AppNeta
by Broadcom Software

WHITE PAPER

IDENTIFYING WORK FROM ANYWHERE

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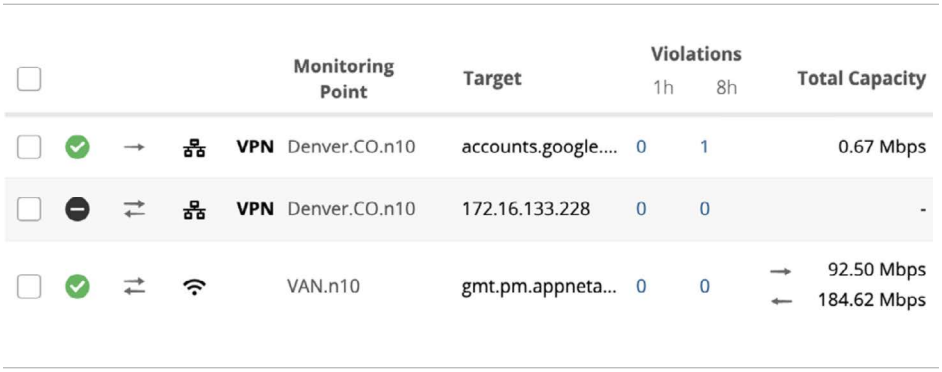
Connectivity is crucial in the office and at home for hybrid workers. While office connections are wired or carefully planned access point meshes, home networks are plagued with inefficiencies. With Work from Anywhere (WFA), users can and will be changing between office and home locations far more frequently. Looking forward to a hybrid enterprise, IT requires better insight to deal with end-user performance at scale to avoid spending IT resources simply trying to understand what the end-user network connectivity looks like.

To help reduce the mean time to resolution for issues stemming from WFA employees, AppNeta by Broadcom Software has enhanced the Network Path List page to include indications as to the connectivity type of each path.



		Monitoring Point	Target	Violations 1h	Violations 8h	Total Capacity
VPN	Denver.CO.n10	accounts.google....	0	1		0.67 Mbps
VPN	Denver.CO.n10	172.16.133.228	0	0		-
	VAN.n10	gmt.pm.appneta...	0	0	→	92.50 Mbps
					←	184.62 Mbps

INSTANT VPN VISIBILITY

VPN issues can be widespread and affect many users in a region. Isolating issues quickly is essential for maintaining productivity of remote users. To help isolate problems that can stem from VPN connectivity status, AppNeta has included an icon to allow IT to rapidly identify if users are connected via VPN for each network path. VPN visibility is delivered on a per-path basis, allowing for granularity even in split-tunneling environments.

ENHANCED WIFI DETAILS

With WFA, understanding whether or not users are wired or wireless can be critical to identifying the root cause of performance issues, speeding up triage, and ultimately deciding if your enterprise needs to mandate

ENHANCED WIFI DETAILS (CONTINUED)

wired connections when possible. Knowing when a user is on WiFi is sometimes enough to identify who in an IT organization can help solve a problem.

