Gökşin Enki

Network&System&Security Administrator

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Nilüfer Bursa / TURKEY

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Websites : goksinenki.com.tr - github.com/goksinenki (My Python Scripts)

AREAS OF INTEREST

- Linux/Unix Systems, Hacking&Security, High Available Systems, Open Source Apps and Softwares, Network & Security Operations Automation, Virtualization, Outdoor Long Range Wifi Technologies, Docker, KVM, Troubleshooting
  Especially in Turk Telekom I am fully working on (BigIP F5 Load Balancer, Citrix Netscaler Load Balancer, Cisco, Arista, PHPIPAM Automations with Python & PHP, Troubleshooting on Web applications)

QUALIFICATIONS AND PROFESSIONAL EXPERIENCES BY SUBJECTS
(For more details please check the working experience part below)

DATACENTER (>10 yrs)
Datacenter Installations, Datacenter Migrations, Datacenter Planning/Design, Datacenter Operations and Monitoring, NOC Operations…etc

NETWORKING (>10 yrs)
Cisco Switch & Routers (4500 Series, 3850,2960S/X/XR Model Switches and 3945,3845,2921 Model Routers…etc)
Cisco Nexus Switches (1000 Series, 5000 Series, 7000 Series)
Cisco Wireless Controller (2500,5500 Series)
Access Points (1041,1602,3702,2802…etc)
Mikrotik Routerboard
Dell Switches (S4048)
Huawei Switches
Cloud Hosted Router (CHR Mikrotik)

OPERATING SYSTEM (>10 yrs)
Centos, Debian, Ubuntu, Redhat, FreeBSD, OpenBSD, IOS, NX-OS, Suse, Mint, Pardus, RouterOS, OpenWRT

NETWORKING PROTOCOLS (>10 yrs)
CDP, LLDP, STP, LACP, Port Channel, Ether Channel, VPC, VSS, Stacking, VRRP, Vxlan, QINQ, Bonding, BGP, OSPF…etc

FIREWALLS/IPS/IDS (>10 yrs)
Fortigate (3240C,1900D,1500D,80E…etc)
Checkpoint (Gaia R77.10/30, R80.10…etc), Threat Emulation, Threat Prevention, Identity Awareness, Application/URL Filtering, Compliance, Tuffin, Mikrotik Firewall, Iptables, Shorewall, ConfigServer Firewall

LOAD BALANCER (>10 yrs)
Nginx, HA Proxy, BigIP F5

WEB SERVER (>10 yrs)
Nginx, Apache, LiteSpeed
IIS (Internet Information Service)

BANDWIDTH OPTIMIZER (>10 yrs)
RiberBed, Allot

AUTHENTICATION (>10 yrs)
NAC (Network Access Control)
Cisco ISE (Identity Secure Engine)
FreeRadius, SSLVPN, Google Authenticator,
Fortigate Authenticator, SMS,
LDAP (OpenLDAP, Microsoft Active
Directory,Samba…etc)

MAIL SERVER (>10 yrs)
Merak Mail Server, Qmail, Postfix, Exim,
Zimbra, Exchange

DNS SERVER (>10 yrs)
Bind, Named, PowerDNS, SimpleDNS Plus,
Microsoft DNS, Azure DNS, AWS Route 53

NETWORK MONITORING (>10 yrs)
SolarWinds, Nagios, Zabbix, Whats Up Gold,
Mikrotik Dude, Nedi, Cisco Prime, HP BSM
Openview, Cacti, Netflow, Observium, Nfsen

CLOUD (>1 yrs)
Amazon AWS, MS Azure, LeaseWeb, Contabo,
Docker, Containers, Kubernetes

DATABASE (>10 yrs)
MySQL/MariaDB, PostgreSQL, Kibana/Elastic
Search, Microsoft SQL, MongoDB, Oracle

VIRTUALIZATION (>10 yrs)
OpenVZ (HyperVM), Parallels Virtuozzo
Containers, ESXi (Vmware), Proxmox (KVM),
XEN, Hyper-V, Docker

