AI for Infrastructure Operations

AI-Powered Server, Virtualization, and Storage Intelligence

Proactive Infrastructure Monitoring with AI

Monitor servers, VMs, and storage using natural language. Identify failing hardware, resource exhaustion, and service disruptions before they impact users.

Sample AI Prompt

> *"Generate an infrastructure health report for the last 24 hours. Correlate events across servers, VMs, and storage to identify root causes. Include a priority matrix, capacity trending, and vendor-specific remediation commands."*

From a single prompt, the AI analyzes all infrastructure events and delivers:

What You Get

Health Summary	Critical Issues	Resource Trending
Capacity Alerts	Remediation Playbook	Vendor CLI Commands

Server Health Summary

Category	Healthy	Warning	Critical
Physical Servers	142	8	2
Virtual Machines	1,247	34	5
Storage Arrays	12	1	0
Backup Systems	8	2	1

Critical Issues Identified

Server	Issue	Action
db-prod-03	Disk 95% full	Expand /var/lib/mysql
esxi-host-07	Memory overcommit	Migrate VMs
backup-srv-01	Job failures	Check tape library

Resource Trending

Resource	Current	7-Day Avg	Trend
CPU (cluster)	67%	54%	Increasing
Memory (cluster)	78%	72%	Stable
Storage (SAN)	71%	68%	Increasing
Network I/O	2.4 Gbps	1.8 Gbps	Spike

Automated Remediation

```
# Linux — Disk space analysis
df -h /var/lib/mysql
du -sh /var/lib/mysql/* | sort -hr | head -20

# VMware ESXi — Host diagnostics
esxcli system health status get
esxcli hardware memory get

# Windows — Service recovery
Get-Service | Where {$_.Status -eq 'Stopped'}
```

Key Capabilities

Predictive Alerts
Identify resource exhaustion before failures

Hardware Correlation
Link errors to specific components

Capacity Planning
Trend analysis for growth planning

Log Sources

LogZilla accepts logs from **any syslog-compatible source**. App Store integrations include:

Virtualization
VMware vCenter/ESXi/VSAN

Linux
Syslog, BIND, DHCPd, PAM, iptables

Windows
Event logs via Snare/WinAgent

Storage
Nimble, QNAP + any syslog

Network
Cisco, Juniper, HP, Infoblox

+ More
Any syslog, API, or file source