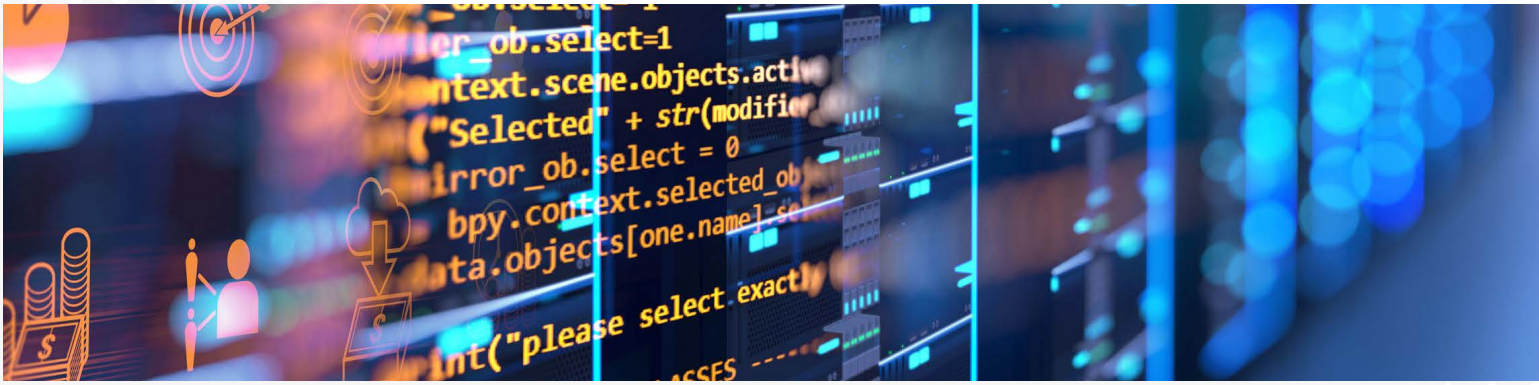
QUICK INSIGHT WITH WIRELESS DETAILS

While some of our enterprise customers have begun to mandate wired connections before IT teams will engage in fixing issues, wireless metrics can help identify end-user experience issues like signal changes, channel flapping, congestion, and other common WiFi issues. Connection events are clearly indicated in the Events chart to show any connection changes for individual users within an environment.

Get insight into the protocol in use, SSID, BSSID, channel, and security details.

TRENDING INSIGHTS WITH WIRELESS CHARTS

Correlate wireless network metrics with the timeframes reported with users to easily identify when issues began to help get to the bottom of bad performance. From quality to speed and congestion metrics, AppNeta makes it easy to get to the bottom of WiFi issues through the Workstation Monitoring Point deployed to user devices.



TRENDING INSIGHTS WITH WIRELESS CHARTS *(CONTINUED)*

Signal Quality — the wireless signal quality as a percentage.

Link Speed — the bandwidth available on the wireless interface when the client has the channel. It does not indicate actual data flow. It is the most comprehensive indicator of all factors affecting the raw bit rate of your wireless connection.

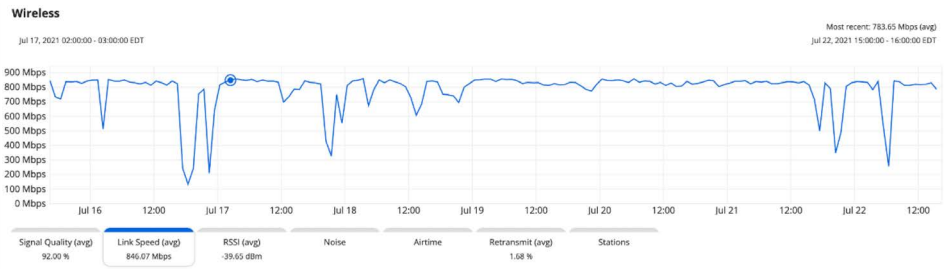
RSSI — the measurement of the power present in the received radio signal.

Noise — the noise level indicates the amount of background noise in the received radio signal.

Airtime — the percentage of time allocated to wireless transmissions for all stations on the connected wireless network, as reported by the Access Point (802.11k required).

Retransmit — the percentage of frames sent that needed to be retransmitted one or more times before succeeding (if wireless driver supports).

Stations — the number of devices currently connected to the wireless network (802.11k required).



Request a demo today to learn more about AppNeta's 4-Dimensional approach to network performance monitoring.

BROADCOM SOFTWARE

About Us

Broadcom Software is one of the world's leading enterprise software companies, modernizing, optimizing, and protecting the world's most complex hybrid environments. With its engineering-centered culture, Broadcom Software is building a comprehensive portfolio of industry-leading infrastructure and security software, including AIOps, Cybersecurity, Value Stream Management, DevOps, Mainframe, and Payment Security. Our software portfolio enables innovation, agility, and security for the largest global companies in the world.

For more information, visit our website at: software.broadcom.com