Overview

1. Peak testing generates traffic from a cloud testing platform that can comprise multiple different private and public clouds.

2. Peak testing can generate traffic simulating millions of client devices, including different types of computers, devices, and browsers, as well as different networks and geographies.

3. Simulating traffic at peak scale with real-world conditions helps identify potential breakpoints in the application infrastructure — such as individual microservices — before critical peak events.

4. Load testing at peak scale helps identify performance issues in the application environment as it scales up using the cloud.

5. The Akamai Intelligent Edge Platform optimizes resource offload of the overall infrastructure as you scale it to meet peak traffic.

6. Bot management helps shape bot traffic during peak periods to reduce load and maintain performance for human users.

7. Visitor prioritization can help manage the user experience during periods of extremely heavy back-end load.

8. Real user monitoring helps identify performance issues across a heterogeneous application environment in real time as it scales.

Key Products

- Peak testing ➤ CloudTest
- Web performance ➤ Ion or Dynamic Site Accelerator
- Bot management ➤ Bot Manager
- Visitor prioritization ➤ Visitor Prioritization or API Prioritization
- Real user monitoring ➤ mPulse