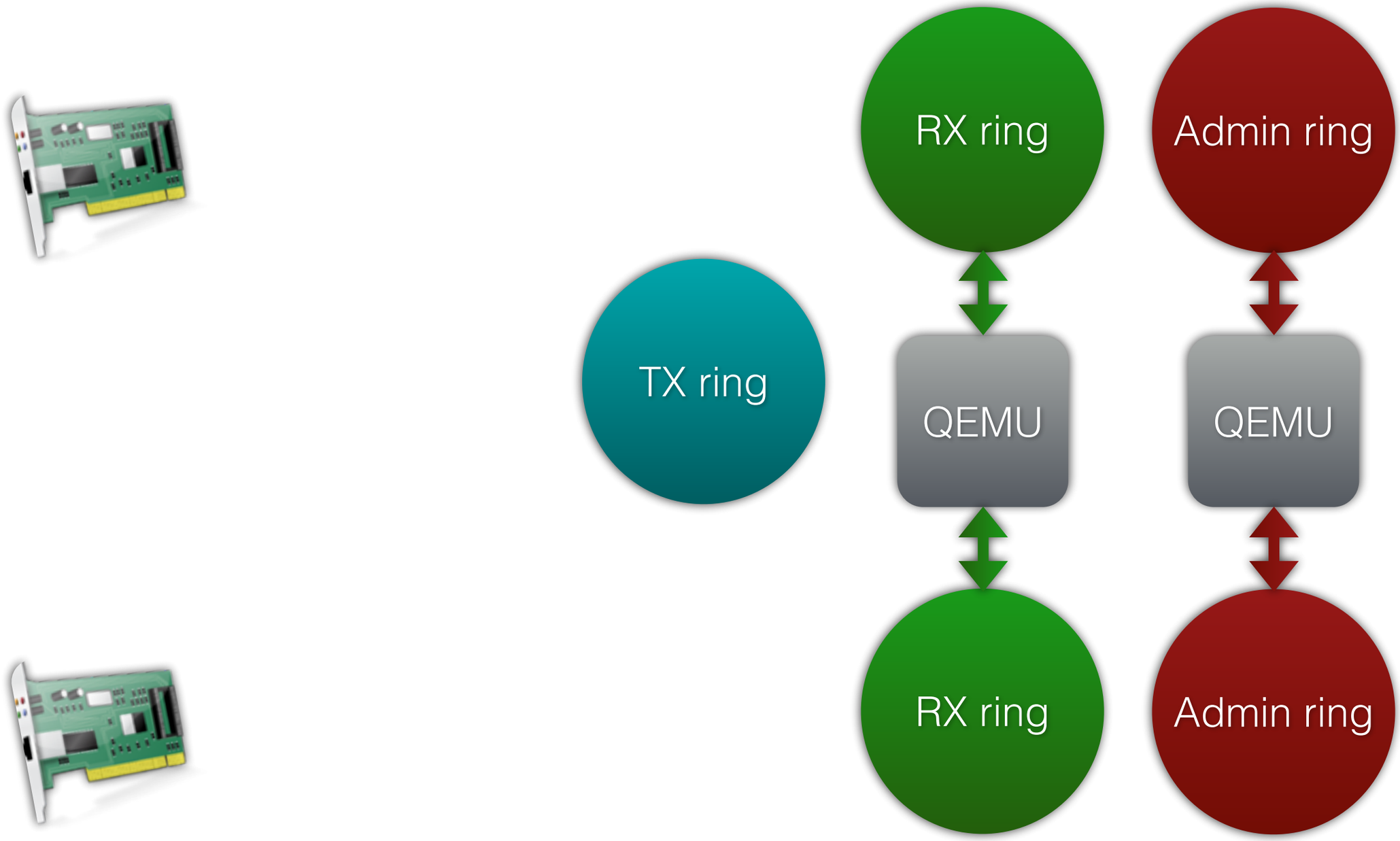
RX ring
QEMU
Admin ring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QEMU
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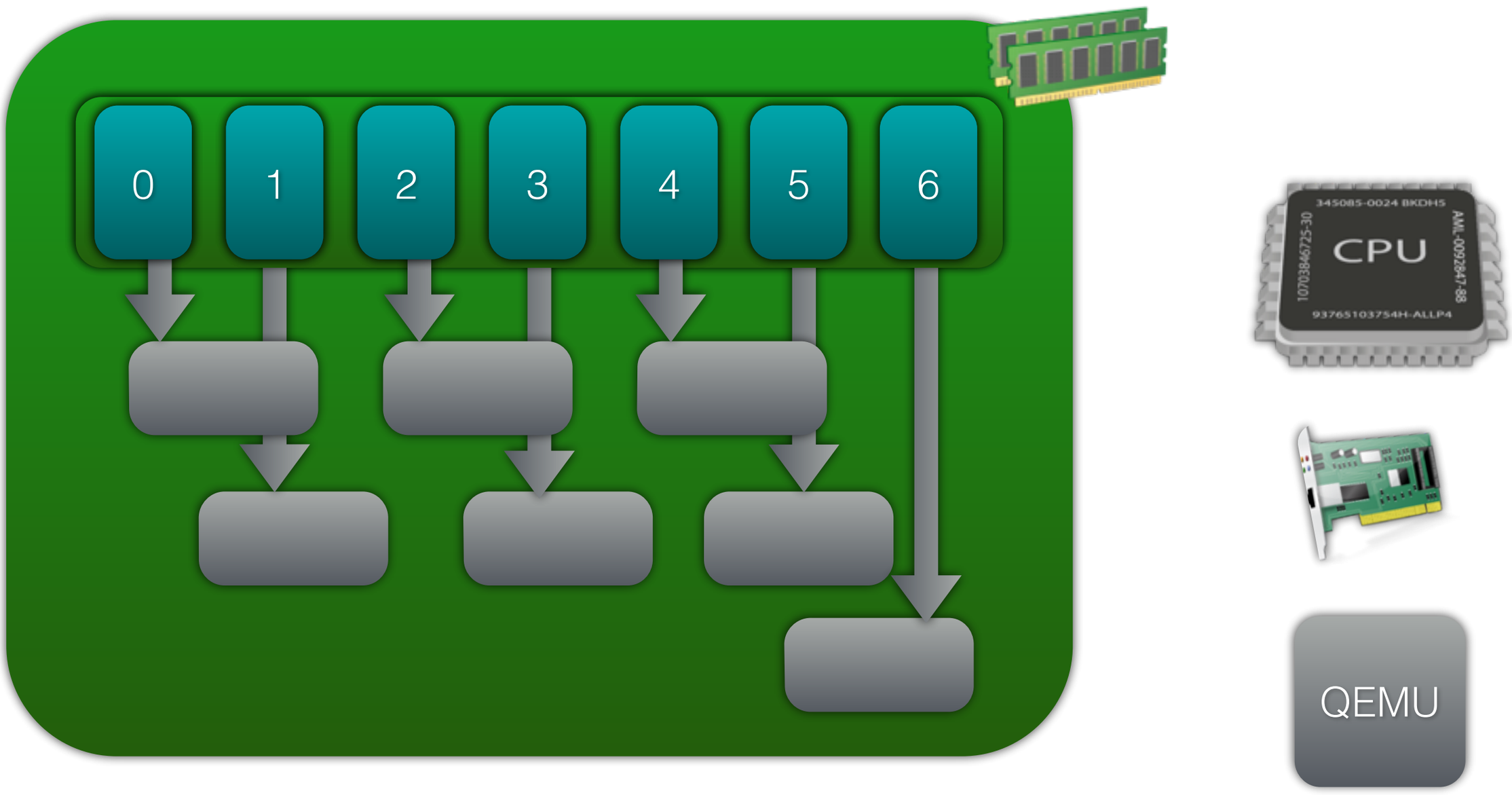
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