

Link-Solutions™ The Adaptable and Affordable Toolset for Network Connectivity Testing, Documentation and Reporting



Business Challenge

Many IT organizations trying to troubleshoot that age old problem “is it the Network or the PC” find the task of troubleshooting to be challenging. This can be attributed to not having the right tools or standardized methods across team members and often resort to swap and replace trial and error or rely on the old school method of laptop based troubleshooting. Unfortunately, those methods are not only time consuming, but they can't perform in-depth connectivity troubleshooting tests, and often results in no resolution to the problem. Particularly with laptop based troubleshooting that can't perform tests such as PoE level to ensure the device in question is receiving enough power to run, not to mention they are cumbersome, especially in tight spaces, up on ladders and then there is the size, weight and battery life to contend with.



Solutions

Technology has come a long way and NETSCOUT has been providing test solutions for decades. After working with hundreds of thousands of customers across an expanse of every vertical industry imaginable, we've got the task of connectivity testing down to a science so give it a try and see how your peers are getting the job done faster and easier with Link-Solutions.



Link-Solutions™ Overview






Link-Solutions is a complete product offering that can be scaled based on network sophistication and skill level. Our goal was to keep the workflow simple yet powerful and flexible such that organizations can outfit users of varying skill level with a standardized process for network verification and troubleshooting – the right tool for the job. The result is greater workforce enablement at a price point every IT budget can support.

Link-Solutions is comprised of hand-held test and cloud based reporting. On the hand-held test side LinkSprinter and LinkRunner AT perform varying levels of testing capability but both offer completely automated reporting to the same Link-Live Cloud Service. Within the Link-Live Cloud Service dashboard you'll see every test appear on the dashboard as it occurs providing better job visibility and project control as you can easily keep track of who is testing what, where and when.



The Right Tool for the Job

Here's how the depth of test breaks down between LinkSprinter and LinkRunner AT. Be sure to understand which models within each LinkSprinter and LinkRunner AT family offer the specific capabilities you need to customize a toolkit that supports your unique requirement.

FEATURES BY MODEL	    				
	LinkSprinter 100	LinkSprinter 200	LinkSprinter 300	LinkRunner AT 1000	LinkRunner AT 2000
Diagnose and test Power over Ethernet (PoE), Link to the switch, DHCP, Gateway, and Internet connection	X	X	X	X	X
Get VLAN, switch name, and port information via CDP/LLDP/EDP for your managed switches	X	X	X	X	X
Proxy support		X	X	X	X
Local User Interface	NA	Phone	Phone	LinkRunner	LinkRunner
See cable fault and distance to open or short			X	X	X
Flash switch port			X	X	X
Toning (Analog and IntelliTone)				X	X
802.1x Support				X	X
Configurable PoE class				X	X
Configurable VLAN ID				X	X
TruePower PoE load (25.5W)					X
100/1000 Fiber SFP interface					X
Link rate reflector					X
IPv6 Support					X

Managing test results is often time consuming and cumbersome, leaving many organizations to just go without or when documentation does occur, it's inconsistent, ad hoc and may contain erroneous or missing results, which provides no value to the business.

Welcome to Link-Live Cloud Service, a centralized management, collaboration and archival workspace for network connectivity test results from NETSCOUT's hand-held network testers. Test results are automatically sent to your secure Link-Live cloud account, providing organizations with a newfound ability to quickly and easily document their network, provide proof of performance and better manage jobs and staff efficiency. In addition, an e-mail of every test result is sent as it occurs, allowing the technician to annotate information about the test and even attached a photo. That annotation is then automatically added to that record in Link-Live, creating a very in-depth understanding as to the performance of each link and mapping endpoint images (wall jacks, devices, serial numbers) directly their switch slot and port.