SERVICE DESK (>10 yrs)
CA Service Desk
Service Now
Kayako Ticket System

SYSLOG / SIEM (>10 yrs)
Kiwi
Syslog Watcher
QRadar
Kibana + ElasticSearch + Logstash

HOSTING CONTROL PANEL (>10 yrs)
CPanel
Directadmin
Parallels/Odin Plesk Panel

WIRELESS (>10 yrs)
Cisco
Aruba
Ruckus
Mikrotik Netmetal
Ubiquiti (Ubnt - Unifi)

SECURITY (>10 yrs)
Kali Linux, Backtrack, Burp Suite, Brute Force,
Sniffing, Hacking, Sql Injection, Cross Site
Scripting, Meterpreter, Zero Day, ExploitDB,
Golden Eye, Metasploit, Crunch, Empire, Ddos

PROGRAMMING LANGUAGE (>10 yrs)
Python (Windows/Linux)
PHP
Shell (Bash)
Perl

EXPERIENCES SUMMARY

About My Linux Experience

I have over 10 years Linux/System Administration experiences at ISP/Hosting Providers (Datacenters). I think that I am an expert at Linux and Open Source.
I have worked with all Linux distros, installed, configured and managed hundereds of Open Source Applications and also I have worked with different virtualization technologies.
I have worked with over 1,000 of servers and over 10,000 of web applications. (Mostly CMS like Wordpress, Joomla, Drupal, Opencart...etc)
I have managed web servers, proxies, database servers, mail servers and lots of others.
I have provided technical support for all customers mostly software developers and software companies.
I have enough knowledge about todays popular subjects like Docker, Ansible (Playbooks), Openstack, CI/CD tools like Gitlab and orchestration tools like Kubernetes I have done lots of POCs and tests before but I did not work with them in production environment. It is not difficult for me to adopt quickly.
So, I can work as Linux System Admin / Sysops / Devops Engineer.
I can install, configure, manage and support any open source or Linux system if I can find a document about it on the web.

There is an assessment and my task report in the URL below you can learn more about my Linux knowledge

https://drive.google.com/drive/folders/1RV0oUyx6pBhyKWN8pBRkXK5dud4qoyj1?usp=sharing

About My Datacenter Networking&Security Experience

I think that I am an expert at Datacenter Networking and Security Operations.
I have over 10 years Network&Security Administration experiences at a multinational company Fiat FCA Group, I have installed, configured, managed and support 3 datacenters, Cisco Nexus and Catalyst Switches, Checkpoint and Fortigate Firewalls, Cisco ISE, WLC, F5 Load Balancers, Riverbeds…etc.
I have managed over 1,000 of network&security devices.
Also, I have my own firewall, load balancer, proxy, logging, troubleshooting, network monitoring and anti-spam solutions that I have developed from open source systems.
For SDN and Cisco ACI, I have enough knowledge about them and how they are working.
I have Cisco Prime, DCNM, ISE (Identity Services Engine), Linux, Python...etc and all other Cisco Software experiences at expert level so it's easy for me to adopt SDN or ACI just in a few weeks.

You can find my network&security certs and more certificates at the URL below

https://drive.google.com/drive/folders/1Js2OkewwyijYBdg066IyfVn6sddCtF6u?usp=sharing

About My Python Experience

I have developed my own python codes and scripts about Network Automation, Linux Monitoring, System Automation and Blockchain.
I can use my codes in any OS that I can connect via SSH/Telnet or I can use Ansible as well.

