

CASE STUDY

Auto Remediation – Self-healing Infrastructure

OVERVIEW

“ Neutrino assisted a cloud-based infrastructure provider in implementing auto remediation capabilities to achieve self-healing infrastructure, resulting in improved system availability and reduced downtime. ”



CHALLENGES

- 1** The client faced frequent system outages and extended downtime due to manual intervention required for resolving infrastructure issues.
- 2** This led to customer dissatisfaction and revenue loss.

SOLUTIONS

- ✓ Neutrino designed and implemented an automated remediation framework that proactively monitored infrastructure components, detected issues, and triggered automated remediation actions
- ✓ This involved the use of monitoring tools, custom scripts, and integration with orchestration platforms.



Tech-Stack/Solutions Implemented

- ✓ Monitoring tools for infrastructure monitoring and alerting- AppDynamics.
- ✓ Custom scripts and automation frameworks for auto remediation.
- ✓ Azure DevOps / Vcenter / Java code.
- ✓ Integration with orchestration platforms for seamless execution of remediation actions.

RESULTS

- ✓ Reduced downtime and improved system availability by automatically detecting and resolving infrastructure
- ✓ Minimized the impact of critical incidents by proactively identifying and remediating issues before they
- ✓ Enhanced customer satisfaction by ensuring uninterrupted service delivery and minimizing disruptions.

BENEFITS

75% Downtime decreased by automated Issue detection and remediation.

90% Improved system availability with proactive issue resolution.

25% Rate customer retention increased Due to improved service reliability.

TESTIMONIAL

“ Neutrino's auto remediation solution has revolutionized our infrastructure management. We have significantly reduced downtime and can now respond to issues proactively, ensuring high availability for our customers. - **CTO, Cloud Infrastructure Provider.** ”

REMARKS

The implementation of auto remediation capabilities has empowered the client with self-healing infrastructure, resulting in improved system reliability, reduced downtime, and enhanced customer satisfaction.



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