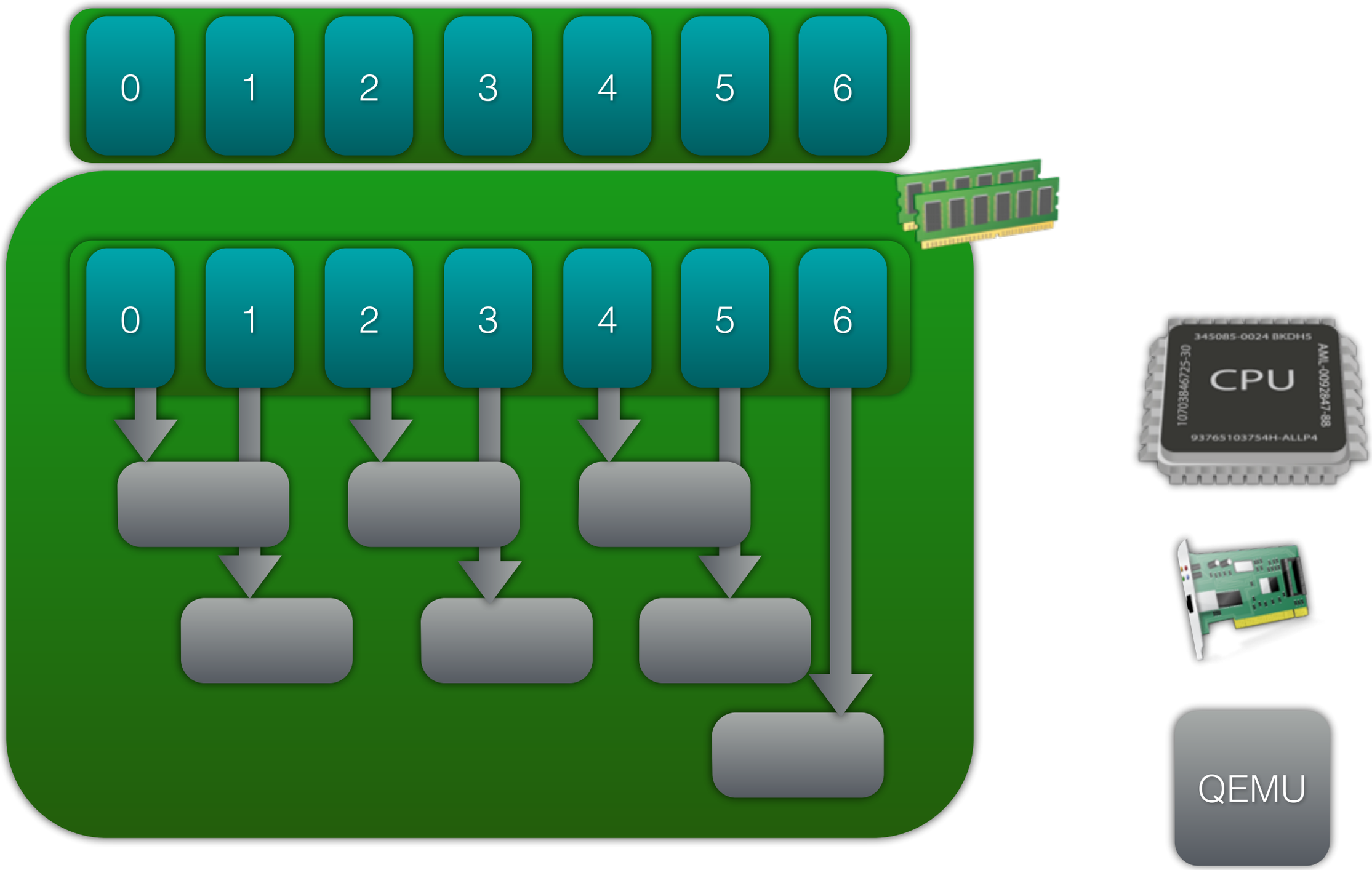
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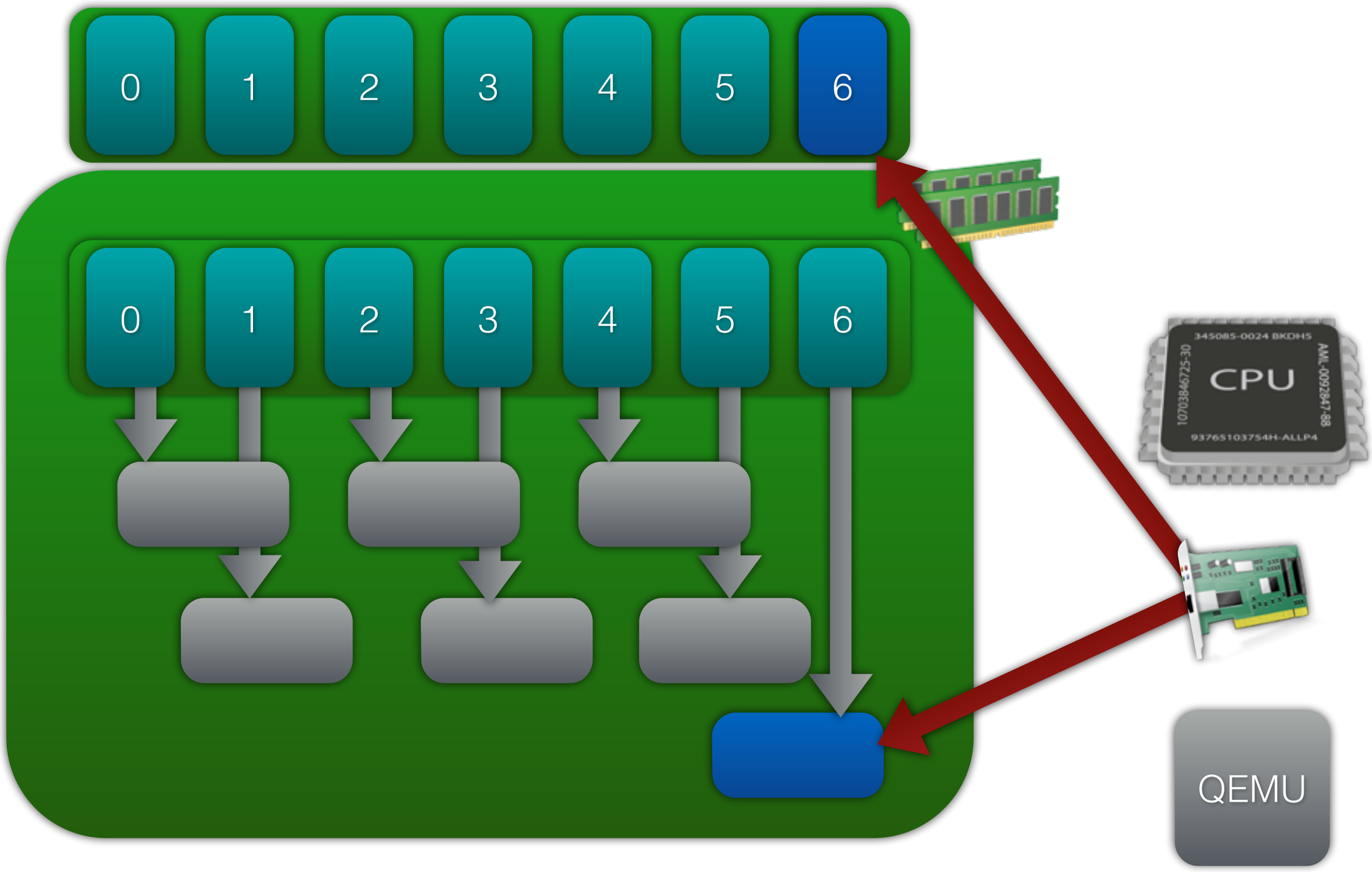
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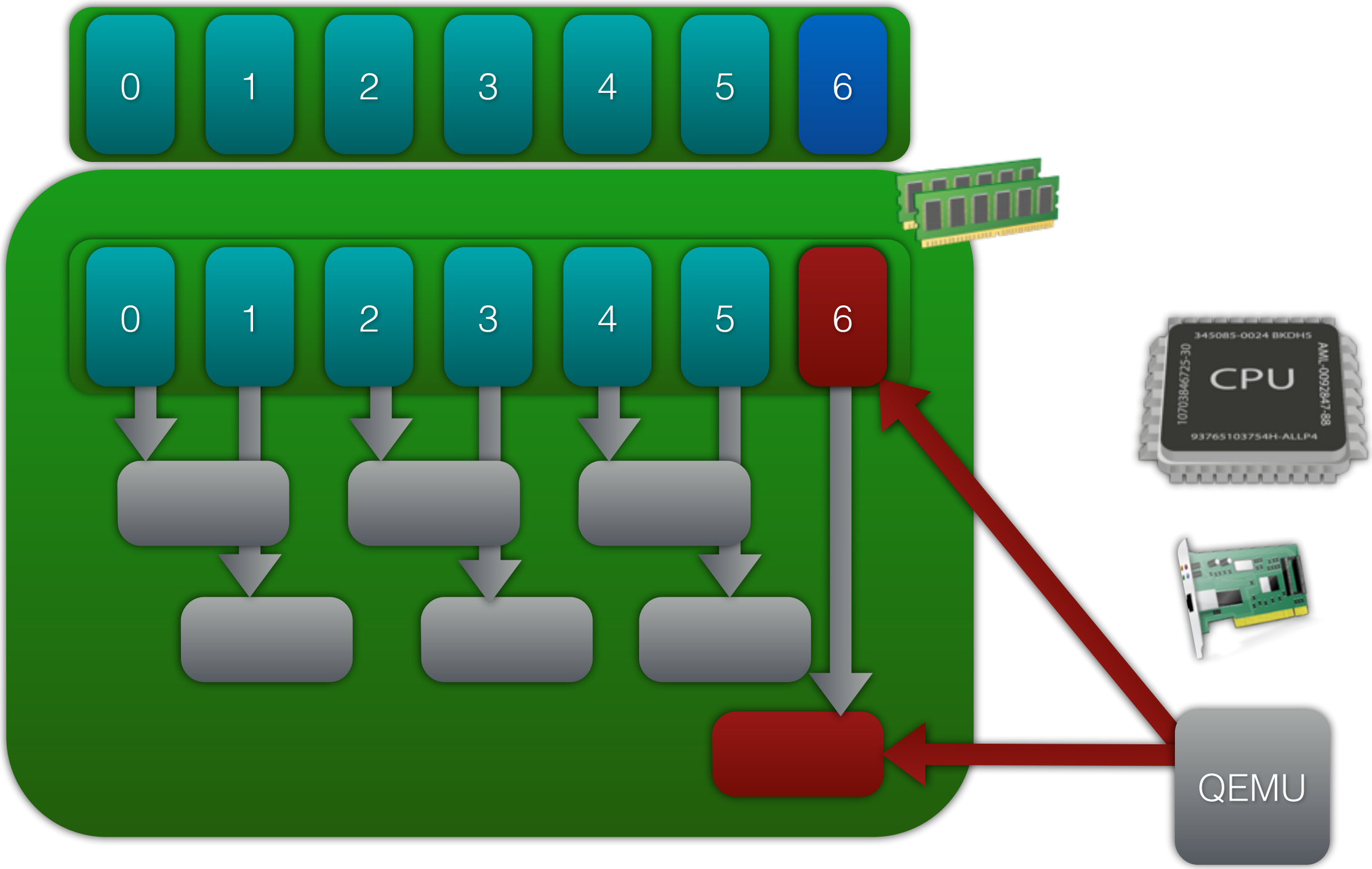
