

A decorative graphic on the left side of the slide, consisting of a network of white lines and small circles on a dark blue background, resembling a circuit board or a neural network.

HANDS ON #7: ROUTER TABLES

JACORY CARTER

DECEMBER 6, 2023

ROUTER A CONFIGURATION

LAN	WAN
IP Address: 10.0.1.1	IP Address: 72.218.120.8
Subnet Mask: 255.255.255.0	Subnet Mask: 255.255.248.0
	Gateway: 72.218.220.1

ROUTER A ROUTING TABLE

ID	Destination IP	Mask	Next Hop	Interface
1	10.0.1.0	255.255.255.0	N/A	LAN
2	72.218.120.0	255.255.248.0	N/A	WAN
3	10.0.2.0	255.255.255.0	10.0.1.2	LAN
4	0.0.0.0	0.0.0.0	72.218.120.1	WAN



The new static entry that was added for the new subnet on router B.

ROUTER B CONFIGURATION

LAN	WAN
IP Address: 10.0.2.1	IP Address: 10.0.1.2
Subnet Mask: 255.255.255.0	Subnet Mask: 255.255.255.0
	Gateway: 10.0.1.1

ROUTER B ROUTING TABLE

ID	Destination IP	Mask	Next Hop	Interface
1	10.0.2.0	255.255.255.0	N/A	LAN
2	10.0.1.0	255.255.255.0	N/A	WAN
3	0.0.0.0	0.0.0.0	10.0.1.1	WAN

NEW TOPOLOGY

