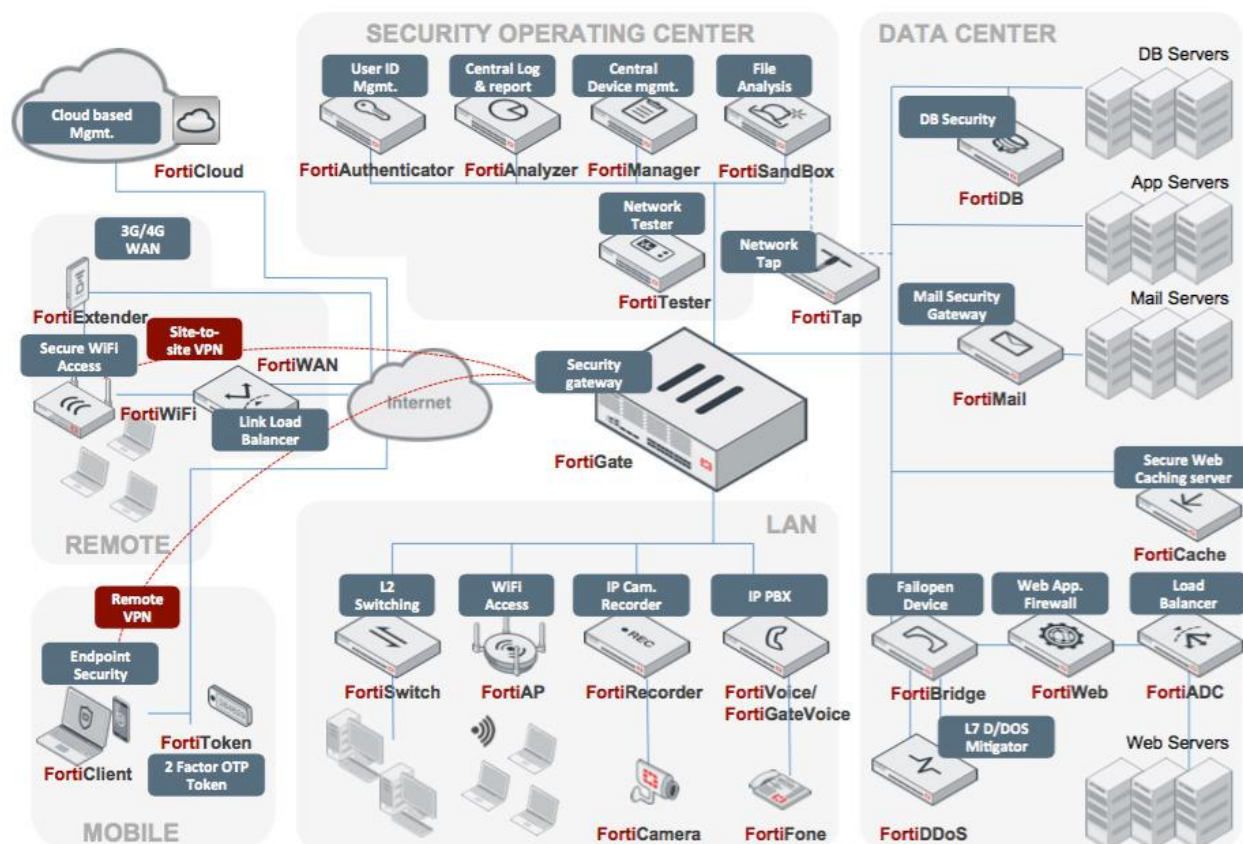


About Fortinet:

- o Fortinet is an American multinational corporation headquartered in Sunnyvale, California.
- o Fortinet company develops & markets cybersecurity software and appliances and services.
- o It is worldwide provider of network security appliance & market leader in Network Security.
- o It provides a broad array of security and networking functions, consists physical & virtual.
- o Including a firewall, VPN, antivirus, IPS, Web filtering, antispam, and WAN acceleration.
- o It provides complete suite of products they can be purchased individually or combined.
- o Fortinet products such as firewalls, anti-virus, intrusion prevention and endpoint security.
- o Fortinet multinational corporation was founded in 2000 by brothers Ken and Michael Xie.
- o The company's first product was FortiGate, a firewall, later adding wireless access points.
- o Its first product, FortiGate, firewall, in 2002, followed by anti-spam and anti-virus software.
- o After first successful product FortiGate Fortinet adding sandboxing, and messaging security.
- o By the year 2004, Fortinet multinational corporation had raised over \$90 million in funding.
- o In July 2014, Fortinet announced technical certification program Network Security Expert.
- o Network Security Expert (NSE) has included eight levels of Network security certification.