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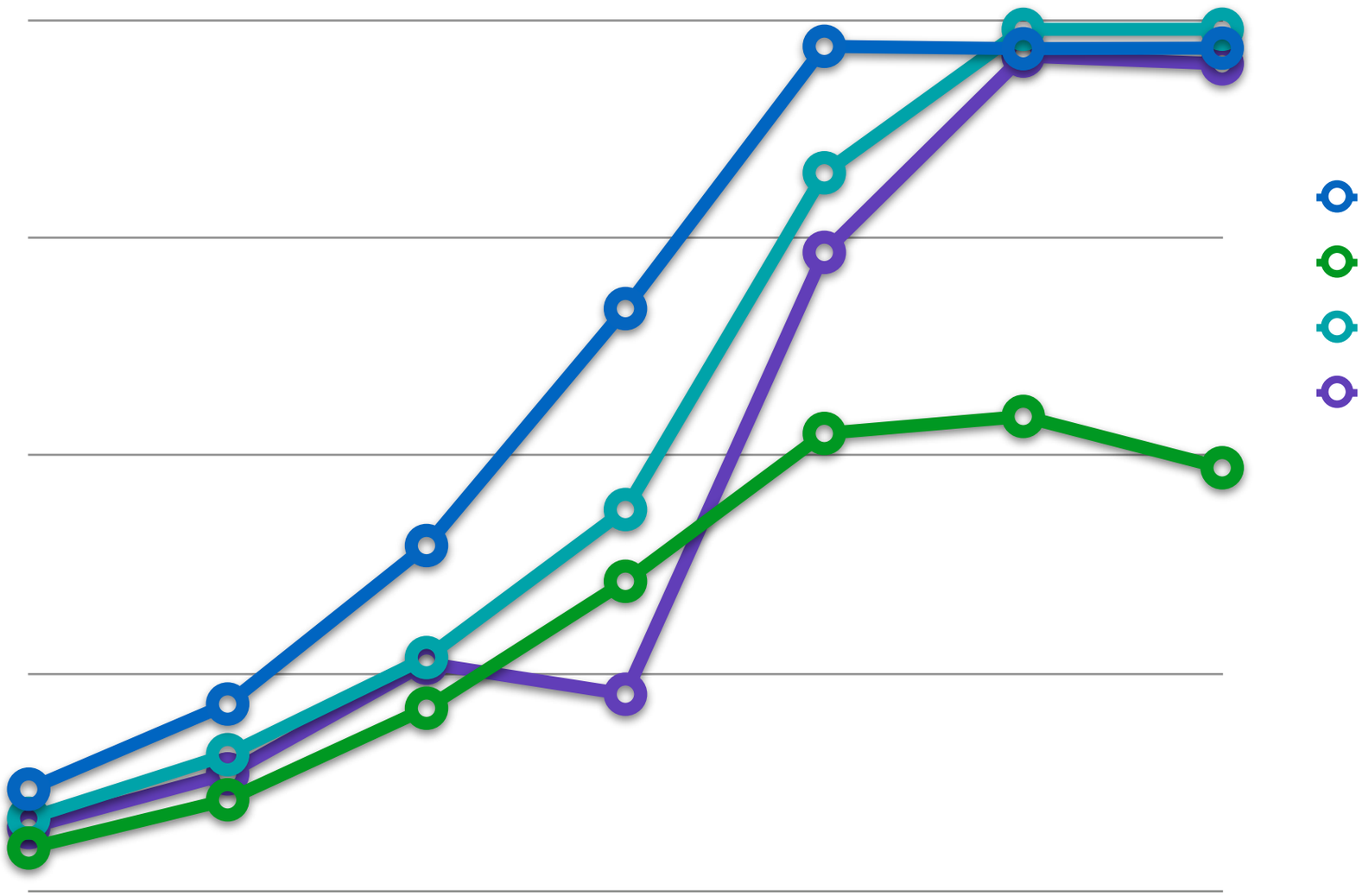

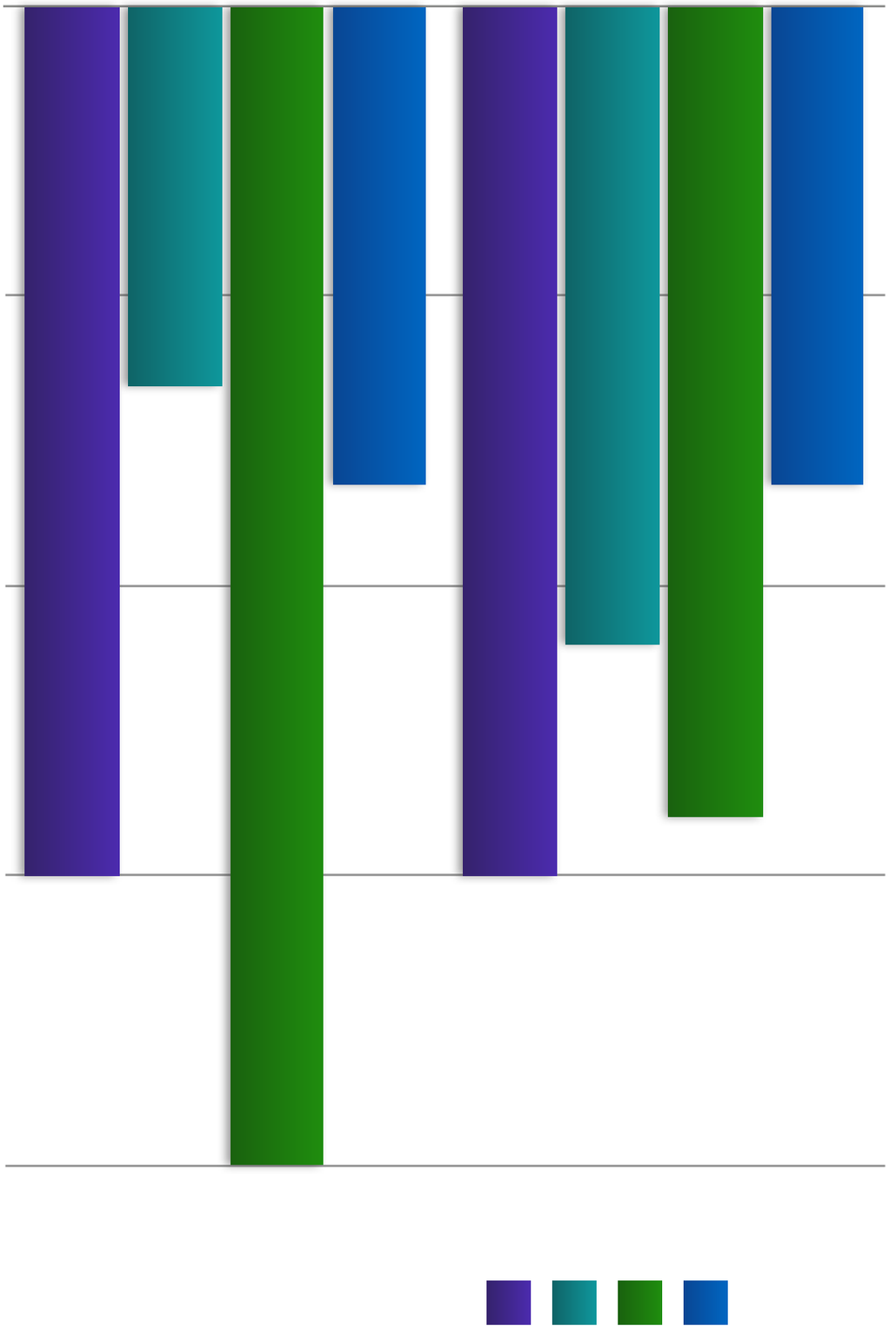

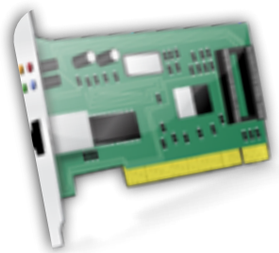

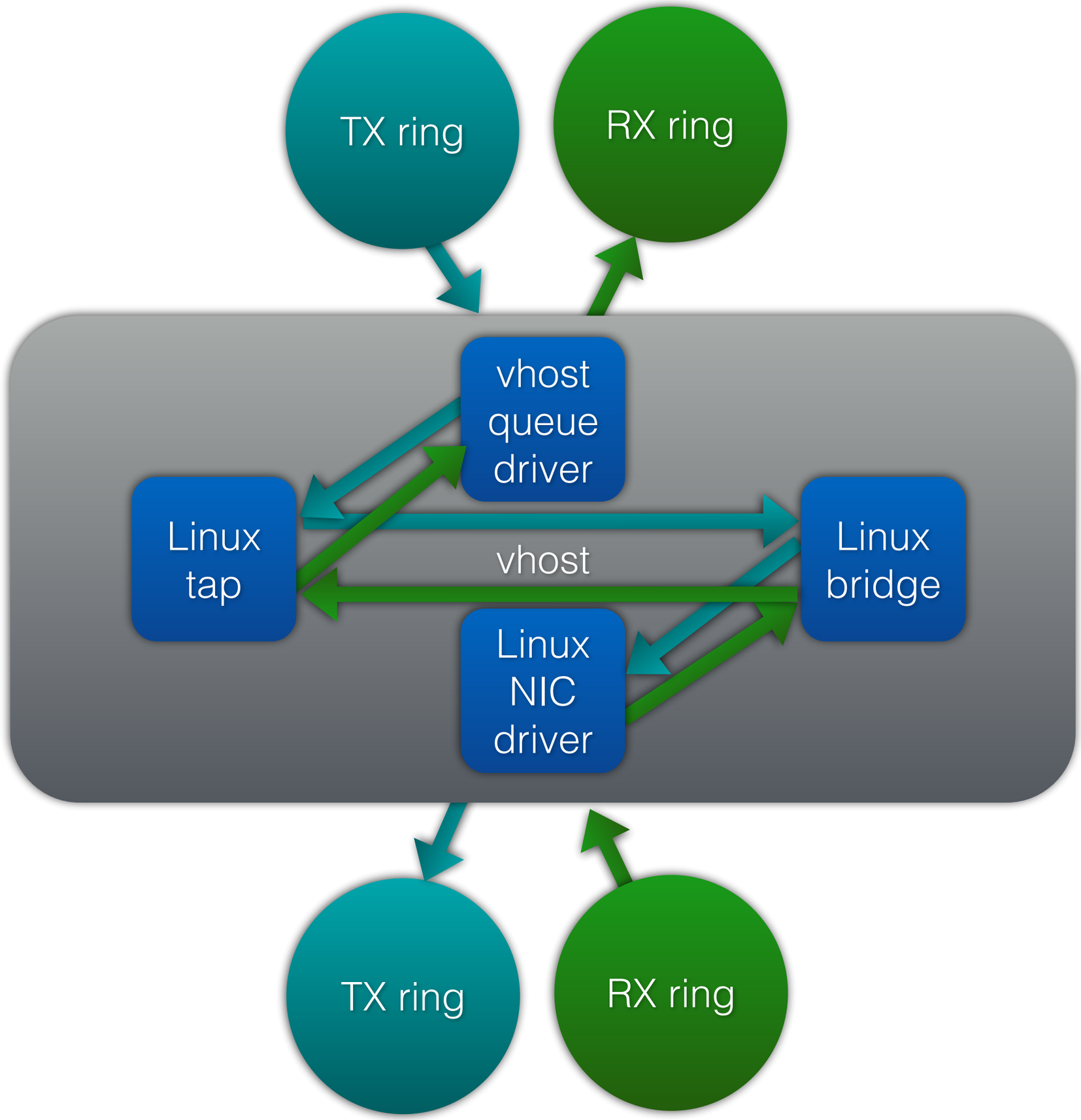
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vhost
