Legacy load balancers and Application Delivery Controllers (ADC) were not designed for an era of a software-defined infrastructure, virtualization and cloud-based applications. Look for the following before buying your next ADC.

**AVI**
- Centralized controller and policy repository provides single point of control and automation.
- Pure software-only solution that runs on any x86, VMs or containers.
- Integrated Inline Analytics™ give insights to root-cause & fix application performance issues.
- Security config. analyzer and anomaly detection auto-mitigate DDoS/HTTP/SSL vulnerabilities.
- Each customer/LOB/developer gets dedicated ADCs with data & control plane isolation.
- Zero capex upfront. ADCs automatically spun up based on real-time application requirements.

**LEGACY**
- Each hardware (or software) appliance managed individually. 90% higher opex.
- Proprietary hardware ADC appliances need planning for power, space and spare inventory.
- Needs additional out-of-band monitoring tools/network plus agents inserted within applications.
- Alerts from individual ADCs manually analyzed. Security misconfigurations, outdated ciphers not flagged.
- Multiple tenants share same hardware/software device. Upgrades disrupt all app owners.
- Need to over provision scale/capacity upfront based on project “peak” scenario.

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**STRAIGHT TALK: 7 REQUIREMENTS FOR MODERN-DAY LOAD BALancers**

- **SELF-SERVICE**
- **OPERATIONAL SIMPLICITY**
- **100% SOFTWARE**
- **APPLICATION VISIBILITY**
- **RISK AUTO-MITIGATION**
- **MULTI-TENANCY**
- **NO-CAPACITY PRE-PROVISIONING**