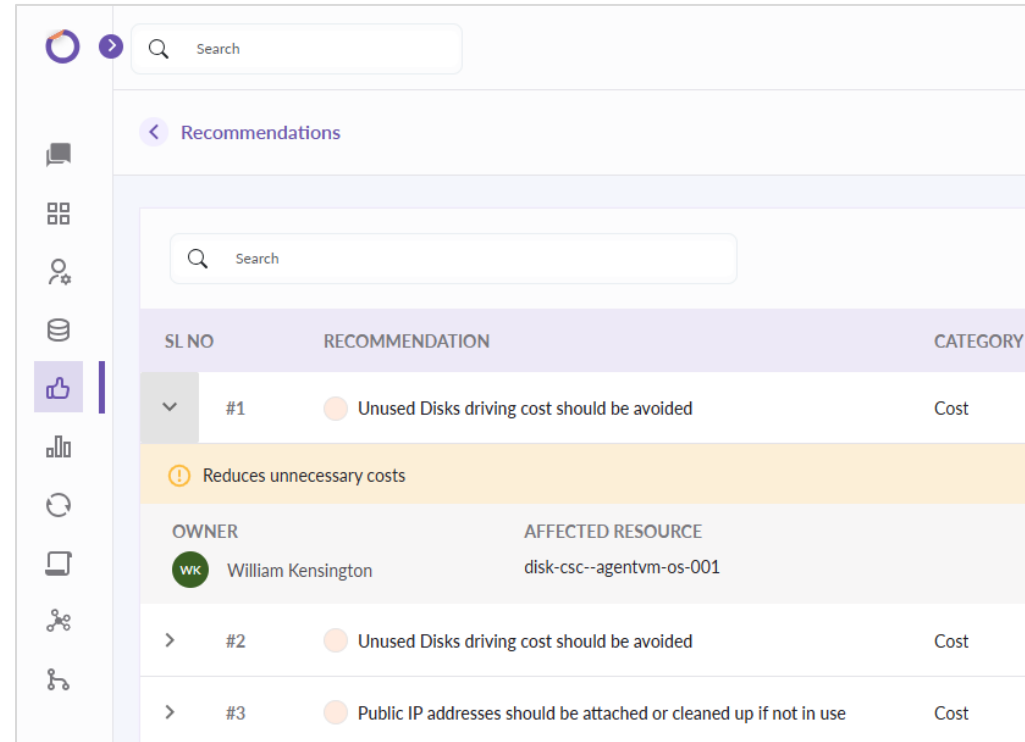


Accelerate Azure Resiliency with Automated Remediation Recommendations



About Onepane

Onepane proactively identifies resiliency gaps in your Azure environment, providing automated recommendations and Terraform-based remediations. It helps prioritize fixes based on impact, cost, and effort, ensuring high availability and stability for business-critical applications across all environments.

Strengthen Azure Resiliency with Intelligent Automation

Enhances Azure stability with proactive recommendations and automated remediations. By analyzing the cloud environment, it identifies resiliency gaps, prioritizes fixes based on impact and effort, and streamlines resolution with seamless Azure integration.

Ensures High Availability by maximizing uptime through the elimination of single points of failure, maintaining service accessibility even when individual components fail, and distributing traffic across multiple servers to seamlessly handle outages caused by issues such as application errors.

Drives Operational Excellence by taking a holistic approach to maintaining continuity through standardization and automation, significantly reducing risks from manual processes and human errors, including configuration drift by leveraging tools like Terraform to provision infrastructure and ensure consistent, reliable environments.

