



Garanti BBVA'da Bulut Transformasyon Yolculuđu

Savař İrez

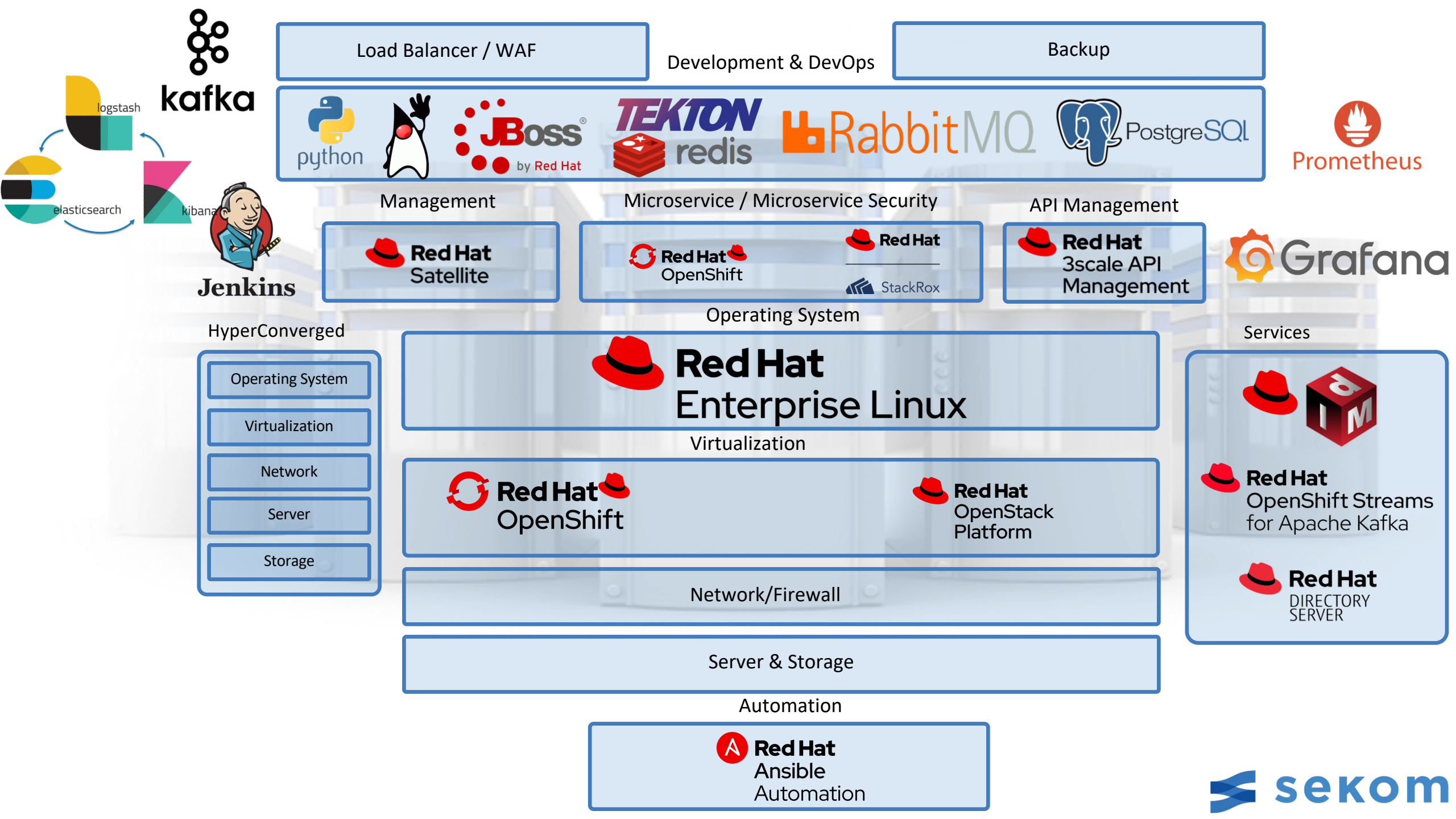
SD-X & Cloud Teknolojileri Yöneticisi

SEKOM

Ersin Tüysüzöđlu

Bulut Platform Teknolojileri Yöneticisi

Garanti BBVA



HyperConverged

- Operating System
- Virtualization
- Network
- Server
- Storage