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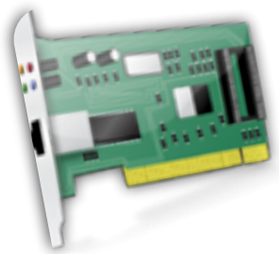
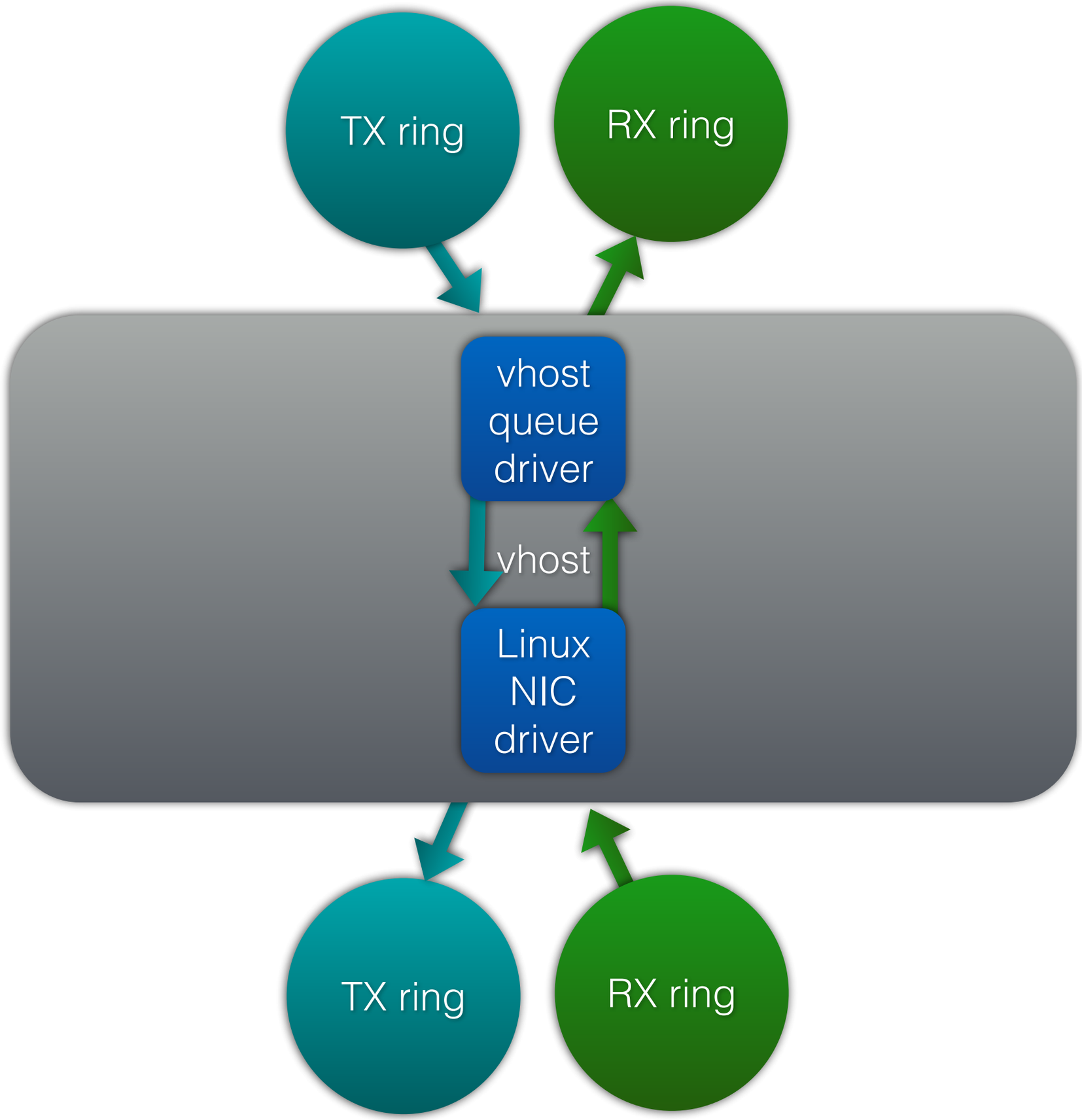
driver
Linux
tap
vhost
Linux
bridge
Linux
NIC
driver
TX ring
RX ring

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driver
vhost