- o Both the Fortinet and Palo Alto Networks provide next generation firewalls solutions.
- o Both the Fortinet and Palo Alto provide similar, but substantially different feature sets.
- o Both provide additional licenses for IDP, Anti-Virus, URL filtering & sandboxing solutions.
- o Either Fortinet or Palo Alto Network can be viable for traditional firewall needs to deploy.
- o FortiGuard bundle includes such as application control, IPS, AV, IP anti-bot & web filtering.
- o FortiGuard bundle includes extra more features such as anti-spam & vulnerability scanning.
- o Both companies have similar concept of security zones, although Fortinet still has interface.
- o Both companies Fortinet and Palo Alto Network Tracking configuration changes over time.
- o Both companies Fortinet and Palo Alto Network Applying per user changes are different.
- o Commit on the demand versus immediate configuration changes for every GUI change.
- o Different feature sets, different performance impacts when enabling certain features.
- o Sophistication of user GUI and ability to use GUI versus the command Line Interfaces.

FORTINET
REAL TIME NETWORK PROTECTION

 **paloalto**
NETWORKS

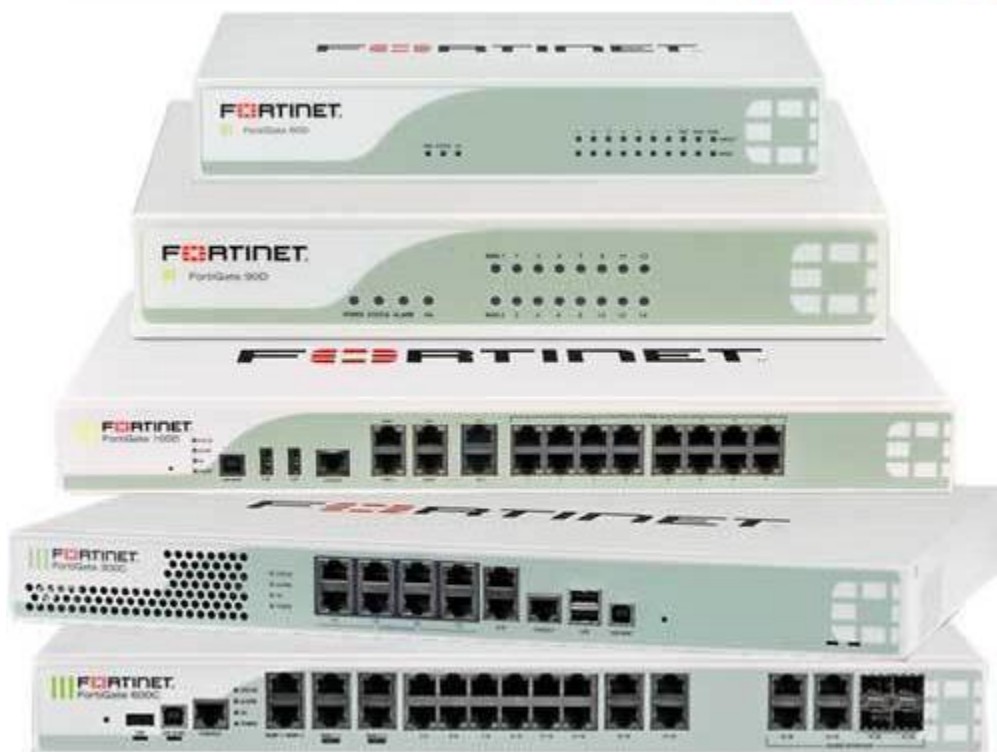
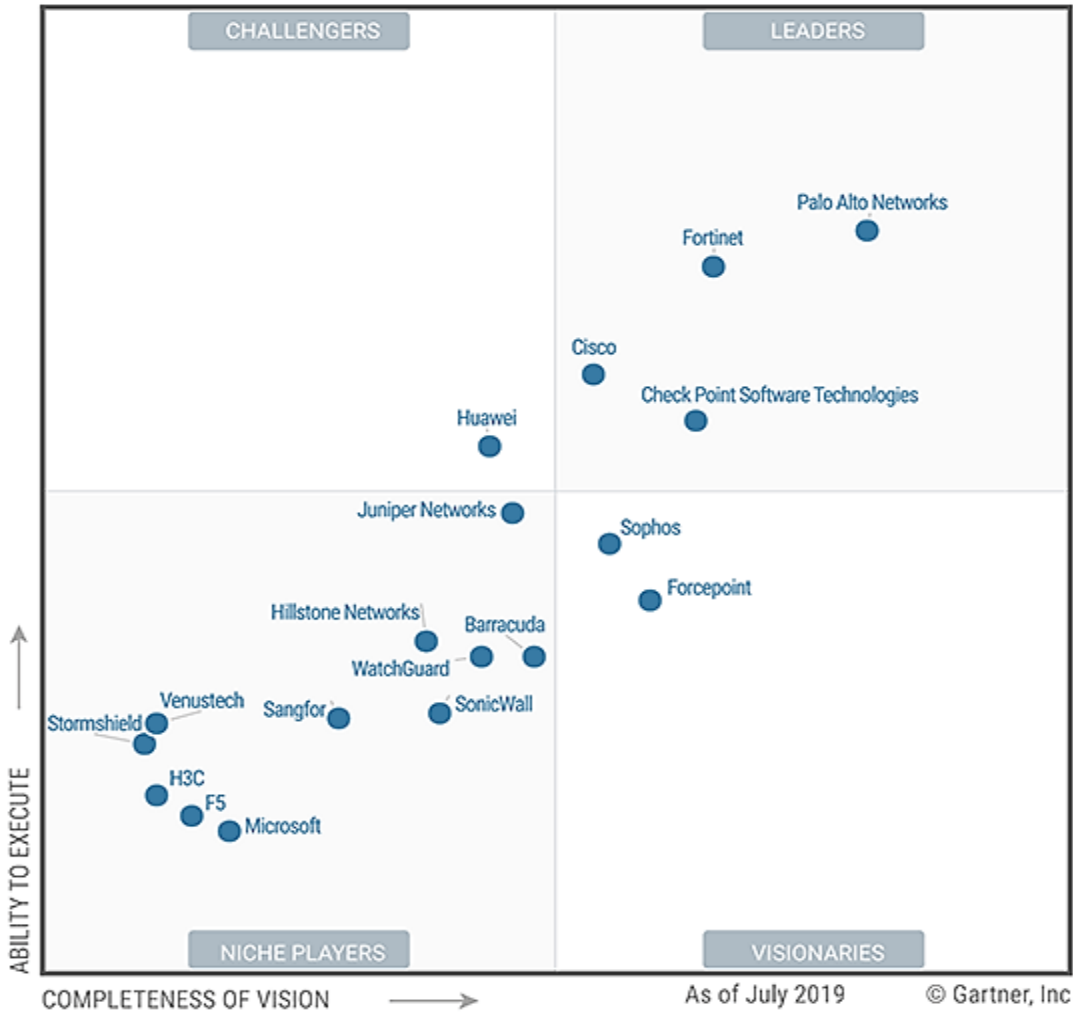
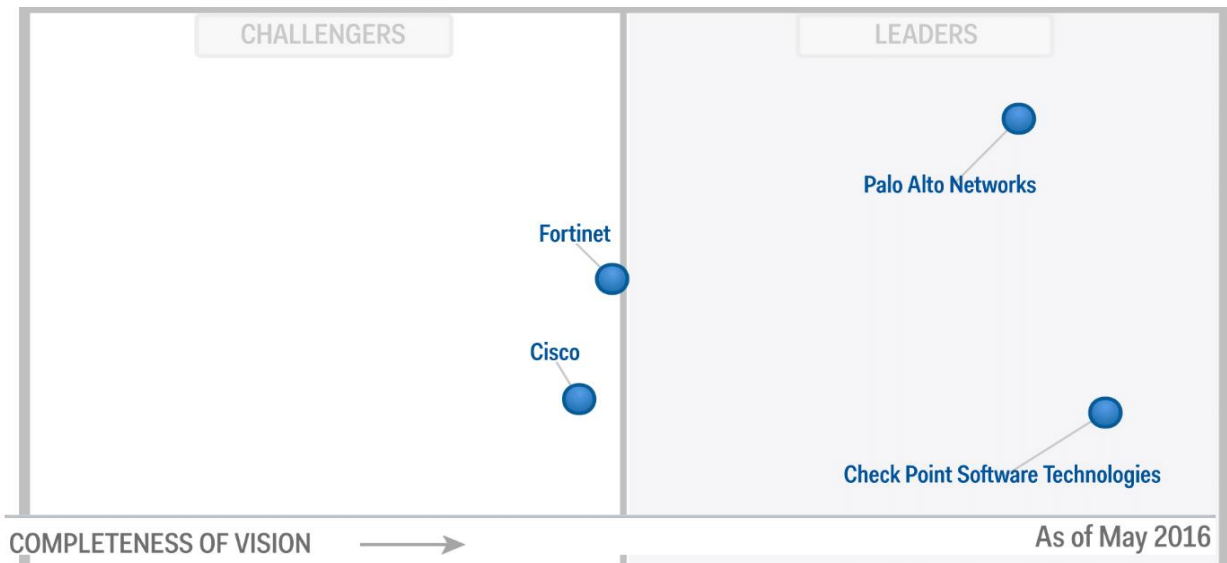