Red Hat Enterprise Linux

Virtualization

Red Hat OpenShift | **Red Hat OpenStack Platform**

Network/Firewall

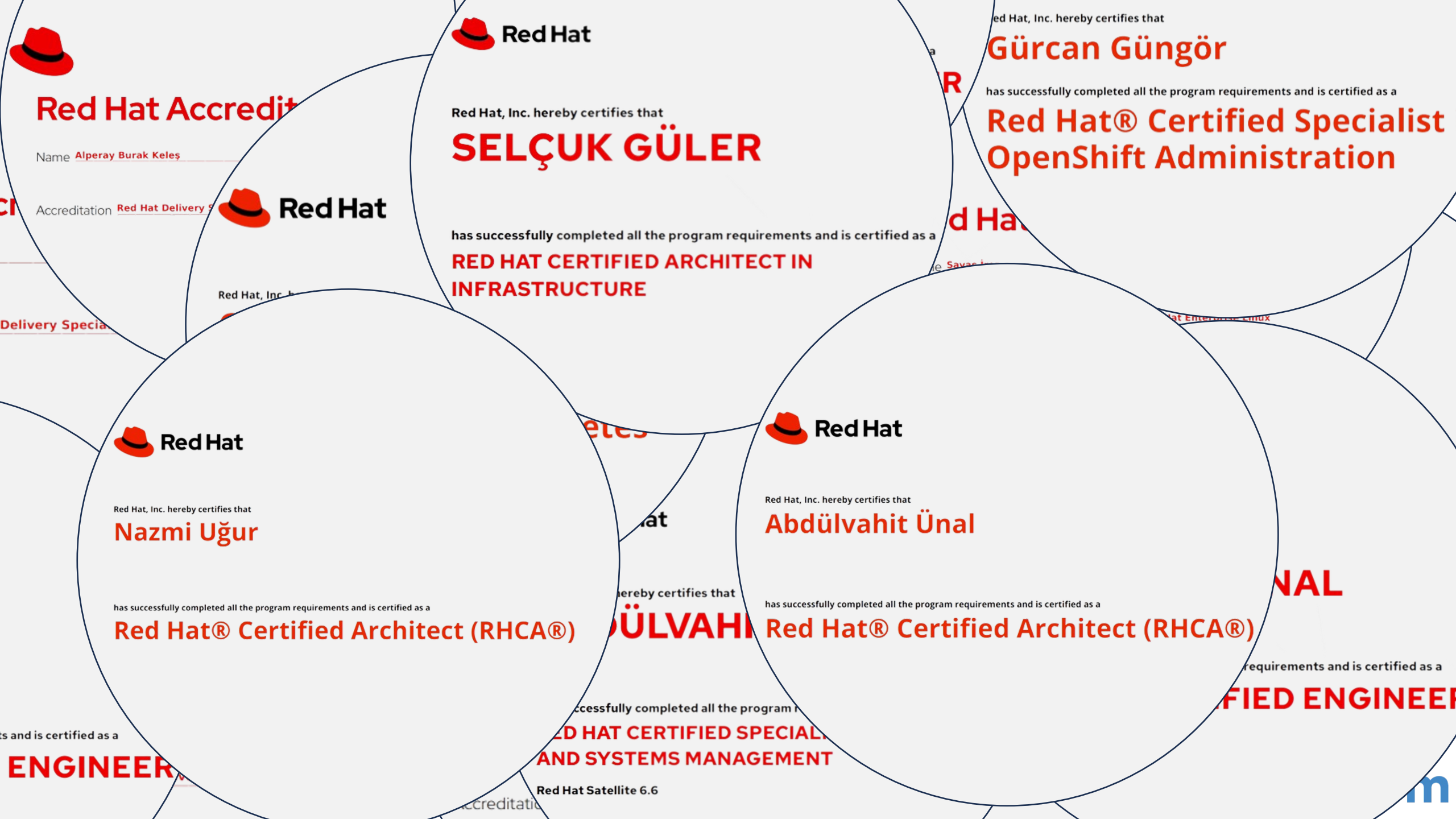
Server & Storage


Automation

Red Hat Ansible Automation

Services

- IBM
- Red Hat OpenShift Streams for Apache Kafka**
- Red Hat DIRECTORY SERVER**



