Implement Network Load Balancing

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What This Module Covers

Configure NLB prerequisites

Install NLB nodes

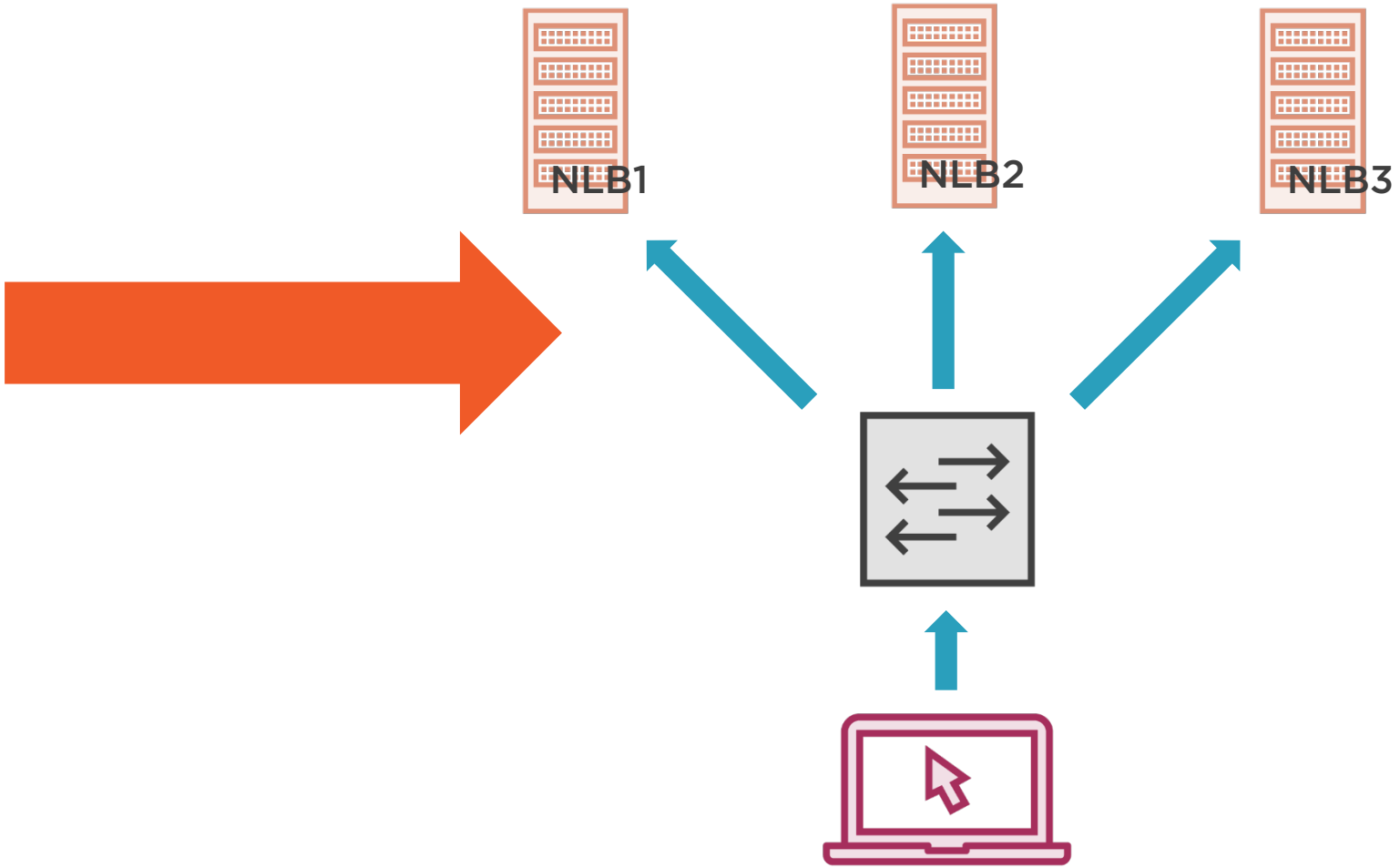
Configure cluster operation mode

Configure affinity

Configure port rules

Upgrade an NLB cluster

