

FABIAN ESCALONA

Network Engineer

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Winter garden, Florida



SUMMARY

I express myself effortlessly to present my ideas, I am a person who seeks continuous improvement in technology and processes. I specialize in network infrastructure from lower layers such as physical connections to more abstract layers of virtualization of services, I have also developed in cybersecurity on penetration testing and threat mitigation, I am recognized for my management and dedication to each project, I believe in the teamwork, unification of goals and professional improvement.

EXPERIENCE

Senior Network Engineer

Grupo Errazuriz

07/2019 - Actual Santiago, Chile

Grupo Errazuriz is a business holding made up of multiple companies from different fields and more than 1500 users, my responsibility lies in the operability of the entire network infrastructure and cyber security

- Cyber threat mitigation through behavior-based security policies
- VOIP, MPLS, WAN, LAN monitoring and troubleshooting and Cybersecurity
- Documentation of the internal network with reports, plans and connectivity diagrams, ITIL methodology and process creation
- Delivery of performance reports, supplier analysis and continuous improvement in the correct development of the department
- Communication project development

Network infrastructure consultant

Independent

12/2016 - 03/2019 Carabobo, Venezuela

The independent consultant of network infrastructure in charge of designing service strategies for SMEs and developing companies.

- Configure, manage and evaluate multi protocol network elements to ensure effective end-to-end communications
- Monitor network performance and capabilities as well as diagnose and resolve complex network problems
- Collaborate in the implementation and maintenance of Routers, switches, Firewalls and optimization of WAN resources
- Analyze and produce recommendations on the continuous improvement of the networks

CERTIFICATION

Cisco Certified Network Professional CCNP ENCOR

Currently studying

Cisco Certified Network Associate CCNA

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MikroTik Certified Network Associate MTCNA

MikroTik

EDUCATION

Network and communications engineer

Technological University of the Center (UNITEC)

07/2010 - 12/2015
Venezuela

GPA

17 / 20

COURSES

Fortinet NS4

Currently studying

Ethical Hacking

Penetration tests

IPV6 PROTOCOL

Infrastructure implementation with IPV6

PALO ALTO NGFW ADMINISTRATION

Administration, configuration and troubleshooting on Palo Alto platforms

ITIL V4

ITIL V4 methodology course

EXPERIENCE

QC Analyst

ZT System

06/2016 - 12/2016 New Jersey, USA

ZT System is a computer hardware production company, focused on creating servers for clients such as Facebook, Google, Apple and Amazon, as part of the equipment quality control team, my tasks focused on stress testing and configuration of servers.

- Monitor product standards and quality control programs
- Ensuring that the products were assembled at the correct time and meeting the standards
- Determine if maintenance is needed and assign repair employees to equipment
- Inspect Rack Router Configuration
- Document and execute detailed stress test plans

Jr Consultant

Dignet Sistemas

02/2015 - 04/2016 Carabobo, Venezuela

Dignet is a network infrastructure consulting services company, focused on Cisco interconnection solutions

- Plan and design network systems projects
- Analyze existing systems and promote more efficient processes
- Maintain clients' servers, cabling, computers and printers
- Configure and troubleshoot routing and switching protocols including STP, OSPF, EIGRP
- Acquire new knowledge in IPV6 and SNMP

LAST PROJECTS

SD-WAN Implementation

2020 - 2021 Santiago, Chile

Design and development of SD-WAN solution for each of all 66 branches around the country

- We slowly cut off the MPLS link cost to zero, and we take autonomy from the network
- Consolidating the entire firewall line up on a platform like Forticloud gives us a broader vision of the network and with faster converged time
- More robust line of redundancy with SLA for monitoring the performance of the network

Wireless Interconnection

2020 - 2021 Marchihue, Chile

Design and development of wireless links between remote branches including scheme physical and logical

- We were able to connect five different branches in remote sites without an ISP, reducing the cost of satellite links

FORTALEZAS

Analytical thinking

Due to all the possible impacts that changes in the network can generate

Communication skills

Experience with face-to-face with customers in previous roles while providing customer satisfaction

Solving complex problems

Implementing new technologies you run into unique problems

Objective focus

To meet deadlines, you must prioritize your tasks

Translate ideas

By delivering annual plans to non-technical executives without leaving any doubt unresolved

LANGUAGES

English

Fluent

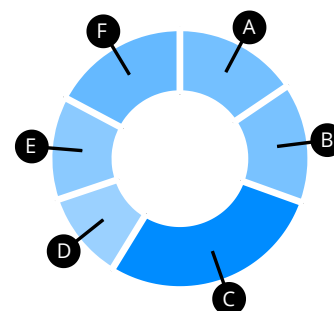


Spanish

Native



MY WORK DAY



- A Investigation
- B Brainstorming
- C Support
- D Testing labs
- E Threat mitigation
- F Break

LAST PROJECTS

Zabbix Implementation

📅 2021 - 2021 📍 Santiago, Chile

Implementing Zabbix as a solution of network monitoring with SNMP

- Replacing an old system Centreon with zabbix, to unify all the components of the network in one platform
- Enhance notification for network problems

Continuous improvement procedures

📅 2019 - 2021 📍 Santiago, Chile

Creation of new protocols for data analysis and continuous improvement

- Unification of data monitoring and analysis resources to define actions regarding operability, availability and network connection problems

Zero Trust Implementation

📅 2020 📍 Santiago, Chile

Zero trust topology adaptation for internal and public systems

- Savings of up to 20% in response time to external threats through behavior-based security rules

Creation of virtual environments

📅 2019 - 2020 📍 Santiago, Chile

Design and implementation of virtual environments based on Hyper-V for migration of critical services

- As a result, we obtained a 12% increase in the availability of resources, and we were able to establish a fault-tolerant structure while saving 25% of the CAPEX of the 2020 budget

Corporate network expansion

📅 2019 📍 Santiago, Chile

Total change of routing, servers and VoIP services in an extensive network with branch offices in remote areas

- After the reorganization of the network segments, we can implement monitoring systems that reduced the response time of connection incidents by 70%
- The new service guarantees a more secure network for users

PLATFORMS

Network

CISCO

HP

UBIQUITI

MIMOSA

MIKROTIK

Virtualization

VMWARE

HYPER-V

XEN ORCHESTRA

GNS3

EVE-NG

Security

PALO ALTO

FORTINET

CISCO

VoIP

AVAYA

NORTEL

CISCO

GRAND STREAM

Others

VISIO

ZABBIX

NET DATA

WINDOWS

LINUX

CENTREON

MOST PROUD



SD-WAN Implementation

As the project leader, it took me hours of concept tests in the laboratory and several pilot tests to show that the solution is viable and that it can generate considerable cost savings in minor time.



Zabbix Implementation

Although technically not a challenge, managing to unify all the components of the network in one platform is really satisfactory.



Constant development

One of the things I am most proud of is my constant desire to continue learning