

## Comparing Enterprise Transit Network Features

|  | AWS Native Transit                           | Azure Native Transit              | Aviatrix Transit                                    |
|--|--|-----------------------------------|---|
| <b>Networking</b>  |  |                                   |   |
| <b>AWS TGW Routes Scalability</b>  | 100 BGP Routes,<br>No VPC CIDR summarization | N/A                               | No scalability concerns                             |
| <b>Azure UDR Routes Scalability</b>  | N/A  | 400 Routes per table              | No scalability concerns                             |
| <b>Intra-Region Transit Peering</b>  | No   | Yes                               | Yes   |
| <b>Multi-Region Connectivity</b>   | Limited                                      | Yes                               | Yes (High Performance)                              |
| <b>Multi-Cloud Connectivity</b>  | No   | No                                | Yes   |
| <b>Number of Transit Gateways in a region</b>  | 5  | N/A                               | No Limit  |
| <b>VPC/VNet Route Table Management</b>   | No (Manual)                                  | No (Manual)                       | Yes (Automated)                                     |
| <b>Overlapping IPs Support</b>   | No   | No                                | Yes   |
| <b>BGP AS Path Prepend</b>   | No   | No (Only available with VPN & ER) | Yes   |
| <b>Intelligent Traffic Engineering</b>   | No   | No                                | Yes   |
| <b>Routes Propagation with BGP Information</b>   | No   | Yes                               | Yes   |
| <b>Security</b>  |  |                                   |   |
| <b>End-to-End Encryption</b>   | No   | No                                | Yes   |
| <b>Multi-Cloud Network Segmentation / Security Domains</b>   | No   | No                                | Yes   |
| <b>Edge Segmentation</b>   | Manual                                       | No                                | Yes   |
| <b>Site-to-Cloud Performance</b>   | ~1.25Gbps                                    | ~1.25Gbps                         | ~10Gbps   |
| <b>High-Performance Encryption (up to 75 Gbps)</b>   | No   | No                                | Yes (High Performance)                              |
| <b>Automated Traffic Redirection to Firewalls</b>  | No   | No (Only with Azure FW & vWAN)    | Yes   |
| <b>Intra Security Domain Firewall Inspection</b>   | No   | N/A                               | Yes   |
| <b>Exclude Firewall Inspection Addresses</b>   | No   | No                                | Yes   |
| <b>Operations</b>  |  |                                   |   |
| <b>Routing Control (Network Route Approval)</b>  | No   | No                                | Yes   |
| <b>Enterprise Grade Visibility</b>   | No   | No                                | Yes   |
| <b>Troubleshooting</b>   | Limited (Complex)                            | Limited (Complex)                 | Includes Advanced Tools                             |
| <b>Network Design Repeatability (Intra Region)</b>   | No   | Yes (Complex)                     | Yes   |
| <b>Transit Network Correctness</b><br>(Intelligently propagate non-RFC routes b/w on prem and spokes or b/w spokes)                        | No   | No                                | Yes (Automated)                                     |
| <b>Automated Routes Audit</b><br>(nightly audit if routes were modified outside of controller)   | No   | No                                | Yes   |
| <b>On-Demand Routes Audit</b><br>(same as above but on demand)   | No   | No                                | Yes   |
| <b>Multi-Cloud Terraform Provider</b>  | No   | No                                | Yes   |
| <b>Network CIDR Filtering Across Regions</b><br>(e.g. route filtering b/w region to region if overlapping or black hole route is detected) | No   | No                                | Yes   |
| <b>Ability to capture TCP sessions</b><br>(Realtime Traffic Flow Logs)   | No   | No                                | Yes (FlowIQ with link latency and resource tagging) |
| <b>Dynamic Topology Map, Flow Chart, Detail Flow Analytics, Latency and Tag-based mgt</b>  | No   | No                                | Yes (CoPilot)                                       |