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driver
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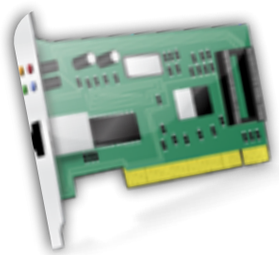
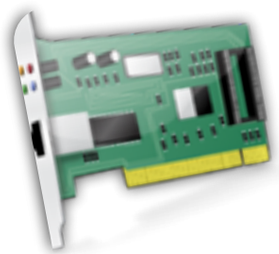


TX ring
RX ring
Admin ring



TX ring
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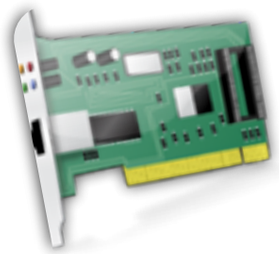

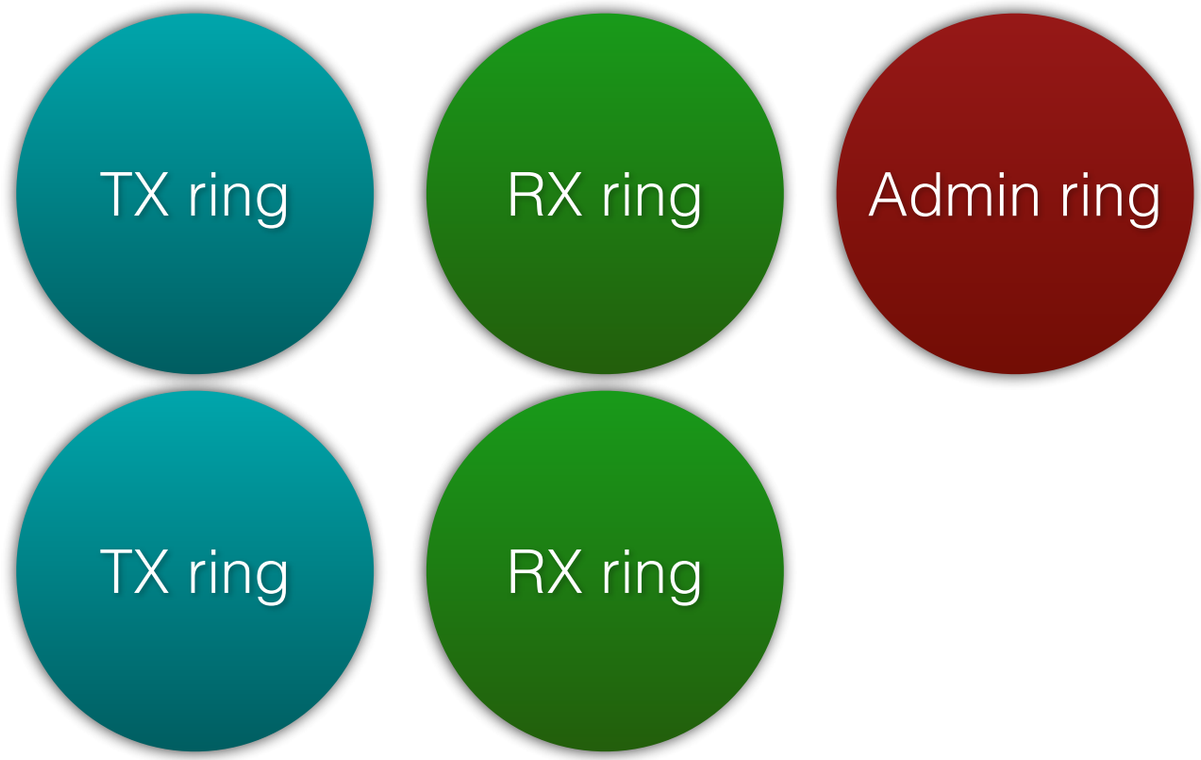
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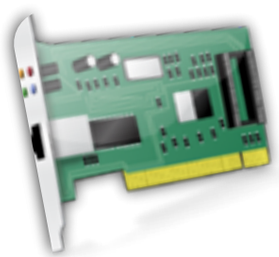
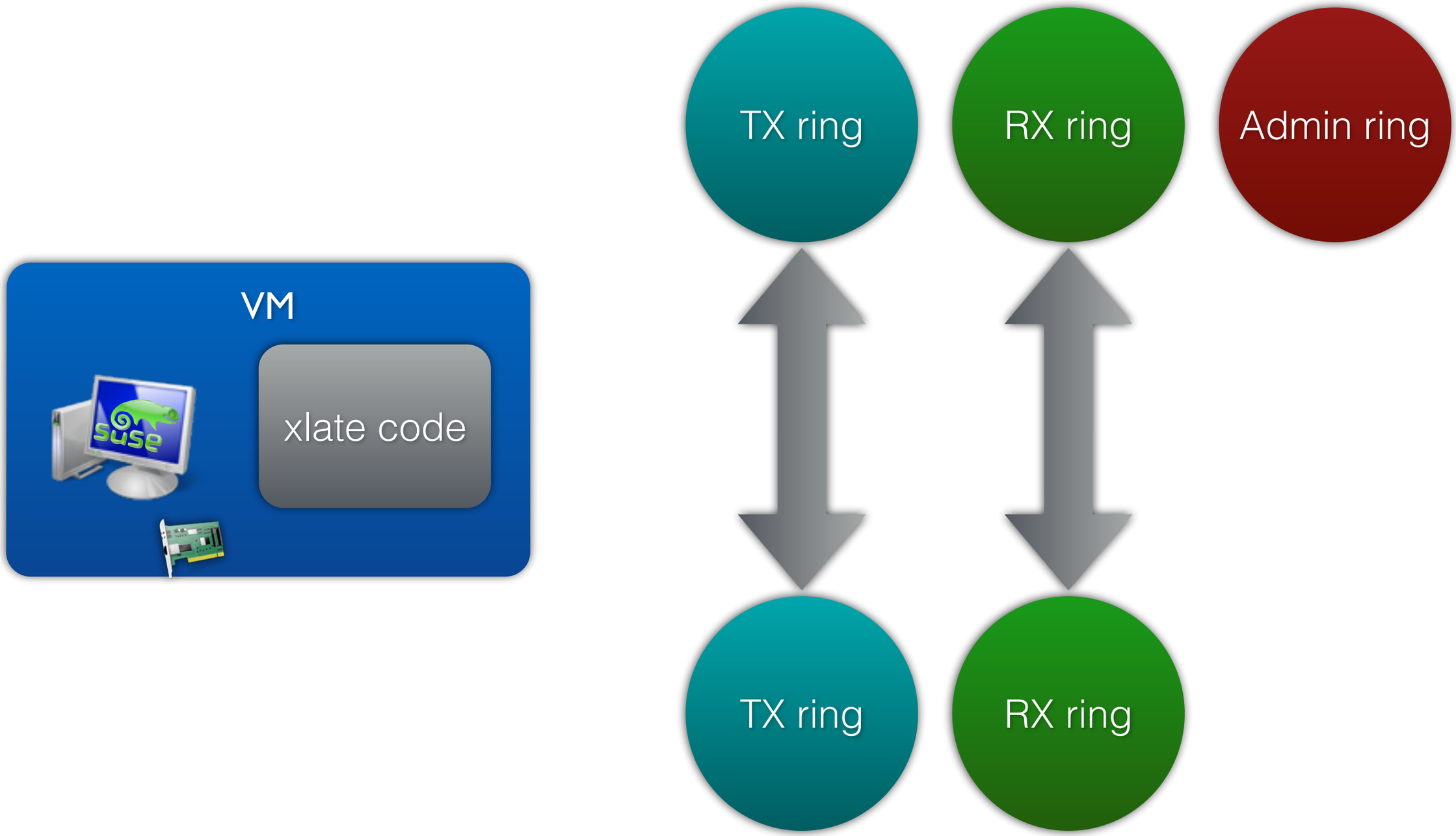
RX ring
Admin ring
TX ring
