Features and Capabilities

**Cloudamize is an app-centric analytics platform that provides data analysis and recommendations to speed and simplify cloud assessment and planning. Our platform can help you:**

» Map your entire infrastructure to know what applications are in use and how they are communicating.
» Prioritize quick win migration targets by identifying easy to migrate applications.
» Leverage automated application dependency mapping to gain a clear picture of application interconnectivity and performance metrics, so you can move to the cloud with confidence.
» Know what your infrastructure needs will be in the cloud and accurately understand cloud costs.

Armed with these insights, you can more quickly make accurate cloud decisions, ensure performance-cost optimization, and maximize the value of your cloud investments.

**Assess**

Assess calculates and compares precise TCO calculations across Amazon Web Services (AWS), Azure, and Google Cloud Platform (GCP) based on a detailed infrastructure performance analysis, so you can identify your best-fit cloud vendor and accurately forecast cloud costs.

» **Cloud Cost Calculator and Comparison:** Calculate and compare the TCO of moving to AWS, Azure, and Google Cloud Platform based on your current infrastructure performance profile, so you can identify which cloud will give you the best cost for your performance requirements and make the business case for moving to the cloud.
**Cloud Configuration Mapping:** Receive your recommended best-fit cloud configuration – including your optimal virtual machines, storage options, network settings, and pricing plan – within AWS, Azure, and GCP to accurately calculate your TCO based on your right-sized cloud.

**Performance Projection Analysis:** Receive a projected performance analysis on compute, storage, and network resources based on observed peak CPU utilization, allocated and peak RAM usage, storage capacity, occupancy, IOPS, and more. View a graphic, which can be drilled down to the machine level, that shows your current performance versus your performance with your recommended right-sized cloud configuration.

**Hybrid Performance Benchmarking:** Understand the performance profile of your compute, storage, and network resources in your on-premise and private clouds, and compare that to their projected performance and cost in the public cloud to inform your hybrid cloud decision-making.

**Custom Reporting:** Run “what if” scenarios by changing regions, pricing plans, discounting levels, instance types, instance families, and performance thresholds so that you can right-size your infrastructure based on your performance target.

**Plan**

Plan provides a complete visualization of your on-premises server environment from which data has been collected. It automates the discovery of applications across physical, virtual, and cloud environments and assesses dependencies and cloud suitability for each, so you can prioritize applications for migration and efficiently build a successful roadmap to the cloud.

**Application Discovery:** Automatically identify all applications and machines within the environment, and choose those considered with inventory settings.
- **Application Dependency Mapping**: Map all compute, storage, and network dependencies across your on-premises and cloud environments, including 3-tier/n-tier dependencies, and zoom in on individual dependencies to view details on all processes, such as executable names, application names and descriptions, vendor information wikis, and more to ensure a seamless migration.

- **Cloud Suitability Analysis**: Capture an application’s cloud compatibility and efficiency gain based on its performance profile, usage patterns, and available cloud options to prioritize applications for migration and determine which should stay on-premises.

- **Custom Migration Roadmap Planner**: Run “what if” scenarios for each move group by changing regions, pricing plans, discounting levels, instance types, instance families, and performance thresholds to decide migration priority of the move group. Manually group applications based on their dependencies, business uses, migration phases, tags, and more.

- **Migration Integration**: Cloudamize installs your migration tool to speed the process of moving workloads to the cloud, including visualization of migration statuses by machine.

- **Migration Plan Import**: Import the migration plan built in Cloudamize into existing migration tools and for each move group view its host name and its compute, network, and storage settings for the cloud.