

Internet2 Router Network

Original Incidence Matrix

The elements in this incidence matrix represent the number of ways a packet can travel from the row city to the column city in exactly one hop.

	Atl	Chi	Hou	KC	LA	NY	Sea	SLC	DC
Atl									
Chi									
Hou									
KC									
LA									
NY									
Sea									
SLC									
DC									

Key City
 Atl Atlanta
 Chi Chicago
 Hou Houston

Key City
 KC Kansas City
 LA Los Angeles
 NY New York

Key City
 Sea Seattle
 SLC Salt Lake City
 DC Washington DC

Internet2 Router Network Incidence Matrix

The elements in this incidence matrix represent the number of ways a packet can travel from the row city to the column city in no more than _____ hops.

	Atl	Chi	Hou	KC	LA	NY	Sea	SLC	DC
Atl									
Chi									
Hou									
KC									
LA									
NY									
Sea									
SLC									
DC									

Key City
 Atl Atlanta
 Chi Chicago
 Hou Houston

Key City
 KC Kansas City
 LA Los Angeles
 NY New York

Key City
 Sea Seattle
 SLC Salt Lake City
 DC Washington DC

Internet2 Router Network Incidence Matrix w/o Kansas City

The elements in this incidence matrix represent the number of ways a packet can travel from the row city to the column city in no more than _____ hops when Kansas City is removed from the network.

	Atl	Chi	Hou	KC	LA	NY	Sea	SLC	DC
Atl									
Chi									
Hou									
KC									
LA									
NY									
Sea									
SLC									
DC									

Key City
 Atl Atlanta
 Chi Chicago
 Hou Houston

Key City
 KC Kansas City
 LA Los Angeles
 NY New York

Key City
 Sea Seattle
 SLC Salt Lake City
 DC Washington DC