RX ring



Admin ring

VM
suse

VM
xlate code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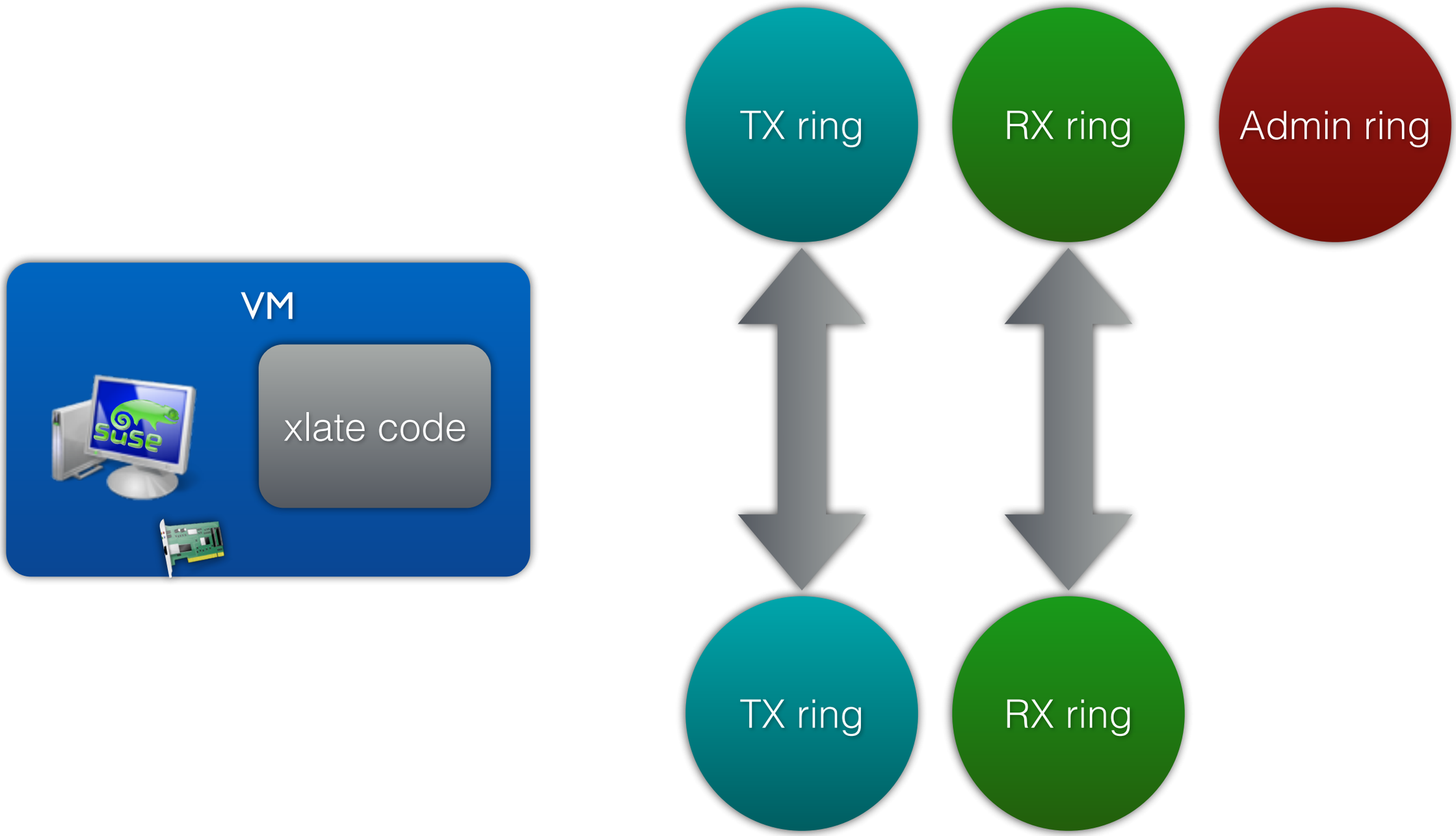
RX ring
Admin ring
VM
xlate code
TX ring
RX ring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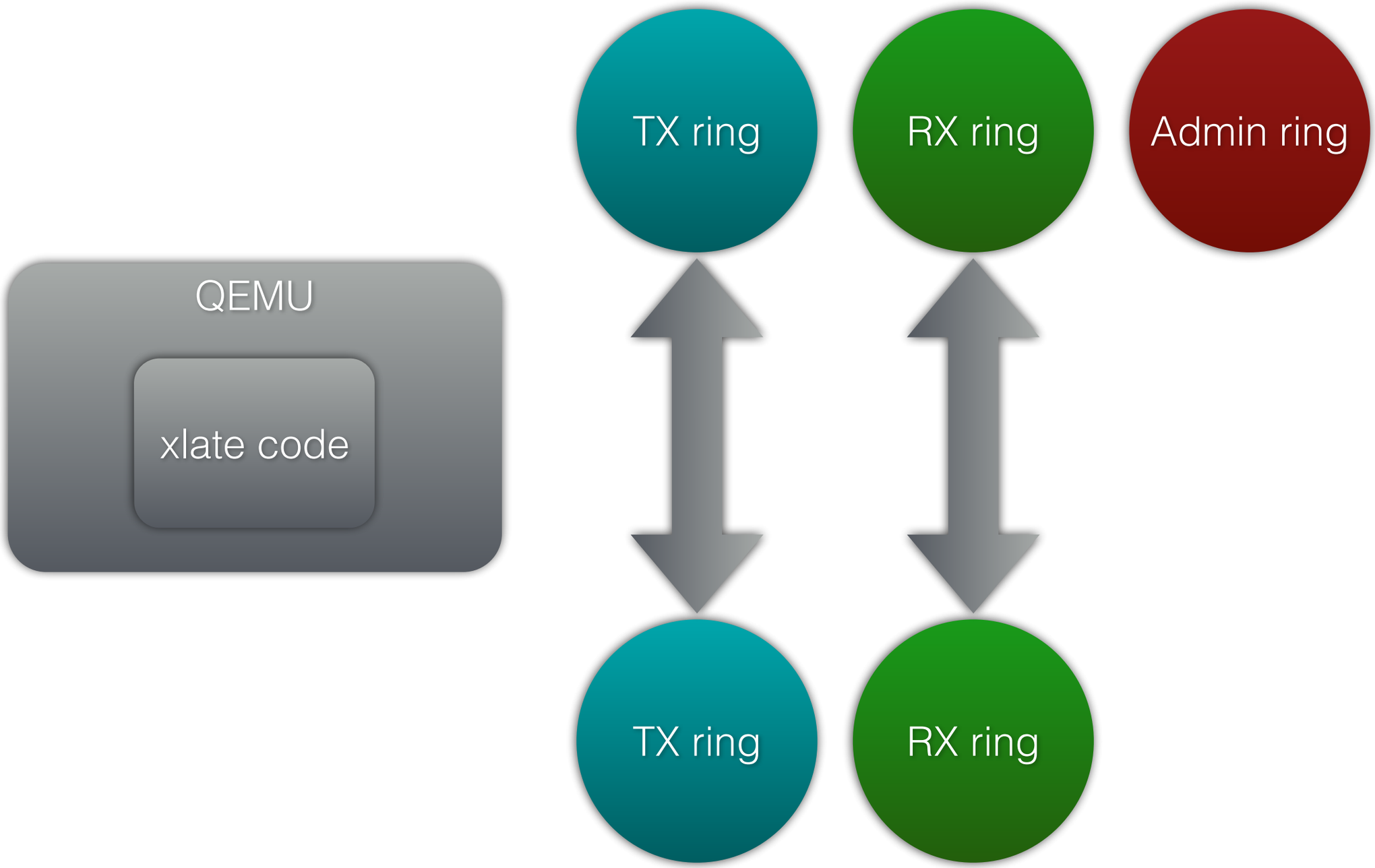
