RoboMate
Cloud Automation

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Agenda

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RoboMate

What is RoboMate?

▶ RoboMate is a cloud automation desktop tool that integrates multiple code languages through a powerful UI, providing streamlined deployments to Azure, AWS, and OCI in just a few clicks. RoboMate is designed to assess cloud environments for Resources, Identity & Security, Cost Analysis, and Charts, ensuring optimal performance across the three cloud providers.

▶ RoboMate offers customized deployment scenarios, providing a lot of deployment options using Azure Well Architected Framework, AWS Well-Architected Tool, OCI Security Best Practices, and the Microsoft Cybersecurity Reference Architecture.

▶ Additionally, RoboMate automates reporting, assessment, and management across Azure, AWS, and OCI, ensuring seamless cloud operations with consistent configurations and best practices.

Why are we using RoboMate? (Features)

RoboMate allows us to manage production environments in just a few clicks

RoboMate minimizes administrative efforts, converting hours of hard work into minutes.

RoboMate streamlines deploying resources, eliminating human errors and improving efficiency

RoboMate minimizes administrative efforts

RoboMate deployments are captured from real production customer environments, providing reliable use cases.

RoboMate automations are interactive, making it easy for the user to select their requirements.

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Integrated Cloud Operations and Optimization

▶ Compute: Manages automated deployment, scaling, and monitoring of compute resources across cloud environments (Azure, AWS, OCI).

▶ Security: Provides automated security assessments and compliance checks based on best practices, ensuring secure and compliant deployments.

▶ Identity: Streamlines identity management tasks, ensuring proper role-based access and monitoring.

▶ Cost Analysis: Delivers automated insights into cost management and optimization across multi-cloud setups.
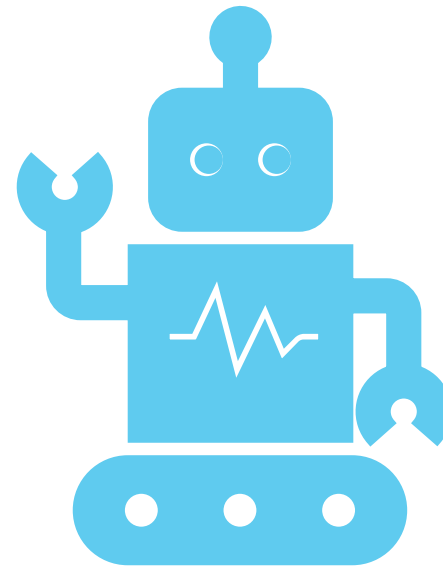
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Cloud Providers Support

▶ **Assessment:** RoboMate performs in-depth assessments across Azure, AWS, and OCI environments, including resources, security, identity, and cost analysis.

▶ **Reporting:** Generates comprehensive reports for security, compliance, and performance metrics, providing valuable insights into each cloud environment's status.

▶ **Automation:** Automates tasks such as resource deployment, updates, migrations, and deletions across Azure, AWS, and OCI, ensuring consistency and efficiency in multi-cloud management.

Reporting Options

RoboMate offers a wide range of reporting capabilities across Azure, AWS and OCI to help users effectively monitor their cloud environments. Here are some key reporting options

Resources Report: Provides an overview of all deployed resources.

Business Continuity Report: Highlights strategies for maintaining business operations.

Cost Optimization Report: Analyzes cloud expenses and provides recommendations for cost savings

Security Reports: Includes Initial Security Report and Advanced Security Report to evaluate AWS security configurations

Performance Optimization: Robo Mate ensures cloud workloads operate at peak efficiency by monitoring resource utilization and identifying bottlenecks

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RoboMate Cloud Automation - Assessments

► **RoboMate Cloud Automation** is an AI-driven assessment and automation tool designed to enhance cloud productivity. Key assessment features include:

• **Resource Assessment:** Offers comprehensive insights into resource usage and cloud costs for better management.

• **Charts Analysis:** Provides in-depth chart analysis to track performance trends and continuous improvement.

• **Cost Optimization**: Delivers actionable recommendations to optimize resource allocation and reduce unnecessary expenses.

RoboMate supports major platforms like **Microsoft Azure, AWS, OCI**, focusing on **reliability, security, cost, and performance.**

can watch the following demonstration videos Azure ,AWS, OCI

RoboMate Cloud Automation Assessments

Your previous assessments are readily accessible and can be reviewed at any time, as needed

RoboMate Cloud Automation - Reports

▶ RoboMate Cloud Automation provides a comprehensive range of reports in its assessments, helping you gain visibility across all cloud environments.

▶ Report types include:

▶ - Resources Inventory.
▶ - Cost Optimization.
▶ - Business Continuity.
▶ - Cloud Native Security.
▶ - Security Compliance.

▶ These assessments are available across all cloud environments.

▶ You can watch the following demonstration videos Azure ,AWS, OCI

RoboMate Azure Security Assessment Report

An example shows **RoboMate** Security Assessment For Azure

RoboMate Azure Security Assessment Report

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Report Date: 10/29/2024 2:02:02 PM

Tenant Name: Beyti

Tenant ID: 2671fe55-e43f-4cf3-829d-112803abff5a

Subscription Name: Microsoft Azure Enterprise

Subscription ID: db30e8e1-ccfd-498b-8e52-4ed2afccf8fa

Introduction

RoboMate Azure Security Assessment Report has been collected and populated throught the RoboMate Cloud Automation

The report is based on evaluation of security controls to determine the extent to which the controls are implemented correctly, operating as intended, and producing the desired outcome with respect to meeting the security requirements for an information system or an organization using Microsoft Cybersecurity refrence Architecture

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RoboMate Cloud Automation - Automation Profile

▶ Use RoboMate Cloud Automation for Azure, AWS, or OCI to deploy a wide range of automation profiles, including:

▶ - Complex Workloads Automation Deployments.

▶ - Landing Zones and Full Environmental Architecture Deployments.

▶ - Monitoring and Audit Deployments.

▶ - Resource Migration Across the Same Cloud Providers.

▶ - Security Hardening Deployment Plan Using Cloud-Native Security Frameworks.

▶ can watch the following demonstration videos Azure ,AWS, OCI

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Examples of "Create Your Deployment" Using RoboMate

This screenshot shows how **RoboMate** is used to create and manage deployments efficiently**.**

Thank You

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