Configure NLB Prerequisites



Pros/Cons: Unicast Mode

Pros

- Always works
- Requires no special network configurations

Cons

- Requires second NIC on NLB hosts
- Causes subnet flooding

Pros/Cons: Multicast Mode

Pros

- Does not require second NIC on NLB hosts

Cons

- Causes subnet flooding
- Requires special network configuration

Pros/Cons: IGMP Multicast

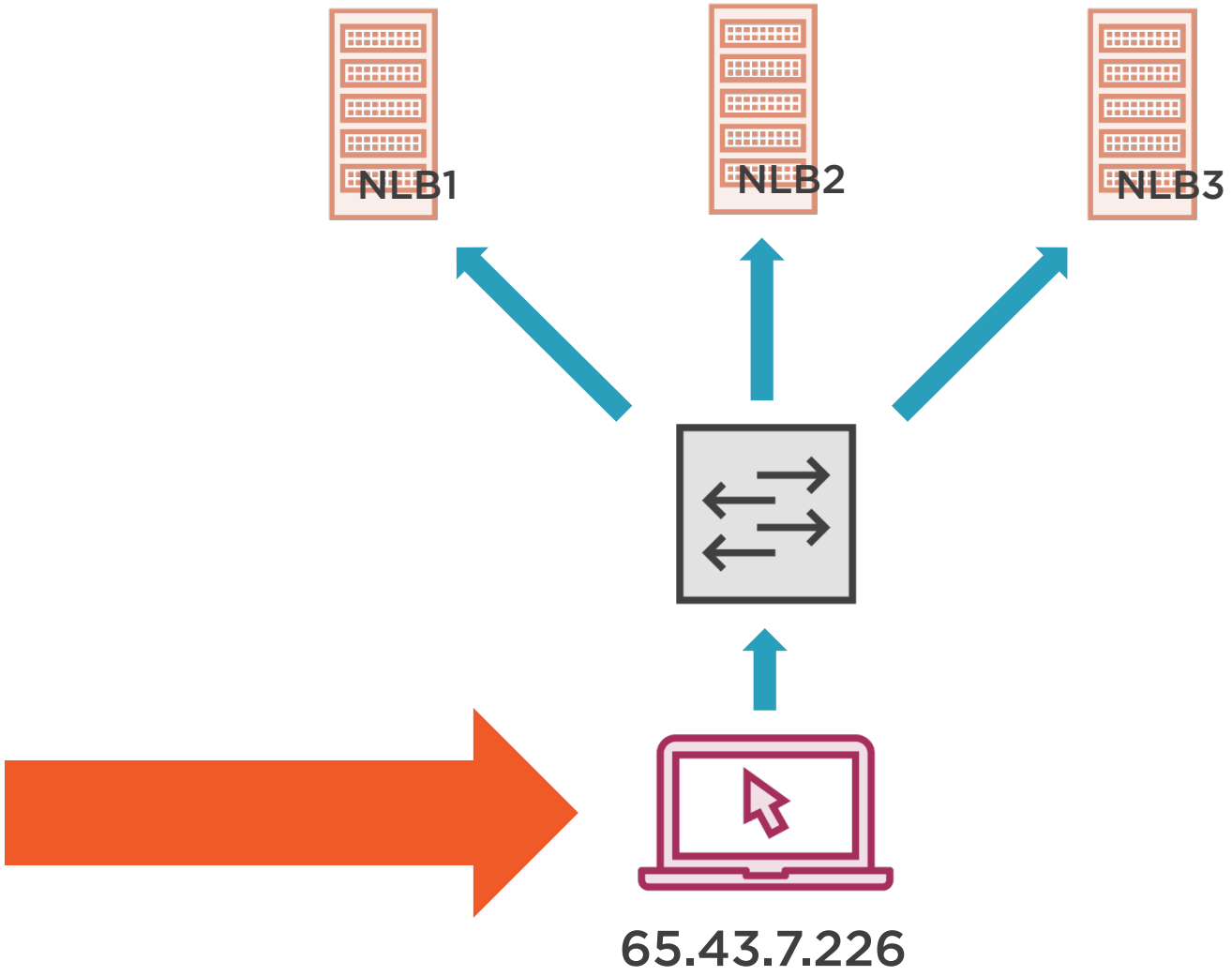
Pros

- Does not cause subnet flooding
- Does not require second NIC on NLB hosts

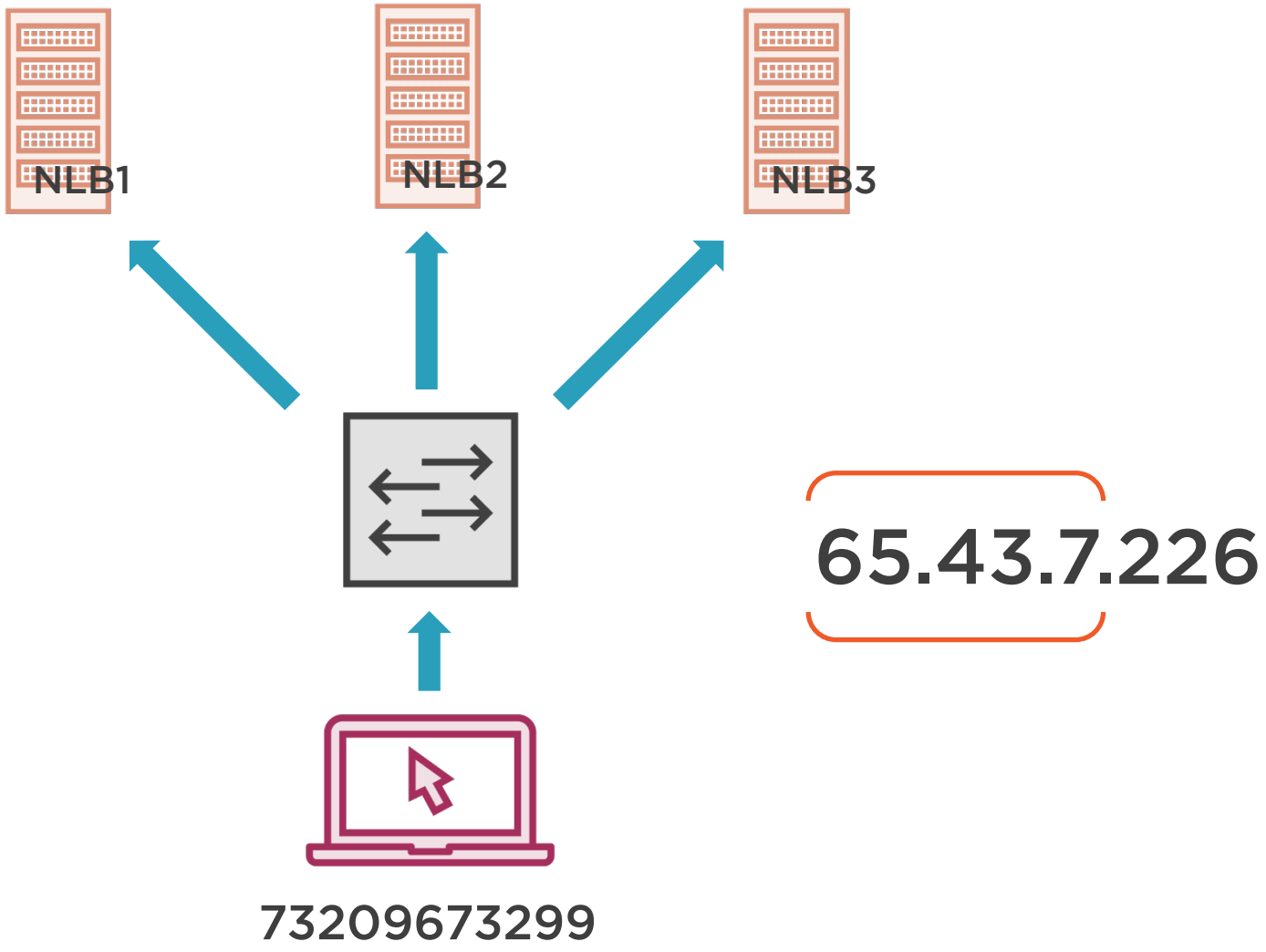
Cons

- Requires network support
- Requires special network configuration

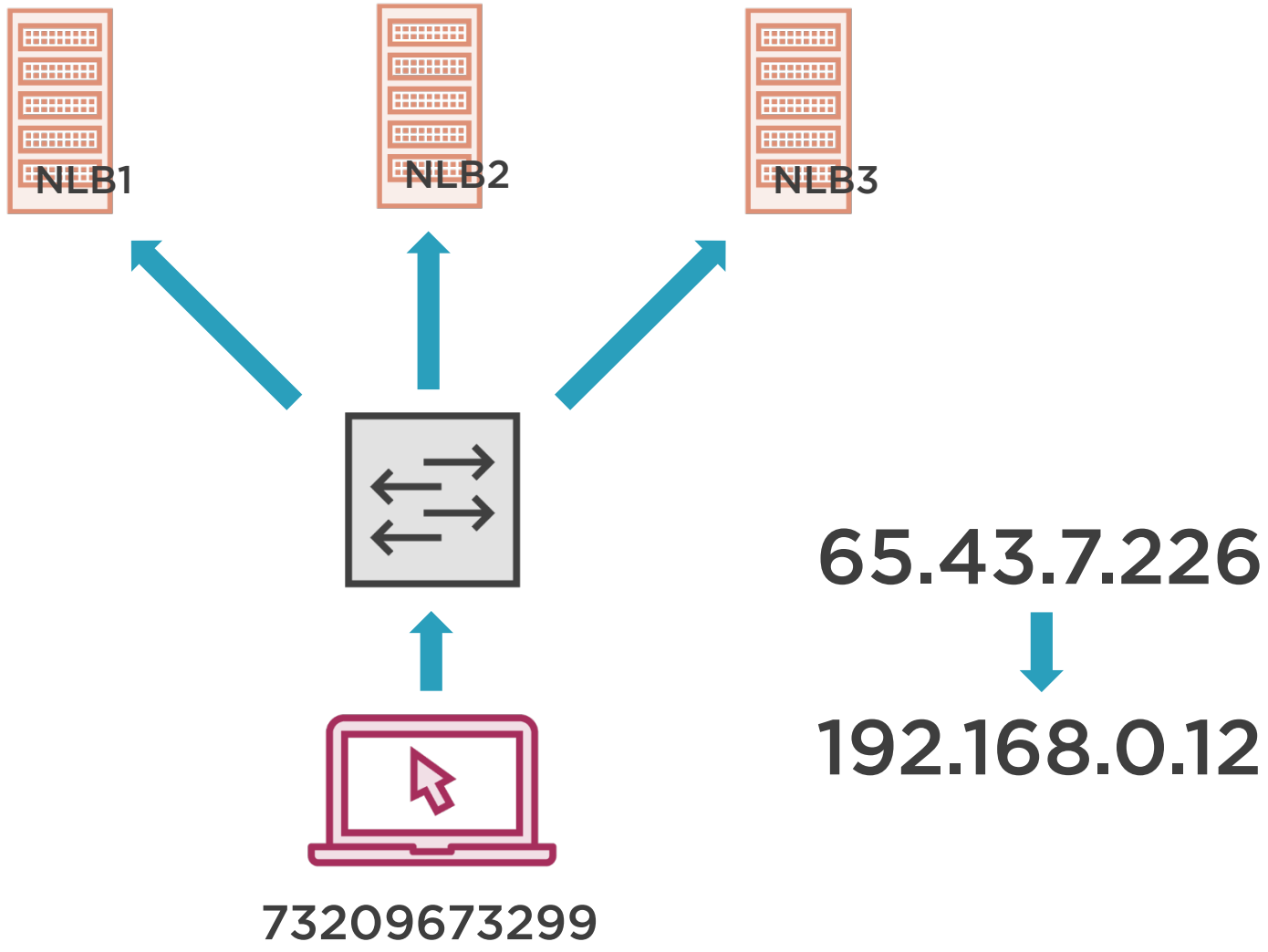
Configure Affinity



Configure Affinity



Configure Affinity



Upgrade an NLB Cluster

Drainstop

Power off

Upgrade

Power on

Rejoin cluster

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Implementing High Availability in Windows Server 2016

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