Time	Test	PoE	Link	Switch	DHCP	Gateway	WWW
Aug 06, '14 Wednesday 3:18:43pm	Name: James @ Desk - S60011 MAC: 00C017-860011 Device: LinkSprinter Folder: US/Utah Images: Comments:	80v	Speed: 1000 Adx Speed: 10/100/1000 Duplex: FDX Adx Duplex: HDX/FDX RX Pair: All Polarity: Normal	Name: RackSW1.fnet.eng Type: CDP Model: WS-C3750G-24PS IP/MAC: 010.250.001.007 Port: GigabitEthernet1/0/11 VLAN: 500	IP: 10.250.1.158 Server: 10.250.0.2 Subnet: 255.255.254.0 DNS1: 10.250.1.221 DNS2: 129.196.196.25	IP: 10.250.0.1 PING (ms): 4, 3, 5 Public IP: 74.202.20.243	URL: www.google.com Type: TCP IP: 74.125.20.103 Port: 80 Time (ms): 41, 41, 40
Aug 06, '14 Wednesday 3:17:59pm	Name: James @ Desk - S60011 MAC: 00C017-860011 Device: LinkSprinter Folder: US/Utah Images: Comments:	80v	Speed: 1000 Adx Speed: 10/100/1000 Duplex: FDX Adx Duplex: HDX/FDX RX Pair: All Polarity: Normal	Name: RackSW1.fnet.eng Type: CDP Model: WS-C3750G-24PS IP/MAC: 010.250.001.007 Port: GigabitEthernet1/0/11 VLAN: 500	IP: 10.250.1.158 Server: 10.250.0.2 Subnet: 255.255.254.0 DNS1: 10.250.1.221 DNS2: 129.196.196.25	IP: 10.250.0.1 PING (ms): 4, 3, 29 Public IP: 74.202.20.243	URL: www.google.com Type: TCP IP: 74.125.20.147 Port: 80 Time (ms): 41, 41, 40
Aug 06, '14 Wednesday 3:12:32pm	Name: James @ Desk - S60011 MAC: 00C017-860011 Device: LinkSprinter Folder: US/Utah Images: Comments:	80v	Speed: 100 Adx Speed: 10/100 Duplex: FDX Adx Duplex: HDX/FDX RX Pair: 1,2 Polarity: Normal	Name: RackSW1.fnet.eng Type: CDP Model: WS-C3750G-24PS IP/MAC: 010.250.001.007 Port: GigabitEthernet1/0/11 VLAN: 500	IP: 10.250.1.158 Server: 10.250.0.2 Subnet: 255.255.254.0 DNS1: 10.250.1.221 DNS2: 129.196.196.25	IP: 10.250.0.1 PING (ms): 4, 3, 3 Public IP: 74.202.20.243	URL: www.google.com Type: TCP IP: 74.125.20.104 Port: 80 Time (ms): 40, 40, 41
Jul 29, '14 Tuesday 9:29:52am	Name: fred MAC: 00C017-520149 Device: LinkSprinter Folder: US/Utah Images: Comments:	8v	Speed: 100 Adx Speed: 10/100 Duplex: FDX Adx Duplex: HDX/FDX RX Pair: 3,6 Polarity: Normal	Name: COS_DEV_SW1.fnet.eng Type: CDP Model: WS-C3750G-48PS IP/MAC: 010.250.000.002 Port: GigabitEthernet2/0/6 VLAN: 500	IP: 10.250.1.165 Server: 10.250.0.2 Subnet: 255.255.254.0 DNS1: 10.250.1.221 DNS2: 129.196.196.25	IP: 10.250.0.1 PING (ms): 5, 4, 10 Public IP: 74.202.20.243	URL: www.google.com Type: TCP IP: 74.125.20.147 Port: 80 Time (ms): 40, 41, 40
Jul 29, '14 Tuesday 9:28:52am	Name: fred MAC: 00C017-520149 Device: LinkSprinter Folder: US/Utah Images: Comments:	8v	Speed: 100 Adx Speed: 10/100 Duplex: FDX Adx Duplex: HDX/FDX RX Pair: 3,6 Polarity: Normal	Name: COS_DEV_SW1.fnet.eng Type: CDP Model: WS-C3750G-48PS IP/MAC: 010.250.000.002 Port: GigabitEthernet2/0/6 VLAN: 500	IP: 10.250.1.165 Server: 10.250.0.2 Subnet: 255.255.254.0 DNS1: 10.250.1.221 DNS2: 129.196.196.25	IP: 10.250.0.1 PING (ms): 2, 3, 1 Public IP: 74.125.224.176	URL: www.google.com Type: TCP IP: 74.125.224.176 Port: 80 Time (ms): 40, 41, 40

Link-Live Cloud Service

Link-Live provides important test results management and reporting capabilities, at no additional charge to select Hand-held network test tools (LinkSprinter, LinkRunner, AirCheck G2). It provides greater job visibility, project control, and fleet management for larger distributed environments.

Link-Live Cloud Service Features:

- ✓ Complementary, no annual service fees
- ✓ Supports all models of LinkSprinter, LinkRunner, and AirCheck G2
- Manage, sort and analyze test results
- Filter results by time, user, network device, errors, instrument, and more
- Add comments or photos to any test result
- Automatic filing of tests into specific folders
- Proxy support
- Buffer up to 10 test results

For more info, visit us at: www.link-solutions.com