

Title:

Interpath Technologies Transactional Analysis Methodology For It Troubleshooting

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560

Summary:

During 11 years of troubleshooting high profile network & application performance issues across global enterprises up to 120,000 nodes--Interpath Technologies Corporation developed its specialized Network & Application performance Analysis methodology.

We have helped companies like IBM, ING-Direct & Lucent Technologies find Resolution for under-performing networks & applications.

Application & Network Performance Analysis requires Protocol Analysis tools, - Sniffer ®, E...

Keywords:

Sniffer, Wireshark, Application, Performance, Testing, Troubleshooting, Analysis, Network, TCP/IP

Article Body:

During 11 years of troubleshooting high profile network & application performance issues across global enterprises up to 120,000 nodes--Interpath Technologies Corporation developed its specialized Network & Application performance Analysis methodology.

We have helped companies like IBM, ING-Direct & Lucent Technologies find Resolution for under-performing networks & applications.

Application & Network Performance Analysis requires Protocol Analysis tools, - Sniffer ®, Ethereal ® WireShark ®. However, it adds advanced methodical troubleshooting processes to--standard Protocol Analysis techniques.

Application & Network performance Analysis addresses gathering & interpreting information required for diagnosing & troubleshooting network & application performance problems.

An Application or Network may under-perform for years - Application users & components in different geographical locations - Application possibly multi-

tiered.

Different IT departments convinced that the problem is not in their area.  
"Sniffing" skills alone--are inadequate.

Application & Network performance Analysis encompasses--all aspects of  
enterprise networking.

Application & Network Performance Analyst needs skills in interviewing, writing  
& diplomacy.

Interpath means flow of communication between all transaction components –  
Users, Servers, Switches, Routers, Operating Systems, Security devices, Database  
Protocol – anything involved in executing a network or application transaction.  
Trouble can be anywhere along an Interpath.

Troubleshooting all OSI model layers – using tools like Sniffer ®, Ethereal ®,  
WireShark ® – technical interviews with client Subject Matter Experts and more–  
Interpath Technologies maps -- how the application moves – between all its  
components – simultaneously. That is Interpath. Troubleshooting network &  
application performance is a process, not a tool.

Clear, technical documentation is critical to success.

Interpath Technologies presents results in technical & non-technical formats –  
including protocol analyzer screen shots, spreadsheets, drawings, narratives –  
explaining causes of application or network issues.

We provide the platform for all IT teams to agree upon a process of resolution.  
Our deliverable is factual and incontestable.

Leadership – guidance – project management – diplomacy – have been key  
components of our success – as well as protocol analysis skills. We coordinate  
our clients' Engineering Teams around the world – with our Analysts as focal  
points & primary diagnosticians.

Server Consolidation or Virtualization frequently creates unexpected results –  
servers come together – but move away from users or other components.

We diagnose global network application issues. We often work through  
bridge calls, WebEx ® or other remote media – enabling us to work with  
distributed teams simultaneously regardless of location. We provide on-site  
Network & Application Performance Analysts as needed.

Many client's have distributed versions of Sniffer ®, Ethereal ®, WireShark ®, or other Protocol Analysis tools in place. If not, we can provide them – or build them from Open-Source protocol analysis software. Engineers go to training classes to learn troubleshooting or Application Performance Tuning Techniques – receive 5 to 20 days of intense instruction – covering only a fraction of what is required – go back to their companies to solve serious problems – and often fail.

Tools like WireShark ®, Ethereal ® and Sniffer ® were not to blame – you can't become a Network & Application Performance Analyst in a few weeks. In addition to learning the prerequisite protocol analysis skills or tools like Sniffer ®, Ethereal ® WireShark® – many years of training, practice and experience are needed to learn how to map an Interpath--and create solid testing.

Learning how to handle power tools doesn't teach you how to build a house. WireShark ®, Ethereal ® Sniffer ® are power tools.

Training in these tools is important – yet inadequate for troubleshooting an enterprise network or application. Learning the OSI model and network protocol tools doesn't teach you to be a Protocol Analyst or Network & Application Performance Analyst.

Troubleshooting is a science--an art and a field of expertise--not a tool.

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