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AWS AWS Systems Manager

AWS Bitbucket AWS PrivateLink

VPC AWS Elastic Beanstalk

AWS Direct Connect Amazon VPC

Amazon ECS Amazon Linux2 AMI Amazon Virtual Private

Cloud IP Amazon MQ HIPAA VMware

20 Google 75

GitGub IoT “

” HPC China 2018

CNCF ¬—Falco

Netflix Spinnaker 1.10 Kubernetes1.12

Azure Rancher 2.1 Kubernetes

PaaS Rainbond v3.7.2

Docker 9200

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AWS

1.1 AWS Systems Manager

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1.2 AWS CodeBuild Bitbucket

10 2 AWS CodeBuild Atlassian Bitbucket

CodeBuild

AWS CodeBuild Bitbucket webhook

1.3 Amazon MQ HIPAA

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Amazon MQ Apache ActiveMQ

Amazon MQ API

JMS NMS AMQP STOMP MQTT WebSocket

1.4 AWS PrivateLink VPC

10 10 AWS VPC VPC

AWS AWS PrivateLink AWS PrivateLink

AWS IP

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VPC AWS

Internet

AWS PrivateLink

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AWS IP

IP IP

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GitHub

PCMAG GitHub Nat Friedman 3100

GitHub

5.1 **IoT** “ ”

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3.1 ROCKY

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2018 “ ” 2017 23.2%

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2.1 RealSight APM TOSCA

OASIS TOSCA

RealSight APM

3.1 · OSM

—— · OSM(Open Source MANO)

VNF Virtual Network Function OSM

3.2 Gartner UTM

Gartner 2018 UTM Gartner UTM

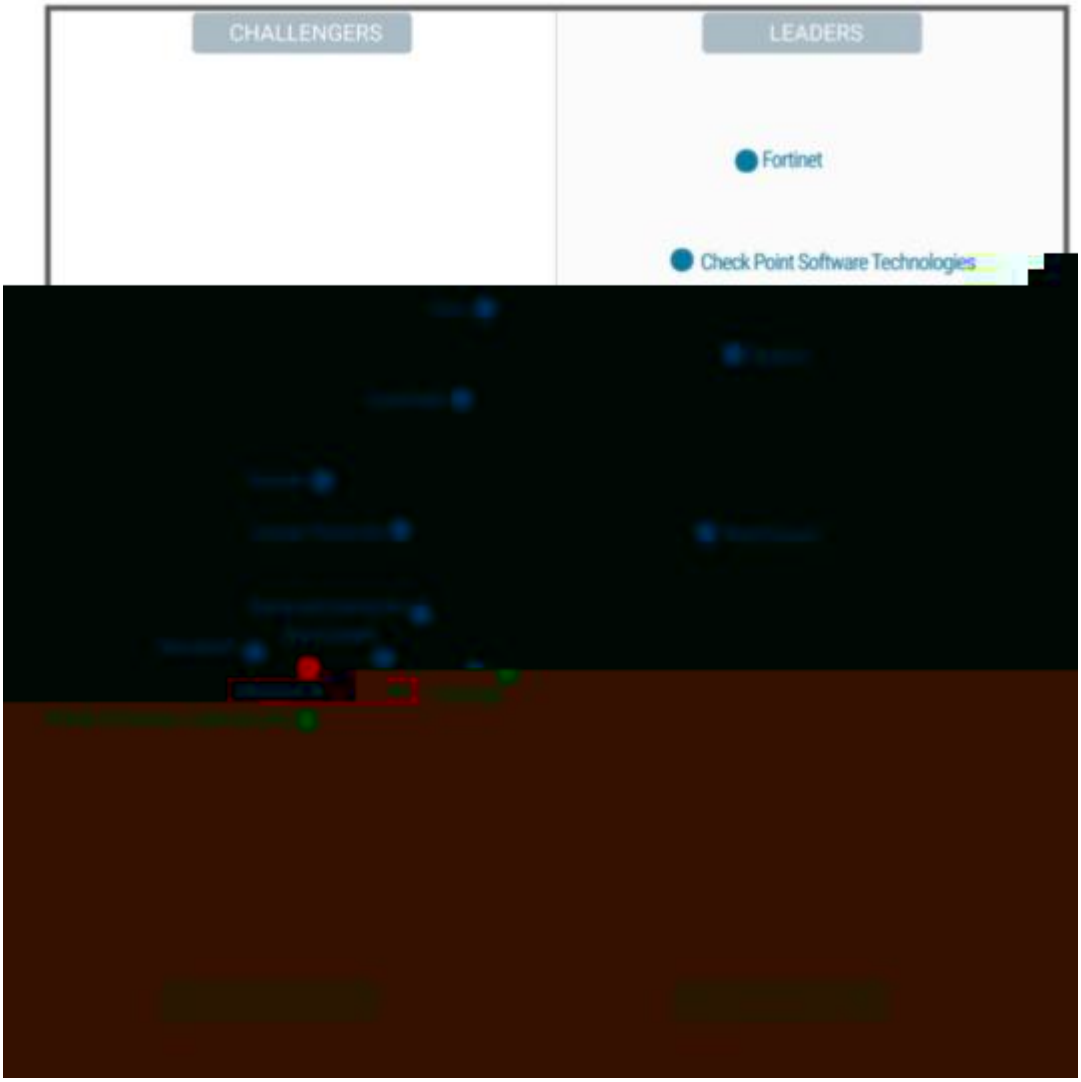
CHALLENGERS
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Figure 1. Magic Quadrant for Enterprise Network Firewalls



Checkpoint

10.1 Check Point 1.75 Dome9

Check Point Dome9 Security

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CNCF Falco

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Linux

CNCF Fluentd logging project Kubernetes

Falco Kubernetes

Kubernetes API Linux

CNCF Dan Kohn “ Falco

Kubernetes Mesosphere Cloud Foundry Falco Fluentd Nats

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Netflix Spinnaker

Google Netflix g

Kubernetes 1.12

Kubernetes

Azure

—— Kubelet TLS Bootstrap Azure

VMSS ——

Kubelet TLS Bootstrap

Kubelet

kubelet Node

Authorizer NodeRestriction admission controller

SIG Auth kubelet

Kubernetes CSI / alpha

API CRD CSI PV /

beta

AWS EBS GCE PD beta

Pod beta Pod

PodSpec PID

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Horizontal Pod Autoscaler / beta

Horizontal Pod Autoscaler

Horizontal Pod Autoscaler beta

Pod beta Pod

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KMS beta

Google Cloud KMS Azure Key Vault AWS KMS Hashicorp Vault

etcd

Rancher 2.1 Kubernetes

Rancher 2.1 Rancher 2.0

Rancher Cattle Rancher Kubernetes

Kubernetes

Rancher 2.1

Rancher PingID Microsoft Active Directory OpenLDAP Keycloak

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CPU

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Rancher 2.1 helm chart ingress

CICD

Rancher 2.1 CICD CI / CD Kubernetes

GitLab

Rancher 2.1 Rancher CI / CD GitLab CICD GitLab

GitLab

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Rancher Kubernetes

Rancher Server Rancher

Rancher Server

Rancher 2.1 Tiller Kubernetes Dashboard

YAML

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New Service Debut
Container Security Service
Protects virtual environments of containers throughout their lifecycles, from development to produc
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ISP IDC CDN

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CNNVD-201810-327 CVE-2018-8490

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