Network Services

Elite IT Experts

About Us

To be an Ineapple engineer one must have 10+ years of IT experience and have at least 2 active expert IT certifications from the list below.

ineapple.com/service

Data Center

LAN Fabric	DCI	Hybrid Cloud	DMZ	Internet BGP
• Cisco ACI	• ACI Multi-site	• Azure ExpressRoute	• Micro-segmentation	• Two+ Carriers
• VMware NSX	• EoMPLS	• AWS Direct Connect	• Rule Automation	• Active/Active
• Juniper Contrail	• VPLS	• Hybrid Cloud VPN	• Migration	• DDOS protection
• EVPN/VXLAN	• Cisco OTV	• Cloud Architecture	• Rule Optimization	• iBGP Architecture
• VPC	• VXLAN			
• Arista CloudVision	• HPE EVI			

Our Background

We've spent decades learning, improving, and perfecting data center technologies.

Our team of experts have been designing and implementing data center technologies for services you use every day. If you swipe a credit card, stream a video, upload a photo into the cloud, purchase something online, check your credit card balance, or talk on the phone, chances are you have used a service that was designed or implemented by one of our team members. We can provide the same service directly to you.
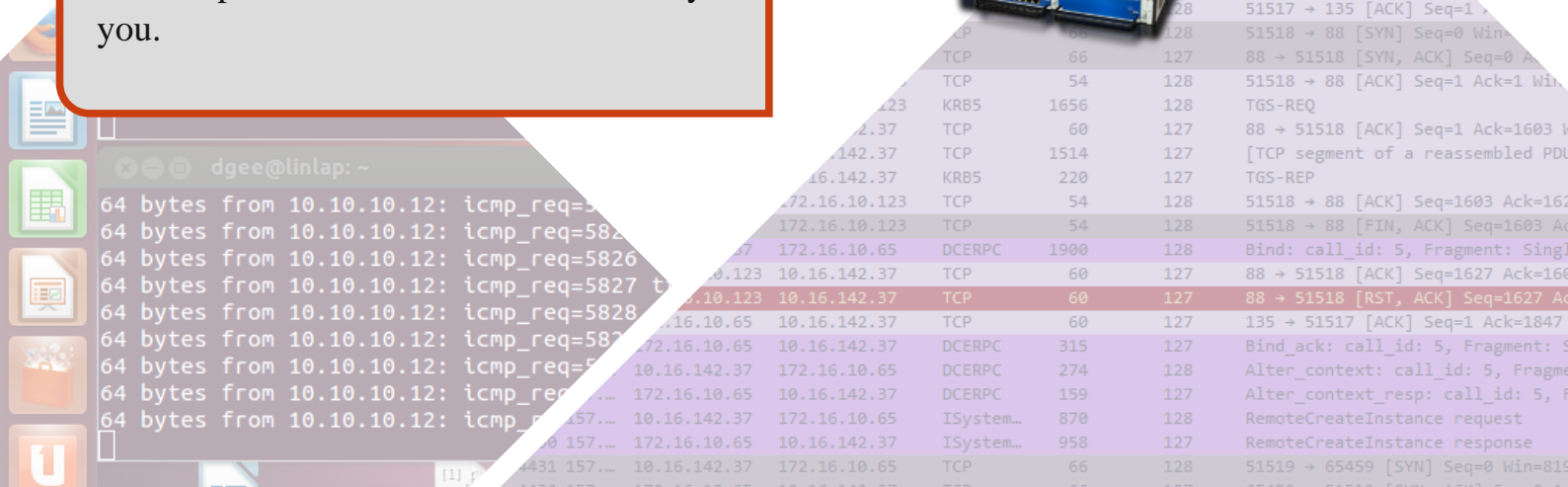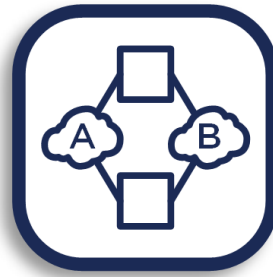
High Availability

Is your network infrastructure redundant? What happens when a link or a device fails?

We will review your network infrastructure design and implement any necessary changes to get the best up-time available from your infrastructure.

Advanced Troubleshooting

Are you familiar with the term "Network hiccup"?

This usually means that there are undiagnosed and ongoing issues that exist on your network. We will help you identify and resolve any network related problems.

Performance Improvement

You can get more bandwidth and throughput in your infrastructure by adjusting the configuration of you network devices. Let us help you identify potential performance improving scenarios and provide a clear path to get there.

Multicast

Multicast is no longer a technology only used by financial companies to distribute stock prices. Today, multicast is used in WAN, Data Center Interconnect, LAN Fabrics, high performance applications, video and audio distribution and many more.

