



Paolo Silva

Network Administrator

Network administrator with 6 years of experience monitoring and optimizing LAN/WAN environments spanning up to 173 devices across multiple sites using SolarWinds, Nagios, and BGP. Reduced round-trip latency by 33.6% on an inter-site WAN backbone by tuning QoS queues and reallocating bandwidth for VoIP traffic. Holds a Junos, Associate credential from Juniper Networks.

CONTACT INFORMATION

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EDUCATION

- B.S. IN INFORMATION SYSTEMS I**
UNIVERSITY OF NEVADA, RENO,
RENO, NV | 2016 - 2020

KEY SKILLS

- SolarWinds
- Nagios
- BGP
- SNMP
- VPN Configuration
- LAN/WAN Administration
- Juniper Firewalls
- Palo Alto Firewalls
- Active Directory
- VXLAN
- Windows Server

PROFESSIONAL EXPERIENCE

NETWORK ADMINISTRATOR I CARSON BASIN IT SERVICES, FALLON, NV | 2023 - PRESENT

- Monitor 173 network devices including switches, access points, and firewalls using SolarWinds and SNMP polling across 4 regional office sites.
- Decreased average network latency from 38 ms to 21 ms by redesigning BGP route policies and replacing 3 congested uplinks with dedicated fiber segments.
- Automated weekly configuration backups and compliance reports, recouping 7 hours of admin work per month previously spent on manual exports.
- Recommend and document hardware and software changes for network upgrades, maintaining repair records and change logs for 9 VLANs and 2 data closets.

NETWORK ADMINISTRATOR I LAHONTAN VALLEY COMMUNICATIONS GROUP, FERNLEY, NV | 2021 - 2023

- Monitored 114 network devices across a WAN spanning 3 buildings, using Nagios dashboards to track link health and flag threshold breaches within 4 minutes.
- Reduced round-trip latency by 33.6% on the inter-site WAN backbone by tuning QoS queues and reallocating bandwidth for VoIP traffic.
- Diagnosed and resolved hardware faults on defective switches and access points, maintaining a spare-parts inventory valued at \$16,740 for rapid replacement.
- Recouped 11.05% of weekly admin time by scripting bulk port-security updates across 68 switch interfaces, cutting a 90-minute task to 19 minutes.

JUNIOR NETWORK ADMINISTRATOR I STILLWATER RANGE DATA SOLUTIONS, FALLON, NV | 2020 - 2021

- Maintained daily logs for 64 network devices, recording firmware versions, port statuses, and link errors in a shared documentation system.
- Reduced average WAN latency by 22.05% after recommending a split-tunnel VPN configuration that offloaded non-critical traffic from the primary link.
- Troubleshoot Layer 2 and Layer 3 connectivity issues for a 160-seat office, replacing defective NICs and patch cables within 45 minutes of each reported fault.

CERTIFICATIONS

- Junos, Associate, Juniper Networks | 2024