To learn more about my Linux and Python experiences you can also visit the URL github.com/goksinenki

Gökşin Enki Resume

EDUCATION

Post Graduate in Computer Engineering
Major   : Computer Engineering
Institute   : **Sakarya University, Turkey**
Awarded date   : 2015-Continue (Remote)

Post Graduate in Computers Networking&Communication Technologies
Major   : Computer Engineering (Communication Technologies)
Institute   : **London Metropolitan University, London UK**
Post Graduation : 2005-2006

Bachelor Degree in Computer Science
Major   : Management Information System
Institute   : **Anadolu University, Turkey**
Graduation   : 2018-2023

Bachelor Degree in Chemistry
Major   : Chemistry
Institute   : **Uludağ University, Turkey**
Graduation   : 2000-2005

WORK EXPERIENCE

Datacenter Network Planning & Operations Expert – Team Leader & Trainer in Turk Telekom Telecom Academy
Turk Telekom Datacenters – (In Istanbul and Ankara Multiple Locations)
turktelekom.com.tr // Turkey biggest Telecom/ISP
05.2019 - Continue Full Remote (Home Office)

Management of Cisco and Arista Datacenter Switch and Routers (more than 1000 devices)
Management of BigIP F5 (more than 50 devices) And Citrix ADC (more than 80 VPXs and MPXs)
Software : Arista CVP, Citrix ADM, Appreponse, Jira…etc
Scripting : Network&Load Balancer&Datacenter Operations Automations with Python and Shell
Also, I am a Linux and Network Trainer in Turk Telekom Academy.

Network&Security&System Administrator
Fiat Chrysler Automobiles (FCA) – TOFAŞ Datacenter IT
fiat.com.tr fcagroup.com // Fiat Car Manufacturer
04.2013- 01.2019 Bursa/TURKEY

Tofas / Fiat FCA Group is an Italian Car Manufacturer Company and I have worked there between 04.2013-01.2019 as a Network&Security Engineer also I was the Network&Security Team Leader. Tofas had their own datacenters in different locations.

My responsibilities were include

- Lead and support the projects for all network/datacenter installations, migrations,
- Lead and support the network&security side for the cloud projects like AWS and Azure (Hybrid Cloud),
- Provide expert IT networking Services for Tofas/Fiat own IT infrastructure,
- Install, Manage, Monitor and Support complex network systems including routers, switches, firewalls, proxies, wifi, vpn boxes, radius servers, authentication systems, security systems and load balancers,
- Build/maintain IT networking knowledge/skills level as well as keep up with new technologies, products and versions,
- Maintain a good relationship with ISPs, vendors, partners and customers,
- Working to improve the topology, find and solve the single point of failures, trying to make all systems redundancy and provide HA,
- Tracking the support and licences, renewing the contracts with the vendors, partners and suppliers,
- Attend meetings and conference calls with Fiat (Italy), partners and vendors,
- Ensure service delivery is compliant with Fiat IT processes, procedures and SLA's
- Automating the operational processes and tasks like backup the switches and all network&security devices configurations, manage the switch ports, preparing weekly up/down reports,
- Making sure this critical environment is running smoothly...etc

So, I have over 15 years hands on experiences at expert level with the subjects below.
DATACENTER, NETWORKING PROTOCOLS, FIREWALLS/IPS/IDS, NETWORKING, LOAD BALANCER, BANDWIDTH OPTIMIZER, AUTHENTICATION, SYSLOG / SIEM, SERVICE DESK / TICKET SYSTEM, NETWORK MONITORING, WIRELESS, SECURITY, PROGRAMMING LANGUAGE...etc

Linux/Windows System Administrator
Türk Ticaret.NET Datacenter
turkticaret.net // Web Hosting, Datacenter, Internet Service Provider
2011-2013   Bursa/TURKEY

Linux/Windows System Engineer
Vital - Vital Datacenter
vit.com.tr – cloud.com.tr // Web Hosting, Datacenter, Internet Service Provider
2009-2011   Bursa/TURKEY

Vital and Turkticaret.net are Web Hosting Companies and Internet Service Providers and I have worked for these companies between 2009-2013 as a Linux/Windows System Engineer also I was the Technical Support Team Leader for both companies. Vital and Turkticaret.net had their own datacenters in different locations.

