**Michigan Cluster – Phase 1 Rubric**

Create a Scenario called **MICHIGAN**. Make sure you don’t erase your Florida scenario. Put these PINGs in it.

|  |  |  |
| --- | --- | --- |
| **Source** | **Destination** | **Successful? (√)** |
| GR-LAN # 1 | Gaylord-LAN |  |
| Lansing-LAN | DET-LAN#2 |  |
| Mack-LAN | DET-LAN#4 |  |
| Lud-LAN | Holland-LAN |  |
| Kzoo-LAN | Sag-LAN |  |
| DET-LAN#3 | GR-LAN#2 |  |
| BC-LAN | DET-LAN#1 |  |
| Holland-LAN | Sag-LAN |  |
| Mack-LAN | Holland-LAN |  |
| GR-LAN#2 | Mack-LAN |  |
| Kzoo-LAN | DET-LAN#4 |  |
| Gaylord-LAN | BC-LAN |  |
| Lansing | Holland-LAN |  |
| Sag-LAN | GR-LAN#1 |  |

**Routing Table Entries**

Directions – Find the Network in the routing table and write down the info in the last column.

|  |  |  |  |
| --- | --- | --- | --- |
| **Router** | **Destination LAN** | **Network in Routing Table** | **OSPF Cost (110/???)** |
| Battle Creek | Mackinac LAN | 134.X.100.160 /28 |  |
| Kalamazoo | Holland LAN | 134.X.100.128 /27 |  |
| Grand Rapids | Detroit LAN # 4 | 134.X.80.0 /21 |  |
| Lansing | Ludington | 134.X.100.0 /26 |  |
| Ludington | Detroit-LAN # 2 | 134.X.32.0 /19 |  |
| Detroit | Kalamazoo LAN | 134.X.99.0 /25 |  |
| Mackinac | Gaylord | 134.X.100.64 /26 |  |
| Gaylord | GR-LAN#1 | 134.X.92.0 /22 |  |
| Saginaw | BC-LAN | 134.X.99.128 /25 |  |
| Gaylord | 0.0.0.0 (Default Route) | 0.0.0.0 |  |

How many of your routers have a default route (0.0.0.0) that was learned from OSPF? The routing table entry will have a “O” at the beginning of it?

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