QRATOR LABS

Türk Telekom
Değerli Hissettirir

Use case — Türk Telekom

Türk Telekom improves routing health of its network detecting global connectivity incidents with Qrator.Radar

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Türk Telekom, with more than 180 years of history, is the first integrated telecommunications operator in Turkey.

Having a wide service network and product range in the fields of individual and corporate services, **Türk Telekom** unified its mobile, internet, phone and TV products and services under the single **«Türk Telekom»** brand as of January 2016.

Türk Telekom Group Companies provide services in all 81 cities of Turkey with 38,798 employees onboard, bringing the vision of introducing new technologies to the country and accelerating Turkey's transformation into an information society.

Challenges

For national operators of such a level as Türk Telekom, it is crucial to detect network anomalies that can significantly affect the availability and quality of their services at the global routing level.

For global traffic monitoring and anomalies detection purposes, Türk Telekom was looking for a specialized tool working at a level of inter-domain routing

Solution

The company came to **Qrator Labs** with a need of a data collector with the most distributed peers.

Qrator.Radar could meet all the customer's precise requirements as the world's biggest Internet monitoring service with more than 850 ISPs worldwide, providing data on all networks available within routing tables.

Qrator.Radar helps **Türk Telekom** detect global connectivity incidents such as Route Leaks, BGP Hijacks.

Using own unique mathematical model that defines the relationships between AS's **Qrator.Radar** captures several thousand routing incidents worldwide every day.

Experience

Information regarding the events connected to an anomalous change in the routing data is available to customers in real-time. Syslog, email, and the API are usually used to deliver notifications and integrate with customer services.

Opportunity to get notices on BGP anomalies in real-time allows **Türk Telekom** to immediately react on incidents, mitigating possible adverse outcomes for business and ensuring better networking overall.

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