My responsibilities were include
- Lead and support the projects for new customers (customers were especially software companies),
- Provide expert IT support for customers,
- Install, Manage, Monitor and Support complex systems including web servers, application servers, load balancers, database servers, mail servers, anti-spam servers and more,
- Working with any OS (Windows or any Linux/Unix distro), working with any virtualization technologies, server&database migrations and troubleshooting,
- Build/maintain IT knowledge/skills level as well as keep up with new technologies, products and versions,
- Maintain a good relationship with vendors, partners and customers,

Gökşin Enki Resume

- Working to improve the topology, find and solve the single point of failures, trying to make all systems redundancy and provide HA,
- Tracking the support and licences, renewing the contracts with the vendors, partners and suppliers,
- Ensure service delivery is compliant with IT processes, procedures and SLA's,
- Automating the operational processes and tasks like backup the servers, hosting accounts,
- Making sure this critical environment is running smoothly...etc

So, I have over 15 years hands on experiences at expert level with the subjects below.
OPERATING SYSTEM, WEB SERVER, MAIL SERVER, DNS SERVER, DATABASE, VIRTUALIZATION/HYPERVISOR, WEB HOSTING CONTROL PANEL...etc

Production&IT Manager
Mursan Ltd. Şti.
mursan.com.tr // Fiber Ship, Yacht Manufacturer
2007-2009   Bursa/TURKEY

PROJECTS

- Datacenter Migrations
- Vlan Segregation
- Container Datacenter
- Outdoor Long Range Wifi
- Radio Link Installation for Datacenter as an alternative for Fiber Optic Cable
- Hybrid Cloud Projects
- High Availability Projects (Network, Servers…etc)
- Network and Load Balancer Operations Automation Portal (Frontend : Php & Backend : Python)

CERTIFICATIONS

- CCNA, CCNP (Wireless), Wireless Controller, Cisco ISE-Network Access Control (Cisco)
- RIPE NCC LIR (RIPE)
- CEH
- ISO 27001:2013 Head Auditor
- FORTIGATE
- Big IP F5 Load Balancer
- Microsoft MCTS
- Active Directory Administration
- Please visit the URL below to see all of my certificates

  https://drive.google.com/drive/folders/1Js2OkewwyijYBdg066IyfVn6sddCtF6u?usp=sharing

PROFICIENCY IN

1. Programming Languages   : **PYTHON, PHP, HTML, CSS**
2. Graphical Packages   : **Adobe Photoshop, GIMP, Ulead Video Studio**
3. Operating Systems   : **All**

REFERENCES

If you requests I can share with you my references and their contact details from Turk Telecom (ISP-Turkey), Vodafone (ISP-Turkey), Cisco (Vendor-Turkey), Checkpoint (Vendor-Turkey), Kocsistem (Cisco Turkey Partner) and more.

PERSONAL DETAILS

Date of Birth   : 4th August 1982

Marital Status   : Married and have a child

Category   : General

Nationality   : Turkish (I need VISA sponsorship and work permit to work in EU)

Current Status   : I am free from 01.01.2019, I have no notice period

Permanent Address : Beşevler Cad. Beşevler Mh. Belemir Sk. Manolya Park Sitesi B Blok D 3 Nilüfer Bursa / TURKEY   Phone: +90 536 248 50 30