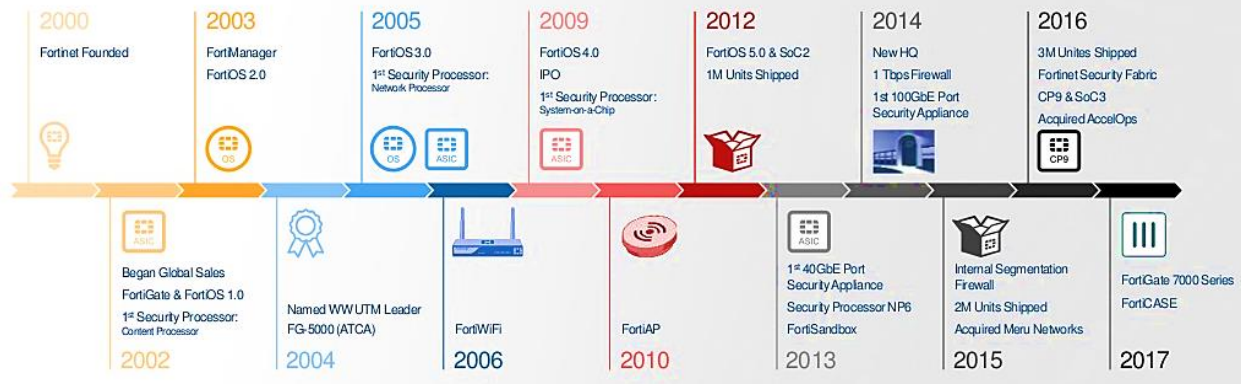
Figure 1. Magic Quadrant for Network Firewalls



Source: Gartner (September 2019)



Fortinet: A History of Innovation



Key FortiOS Features:

Advanced Threat Protection, Client Reputation Analysis, Feature Select, Contextual Visibility, Extended Single Sign-On, On-Device Sandbox, Cloud-Based Sandbox, Per-Device Security Policies, Secure Guest Access, Enterprise-class Firewall, VPN – IPSec and SSL, SSL-encrypted Traffic Inspection, Antivirus / Antispyware, Antispam, Intrusion Prevention System (IPS), Data Loss Prevention (DLP), Flow-based Inspection Options, Web Filtering, Application Control, Endpoint Network Access Control (NAC), Vulnerability Management, Monitoring, Logging and Reporting, WAN Optimization, Wireless Controller, VoIP Security, Central Management, Virtual Domains, High Availability, Layer 2/3 Routing Services, FortiGuard Security Updates, IPv6-Ready

NSE4:

Fortinet **Network Security Expert**(NSE4). The NSE 4 Network Security Professional designation recognizes the ability to install and manage the day-to-day configuration, monitoring, and operation of a FortiGate device to support specific corporate network security policies.

FORTINET®

Network Security Expert 4

FortiGate:

FortiGate is an advanced Firewall of Fortinet, known as the Next Generation Firewall (NGFW). There are a number of models that are either physical (Hardware Appliance) or Virtual (for various hypervisors - VMware vSphere, Microsoft Hyper-V, Citrix XenServer, OpenXEN, KVM). We focus on the virtual version here, but it doesn't matter much, because all FortiGates are equipped with the same FortiOS Operating System.

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Fortinet NSE 4 Exam Overview:

Exam Name	Fortinet Network Security Expert 4
Exam Number	NSE 4
Exam Price	\$400 USD
Duration	120 minutes
Number of Questions	60
Passing Score	60%
Exam Registration	PEARSON VUE

FORTINET® CERTIFICATION

1 NSE Security Associate
Understanding of Threat Landscape and Network Security Concepts

5 NSE Analyst
Learn how to Implement Network Security Management and Analytics

2 NSE Security Associate
Comprehend Types of Security Products

6 NSE Specialist
Develop understanding of Fabric Products

3 NSE Security Associate
Sales Training for Fortinet Employees and Channel Partners only

7 NSE Architect
Learn to Integrate products to deploy and administer solutions

4 NSE Professional
Manage day-to-day configuration, monitoring, and operation

8 NSE Expert
Ability to design, configure, install, and troubleshoot Network Security Solution

<https://www.fortinet.com/training-certification>

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https://training.fortinet.com/local/staticpage/view.php?page=nse_2

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