Benefits of Cloud Resiliency

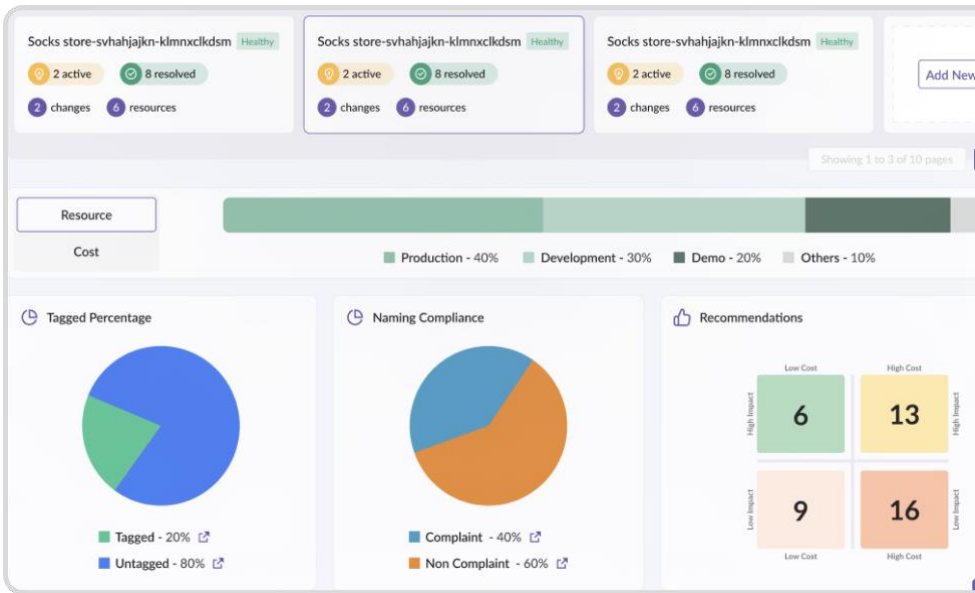
Reduced Downtime: A resilient cloud system can lessen user downtime by promptly recovering from faults.

Greater Adaptability: Resilient cloud systems can recover from faults and scale as necessary, making them more adaptable to changing needs and workloads.

Increased Availability: The ability to recover from errors and continue operating increases the system's overall availability.

Automated Resiliency Recommendations

continuously analyzes your Azure environment to detect potential resiliency gaps and provides proactive recommendations to prevent service disruptions, ensuring applications remain highly available



Effort, Cost & Impact Based Prioritization

Gain clear visibility into the impact, cost, and effort required for each recommendation. Onepane helps teams make informed decisions by prioritizing fixes that align with business-critical needs and operational efficiency

RECOMMENDATION	IMPACT	COST DELTA	EFFORT	AFFECTED RESOURCES
Deploy AKS cluster across availability zones	High	+\$120	1 hour	vm-bastion-prod-eastus-002
Run production workloads on two or more...	Medium	+\$150	2 hour	vm-bastion-prod-eastus-002
BENEFITS Enhanced fault tolerance for AKS		DESCRIPTION Production VM workloads should be deployed on multiple VMs and grouped in a VMSS Flex instance to intelligently distribute across the platform, minimizing the impact of platform faults and updates.		
Enable HA with zone redundancy	High	+\$510	1 hour	vm-bastion-prod-eastus-002
Reserve Compute Capacity for Mission criti...	High	-\$489	2 hour	vm-bastion-prod-eastus-002

IaC-Based Remediation for Seamless Fixes

Accelerate incident resolution with auto-generated IaC scripts for recommended fixes. Easily apply remediations with minimal manual intervention, ensuring a streamlined approach to maintaining a resilient Azure environment

Following these best practices for a production application, adjust tags as necessary:

1. Enable Node Auto-Scaling: Ensure efficient handling of variable workloads by enabling node auto-scaling.
2. Use a Custom VNet: Improve control and security by opting for a custom VNet.
3. Prefer Azure CNI: Opt for Azure CNI to enhance IP address management and integration with Azure services.
4. Consider Private Clusters: Enhance security by restricting control plane access through private clusters.
5. Enable Azure Monitor: Gain real-time insights and logging by enabling Azure Monitor.

Buttons: Confirm, Request Change

Just Now You

Confirm

Copilot Just Now 1min

Here is your terraform script

```
Terraform
param location string = resourceGroup.location
param clusterName string = 'myAKSCluster'
param nodeCount int = 3
```

Buttons: Terraform, Bicep, Copy

Helping Engineering Teams Organize Their Cloud

Elevate your cloud experience with automated governance, standardized naming, smart tagging, and resource optimization.

Define and enforce RTO/RPO by application tier based on criticality and run routine checks to ensure ongoing compliance.

Ensure High Availability setups such as redundancy and failover mechanisms are properly configured for each tier, while tracking SLAs to verify that uptime, performance, and availability targets are consistently met



Microsoft Azure is an ever-expanding set of cloud computing services to help your organization meet its business challenges. With Azure, your business or organization has the freedom to build, manage, and deploy applications on a massive, global network using your preferred tools and frameworks.

Learn more at
www.azure.com

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