 **Red Hat**

Red Hat Accredited

Name Alperay Burak Keles

Accreditation Red Hat Delivery Specialist

Red Hat Delivery Specialist

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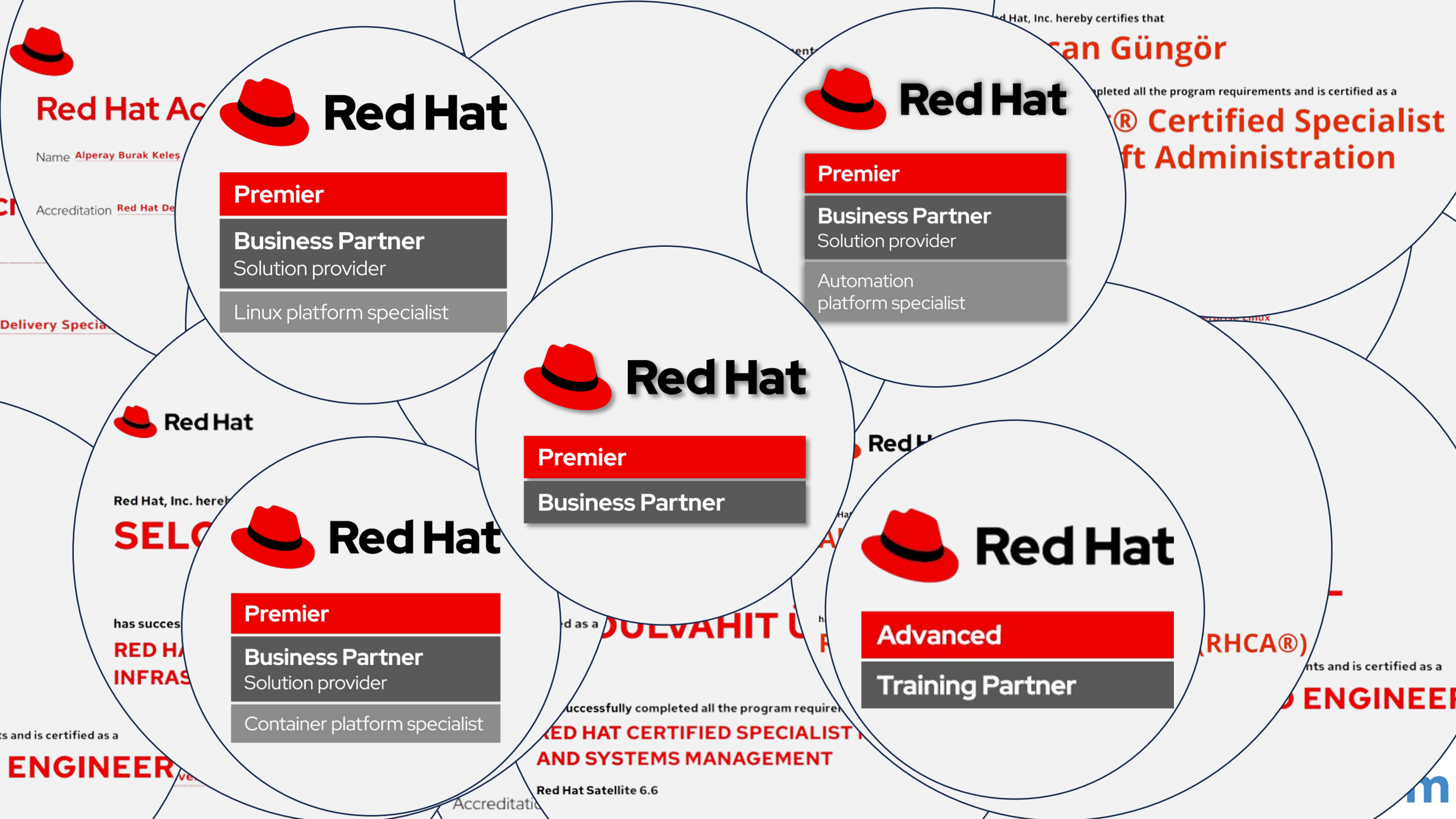
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Business Partner
Solution provider

Linux platform specialist

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Business Partner
Solution provider

Automation platform specialist

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Business Partner
Solution provider

Container platform specialist

 **Red Hat**

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Training Partner

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Bulut Transformasyon Yolculuđu

Ersin Tüysüzođlu

Red Hat Open Shift Yolculuğunuz nasıl başladı?

Red Hat OpenShift Yolculuğunuz nasıl başladı?

- Kubernetes üzerinde microservis tabanlı uygulamalar geliştirilmesi
- Teknolojik altyapının yenilenmesi stratejisi
- 2018, OCP 3.10, Garanti Leasing Leasy
- 2019, OCP 4.2, ARK Framework

Garanti BBVA'nın Red Hat OpenShift'i seçme nedenleri

Garanti BBVA'nın Red Hat OpenShift'i seçme nedenleri

- High availability & Kolay ölçeklenebilirlik
- Entegrasyon ve Destek
- Gelişmiş Güvenlik
- Developer Odaklı Araçlar
- Operator Framework
- Red Hat Ecosystem ve Partnership

Bulut ve Red Hat OpenShift mimarisine geiř

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- Yeni geliřtirmeler ARK Platformunda
- Legacy yapı ARK'a transform oluyor
- Bare Metal transformasyonu
- 1300+ servis, 13K+pod, gnlk 600Milyon, peak zamanda dakikada 1.1Milyon APIcall
- Multi-cluster yapı, skupper, Istio/Service Mesh
- Red Hat, SEKOM & GarantiBBVA ortaklıđı

Ansible Automation Platform ve Bare Metal Migration

Ansible Automation Platform ve Bare Metal Migration

- Uçtan uca otomasyon ilkemiz
- 93 Ansible Playbook ile minimum administratif operasyon
- 2024, Playbook'larımızda gördüğümüz gelişim alanları için Sekom ile işbirliği

OpenShift & Bare Metal Transformasyon Önerileri

OpenShift & Bare Metal Transformasyon Önerileri

- Liveness/Readiness probe için Kubernetes built-in http ve gRPC probe kullanın
- CPU limitleri kontrol edip, kapasiteniz varsa throttle yaratmayacak şekilde revize edin
- IPv6 default açık geliyor, DNS yükünü azaltmak için mümkünse kapatın
- NGINX default thread sayılarına dikkat edin
- Baremetal UPI kurulumlarda bonding interface varsa DHCP yerine statik IP tercih edin
- <https://cloud.redhat.com/blog/running-2500-pods-per-node-on-ocp-4.13>



Teşekkür Ederiz