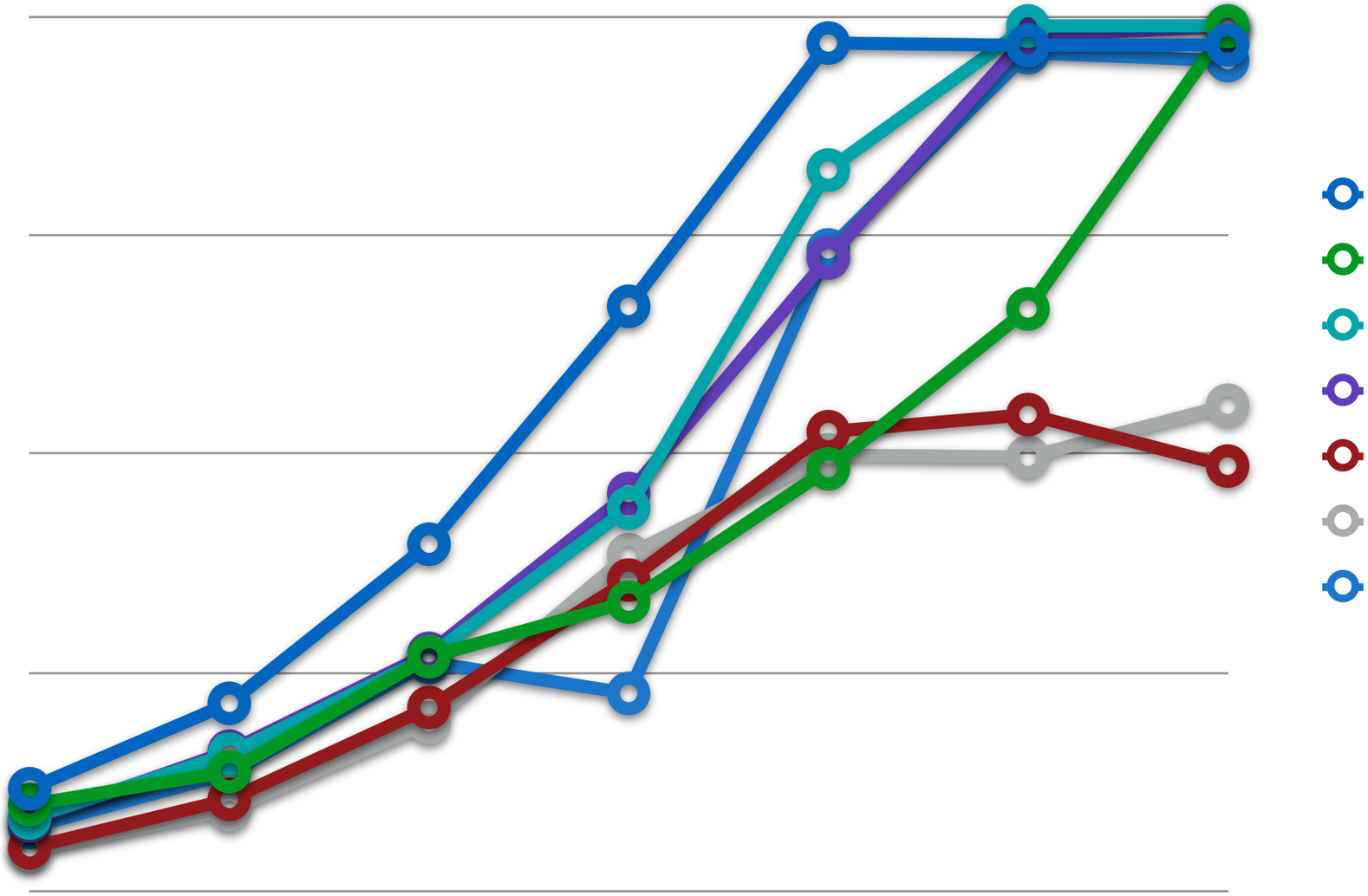
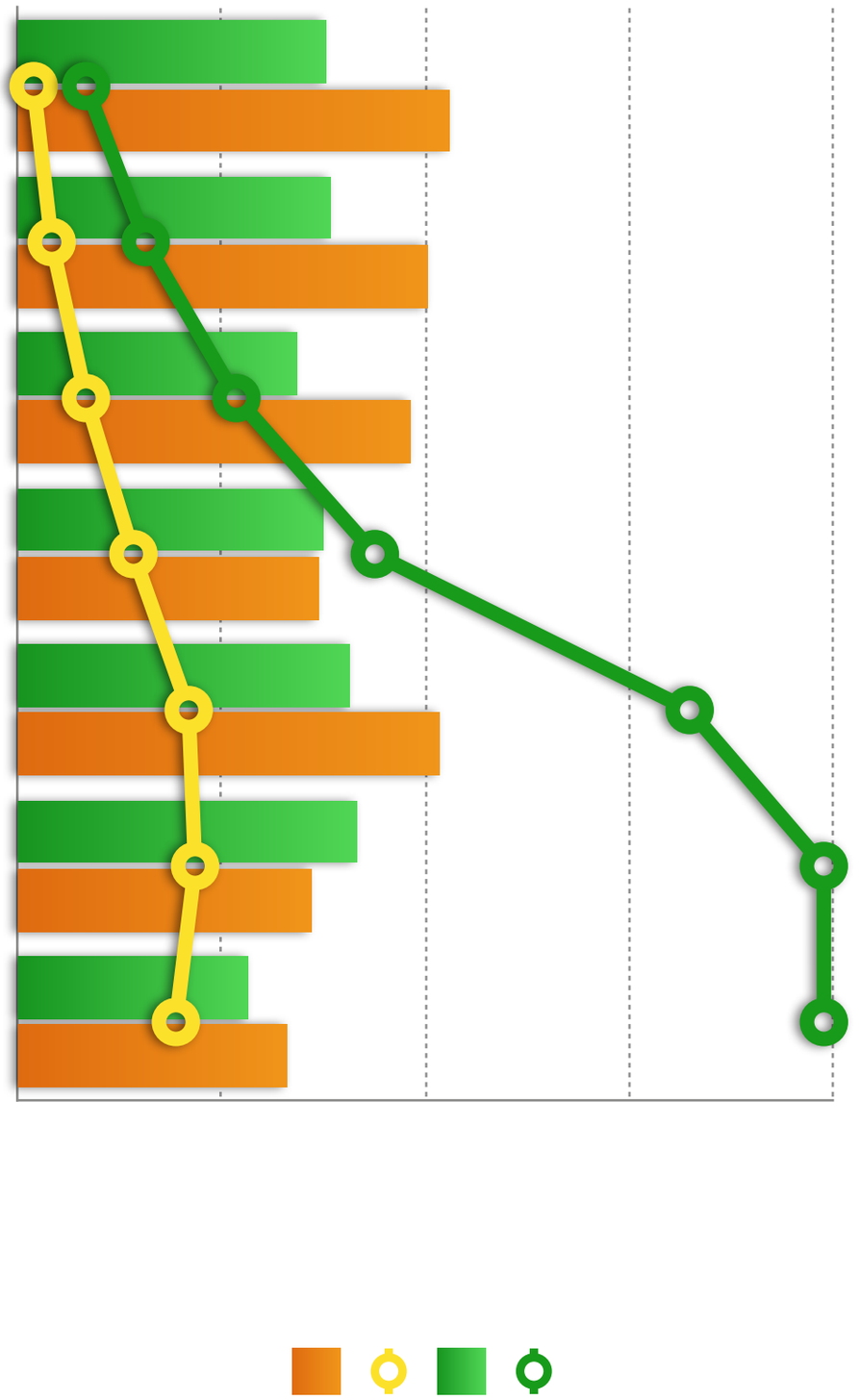
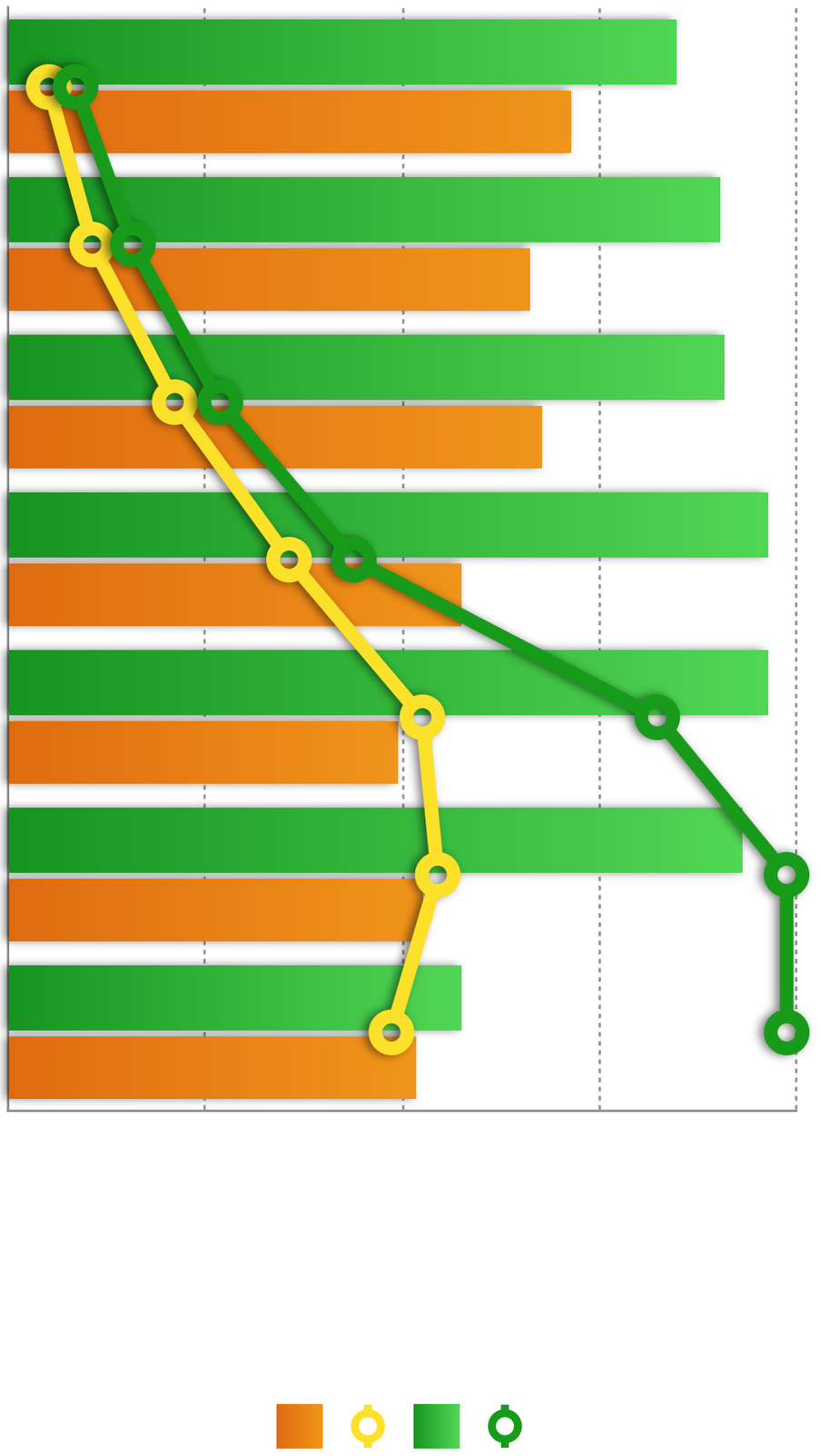
TX ring
RX ring


TX ring
RX ring
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QEMU
xlate code
TX ring
RX ring