

Trustgrid + AWS Transit Gateway

Connect AWS-Hosted Applications to On-Premise Systems

AWS Transit Gateway solves the challenge of connecting cloud applications to multiple on-premise locations. Trustgrid supplements AWS' Transit Gateway to solve the unique challenges of cloud application providers that must connect to a variety of on-premise customer environments at a scale.

Add Additional Features to Native AWS Capabilities

Enhance Availability

Achieving enterprise SLAs with traditional VPN connectivity from Amazon requires dynamic routing protocols which can further increase the configuration and management burden. Cloud applications that depend on the data from customer premises can't afford to be down because of internet connectivity, hardware, or other issues.

Trustgrid's EdgeNetwork can easily be added to AWS Transit Gateway to deliver on-premise connections with 99.9% uptime SLAs leveraging high-availability clustering, automated failover and disaster recovery over public internet connections.

Connect To Multiple Organizations

Network connections between organizations can be challenging due to networking complexity and shared management responsibilities. Frequently referred to as third-party connections or vendor connections, these connections must meet more rigid security and compliance standards.

Additionally, when establishing connections between multiple organizations, a Transit Gateway enabled network and a customer network may use the same internal IP addresses. Trustgrid easily untangles these overlapping subnets (RFC 1918) by enabling application providers to intuitively configure NAT from our cloud portal without advanced networking knowledge.

Trustgrid enables integrations of management tools (SNMP, syslog, NetFlow) to both organizations simultaneously. The Trustgrid Management Portal supports domain-wide and site-specific permissions and audit logs can be easily shared with other users or made available to applications via an API.

Streamline Deployments

Historically, deployment of any network connection into new environments is difficult. Connecting cloud applications to customer environments depends on the customer’s IT staff, network configuration, and security policies.

Trustgrid integrates directly with Transit Gateway and leverages software deployed on flexible x86 hardware, zero-touch configurations, and firewall friendly TLS tunnels to install easily in environments with variable IT skill sets, network and security configurations.

Network Device Management

Managing hundreds or thousands of connections and devices is a cumbersome task. Security patches and updates often have to be applied both manually and individually. Monitoring, configuration and change management become massive burdens at scale.

Trustgrid automates many device management tasks including patching/updates, authentication, and support. The Trustgrid Management Portal provides centralized visibility and control for monitoring, troubleshooting, and maintaining connected network devices.

When paired with AWS Transit Gateway, Trustgrid provides a singular view of all network end points and their status from a single pane of glass.

Learn more about Trustgrid and AWS Transit Gateway at www.trustgrid.io/aws-transit-gateway

