



NexaVM vs H3C CAS: Competitive Battlecard

Executive Overview

NexaVM - The Global Enterprise Platform

NexaVM delivers a comprehensive stack for enterprise virtualization and cloud, designed for mission-critical production environments. With over 4,000 customers in 30+ countries and regions, NexaVM offers a complete solution for virtualization, cloud management, and hyperconvergence.

H3C CAS - Legacy Solution with Critical Limitations

H3C CAS (Cloud Automation System) is a traditional virtualization solution with legacy architecture, significant scalability limitations, and support primarily oriented toward the Chinese domestic market with gaps for international deployments.

Critical Comparison: Where NexaVM Dominates H3C CAS

1. Architecture and Technology Modernity

✓ NexaVM - Modern Cloud-Native Architecture

- Cloud-native design** from inception
- Scalable microservices architecture**
- Native container integration**
- API-first approach** for complete automation
- Multi-cloud ready** for hybrid deployment



✗ H3C CAS - Limiting Legacy Architecture

Traditional architecture based on legacy CVK/CVM

Monolithic design with scalability bottlenecks

Limited container support without native platform

API limitations for enterprise automation

Single-cloud focus without multi-cloud strategy

2. Critical Scalability and Performance

✓ NexaVM - Unlimited Enterprise Scalability

100,000+ VMs per cluster demonstrated

10,000+ hosts manageable from single management node

Linear performance scaling without degradation

VM creation: 100 VMs in 11 seconds, 1000 VMs in 103 seconds

Zero single point of failure distributed architecture

✗ H3C CAS - Critical Scale Limitations

128 physical servers maximum per cluster

8,000 VMs maximum in optimal scenarios

Performance bottlenecks with high-density workloads

CVK hypervisor limitations for scalability

Management node potential single point of failure

3. International Ecosystem and Partners

✓ NexaVM - Global Enterprise Presence

Enterprise clients in over 30 countries

Consolidated global partner ecosystem

24/7 global support multi-timezone

Complete multi-language documentation

✗ H3C CAS - Geographic Limitations

Primarily domestic presence Chinese market

Limited international partner network

Concentrated certifications on domestic market

Support timezone limited for global deployments

Documentation primarily in Chinese/limited English

Enterprise Decision Matrix

Choose NexaVM for:

- ✓ **Global multi-country** deployment
- ✓ **Planned VMware migration**
- ✓ **Modern cloud strategy** required
- ✓ **Scalability** beyond 1000 VMs
- ✓ **International compliance** necessary
- ✓ **24/7 enterprise support** critical
- ✓ **Strategic vendor independence**



H3C CAS appropriate only for:

- ✗ **Domestic deployment** China primarily
- ✗ **Legacy environment** without modernization needs
- ✗ **Limited scale** <500 VMs
- ✗ **H3C ecosystem** lock-in acceptable
- ✗ **Basic compliance** requirements
- ✗ **Regional support** sufficient
- ✗ **Traditional IT** approach preferred



NEXAVM