Languages Known   : Turkish, English

Hobbies   : Working too much, playing with my son, no more hobbies 😊

E-mail   : goksinenki@gmail.com

Skype   : goksinenki

Websites   : github.com/goksinenki -   goksinenki.com.tr –

Youtube Interview : https://www.youtube.com/watch?v=1MJzUtgRRyg&t=3s

QUALIFICATIONS AND PROFESSIONAL EXPERIENCES BY KEYWORDS

Cisco Switch & Routers, Cisco Nexus Switches, Cisco ISE (Identity Secure Engine), NAC (Network Access Control), NAP (Network Access Protection), Cisco Wireless Controller, Light Access Points, Standalone Access Points, Active Directory, MS Exchange, Fortigate Firewall, Netsafe UTM, Checkpoint, Single mode / Multi Mode Fiber Optic Cabling, HP Openview, F5 Load Balancer CCNA CCNP MCTS RIPE Amazon DevOps NCC Network TCP/IP WAN BGP SNMP DNS HTTP Cisco Allied Telesis HP Fujitsu Siemens Linux CentOS Debian Ubuntu FreeBSD Botnet DDos VMware ESX ESXi HyperV OpenVZ Xen Proxmox KVM Virtuozzo Virtualization Technology Hosting DNS Antispam FTP Firewall Administration NAS Backup MySQL PostgreSQL MSSQL SQLite Oracle PHP Python Shell Scripting Network Security Citrix Mikrotik Windows Server 2003 2008 2012 Plesk Directadmin cPanel Network Administration Server Administration Server Management Web Servers Router Switch Firewall Iptables Round Robin Apache Nginx Litespeed IIS Nexus AWS EC2 Elastic Load Balancer Cluster Failover Fortigate Fortinet Ubiquiti UBNT Airfiber Netmetal 5 Fiber Optic FreeNAS NetApp Remote Tech Amazon CloudWatch EBS Instance Arduino Rasperry Pi Internet Of Things RiverBed FireEye Nagios Cacti HP Openview BSM NNM Observium MRTG ArpWatch Solarwinds Dude Manage Engine Zabbix NSX Vmware Network Virtualization Big-IP F5 Ruckus IPS Tuffin Syslog Watcher Sticky Sessions Hotspot Kali Linux Backtrack Burp Suite Brute Force Sniffing Hacking Sql Injection Cross Site Scripting Meterpreter Zero Day Attacks Metasploit Crunch LACP Bonding NIC Teaming Port Channel Citrix, Tipping Point, Mikrotik, Pfsense, Mail server Exim, Postfix, Qmail, Mail Enable, Merak Mail, MSExchange, Zimbra, Splunk, OSSEC, Graylog, SecurityOnion, Snort, Kali, Nessus, Meterpreter, Exploit, Reverse TCP, Windows Linux Hacking CCNA CCNP MCTS RIPE Amazon DevOps NCC Network TCP/IP WAN BGP SNMP DNS HTTP Cisco Allied Telesis Datacenter Network Core Nexus N7K Enterasys Allot RiverBed FireEye Checkpoint Cisco 4510R 4500X 2960X WLC Controller Router Switch Citrix HP Openview BSM NNM Observium MRTG Nagios Cacti ArpWatch Solarwinds Dude Manage Engine Zabbix NSXNetwork Administration Server Administration Server Management Web Servers Router Switch Firewall Iptables Round Robin Vmware Network Virtualization Big-IP F5 Ruckus IPS Tuffin Syslog Watcher Sticky Sessions Hotspot HP Fujitsu Siemens Linux CentOS Debian Ubuntu FreeBSD Botnet DDos VMware ESX ESXi HyperV OpenVZ Xen Proxmox KVM Virtuozzo Virtualization Technology Apache Nginx Litespeed IIS Nexus AWS EC2 Elastic Load Balancer Cluster Failover Big IP F5 Hosting DNS Antispam FTP Firewall Administration NAS Backup MySQL PostgreSQL MSSQL PHP Python Shell Scripting Windows Server 2003 2008 2012 Plesk Directadmin cPanel Webmin Hosting Control Panels Mikrotik Ubiquiti UBNT Airfiber Netmetal 5 Fiber Optic FreeNAS NetApp Remote Tech Amazon CloudWatch EBS Instance Arduino Rasperry Pi Internet Of Things Hotspot Kali Linux Backtrack Burp Suite Brute Force Sniffing Hacking Sql Injection Cross Site Scripting Meterpreter Zero Day Attacks Metasploit Crunch Citrix, Tipping Point, Mikrotik, Pfsense,. Mail server Exim, Postfix, Qmail, Mail Enable, Merak Mail, MSExchange, Zimbra Mail Server LACP Bonding NIC Teaming Port Channel, Splunk, OSSEC, Graylog, Security Onion, Snort, Config Server Firewall, Amazon AWS, Azure, Kubernet, Jenkins, GitLab, CDN, Ansible, Chef, Puppet, SaltStack, Docker, Containers, Hybrid Cloud Systems…etc