It is crucial to have a solid multicast foundation in your network.

We will design and implement multicast solution that best fits your requirements, including rendezvous point redundancy for BiDir or ASM and optimized routing for SSM.
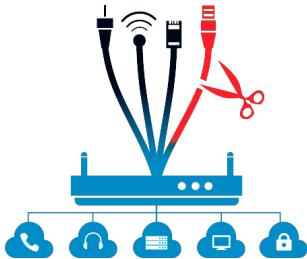
Fast Network Failover

How quickly should you recover from a network failure?

We will help you find the right balance between meeting your enterprise SLAs and cost. We will provide you with all acceptable options including configuration only improvements, new technologies, and alternate hardware options.

WAN Technologies

Whether you need a simple WAN design, multi-provider WAN with MPLS, manage your own MPLS, or SD-WAN solution, we can design, deliver, and support your WAN.

Our WAN portfolio consists of a variety of vendors and technologies such as Cisco, Juniper, HPE, Riverbed, SilverPeak, CloudGenix, and VeloCloud.
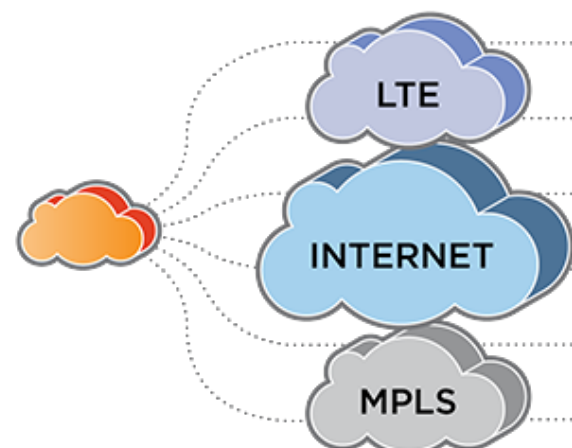
Quality of Service (QOS)

Networks transport a multitude of applications and data, including high-quality video and delay-sensitive data such as real-time voice. The bandwidth-intensive applications stretch network capabilities and resources, but also add value, and enhance every business process. Networks must provide secure, predictable, measurable, and sometimes guaranteed services. Achieving the required Quality of Service (QoS) by managing the delay, delay variation (jitter), bandwidth, and packet loss parameters on a network becomes the secret to a successful end-to-end business solution. All network devices support some form of QOS, Ineapple will optimize it to your requirements.

Line Rate 1Gbps

Customer-1 400Mbps
Cos-1
Cos-2
Cos-3
Cos-4

Customer-2 200Mbps
Cos-1
Cos-2
Cos-4

Customer-3 300Mbps
Cos-2
Cos-3
Cos-4

Wireless LAN

Offering Wi-Fi to your employees and customers is no longer just about a strong signal. Many Wi-Fi solutions exist to give your Wi-Fi more personality like providing custom portals, keeping track of your assets, bandwidth management, user management and many others. We will help you get the most out of your Wi-Fi solution or provide a better alternative.

Equipment Refresh

Technology has been growing at an exponential rate over the past 30 years. The downside of such massive growth is that most network devices have a maximum lifespan of 5-7 years. It is a huge undertaking to replace the entire network infrastructure every 5-7 years and most network teams will spend most of their time doing just that.

We can be your trusted partner for all your network refresh projects.

Ineapple does not partner with any network infrastructure OEMs. It is due to the lack of such partnerships we can provide a truly non-biased solution. After the best solution is determined, we will use our OEM Gold partners to get you the best price possible.

No Downtime Maintenance

Do you have a critical device in your network? The device that has not been rebooted in 5 years because it is too critical.

This is an indication that it is time to adjust your design. Any critical device should be able to fail with acceptable SLAs.

We will identify all the points of failure and provide short and long term solutions for all the connected devices. We also offer this service with minimal possible downtime.

Branch Networking

A network in a branch office has a different set of requirements. The traffic patterns are north and south. The design is more distributed. The network equipment is providing power for the smart devices. Users require mobility and security.

We will build your branch network from the ground up or fulfill these requirements individually while integrating into the overall architecture.

Virtual Private Networks

VPN exists in many varieties. VPN uses tunneling protocols such as PPTP, L2PT, SSL, IPsec, GRE, DMVPN, LISP, Remote VPN, Flex VPN just to name a few and sometimes these protocols are nested inside each other. It is especially challenging to navigate the options of VPN across vendor boundaries.

Engineers at Ineapple are subject matter experts in VPN technologies and will assist you with any VPN related project.