Connection
we solve IT

Connection Advanced Virtual Networking Services

As organizations modernize their virtual infrastructure and adopt increasingly distributed application architectures, traditional VLAN and perimeter-based networking models can struggle to provide the security, isolation, and flexibility required to protect east-west traffic and support dynamic workloads. Connection's Advanced Virtual Networking Services provide software-defined networking, micro-segmentation, distributed firewalling, overlay networking, virtual routing, and load-balancing capabilities across platforms such as VMware NSX, Nutanix Flow, and Microsoft SDN. By extending networking and security directly into the virtualization layer, organizations can enforce granular workload-level policies, reduce reliance on physical network segmentation, optimize traffic, and build more secure, scalable, and agile virtual environments.

Customer Benefits of Advanced Networking Services

Connection helps your organization fully leverage advanced software-defined networking and security capabilities by simplifying design, deployment, and integration with your existing virtual and physical infrastructure. Whether implementing micro-segmentation, modernizing network architecture, or extending security controls deeper into the virtualization layer, our specialists help you to realize the full potential of virtual networking technologies. Some key highlights and benefits include:

- **Strengthen East-West Security with Micro-segmentation:** Apply centralized, granular security policies directly between virtual workloads using distributed firewalling, helping restrict lateral movement of compromised workloads—thus limiting their potential impact without relying solely on physical firewalls or VLAN based segmentation.
- **Increase Network Agility with Software-defined Networking:** Use overlay networks, virtual routing, logical segmentation, and other software-defined services to create flexible network architectures that can adapt more quickly to application and infrastructure requirements without extensive changes to the underlying physical network. East-west traffic scales horizontally, and dependence on VLANs and physical Layer-2 domains is reduced.
- **Simplify Application Delivery and Workload Mobility:** Leverage virtualized networking capabilities (such as load balancing, routing, policy-based traffic controls, and automated provisioning) to deliver application services closer to workloads and allow networking to become part of VM/application deployment. Additionally, disaster recovery is simplified as virtual networks make site-to-site workload failover more readily achievable.

Connection Advanced Virtual Networking Professional Services

- **Advanced Virtual Networking and Micro-segmentation Services:** Connection provides design and implementation services for software-defined networking and security across VMware NSX, Nutanix Flow, and Microsoft SDN environments. Our engineers help organizations deploy overlay networks, virtual routing, logical segmentation, load balancing, distributed firewalling, and workload-level micro-segmentation while integrating with existing physical network infrastructure.

Why Advanced Virtual Networking?

Traditional network security often relies on VLANs and perimeter firewalls, leaving east-west traffic between virtual workloads with limited protection. Advanced virtual networking extends networking and security directly into the virtualization layer, enabling organizations to create flexible logical networks and enforce security policies closer to the workloads they protect. This provides greater isolation, agility, and control without requiring every network boundary to be implemented in the physical infrastructure.

Micro-segmentation and Distributed Firewalls

Apply granular security policies directly between workloads, helping restrict unnecessary traffic traversal through the physical network—especially for east-west traffic. Policies can be aligned with applications and workload groups rather than relying on physical network boundaries.

Software-defined Network Services

Extends networking capabilities into the virtualization platform through overlay networks, virtual routing, load balancing, NAT, and logical segmentation, enabling a policy-driven, portable, automation-first approach.

Why Connection?

Connection offers products, technical expertise, services, and solutions to help your business adapt to the ever-changing technology landscape. Connection designs and deploys infrastructure solutions tailored to your unique business needs, enabling you to optimize spend while enhancing agility.

Contact your Connection Account Team for more information.

1.800.998.0067
www.connection.com/services

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