

CloudBolt Capabilities for Amazon Web Services

AWS Services Supported

EC2, ELB, RDS, S3, CloudFormation Templates, CloudWatch Metrics



Instances, regions, VPCs, Marketplace and Private AMIs, key pairs, instance types

On VMs: tags, HW resources, IP addresses, instance ID

Discoverable Resources

Continuous Discovery and Refresh

Discovery and full management of resources created outside of CloudBolt, plus updating of known resources (including changes initiated outside of CloudBolt).



Scaling up and down, running scripts, power control, accessing SSH and RDP from within the browser, managing NICs and EIPs

Supported VM Management Actions

Multi-Environment Blueprints

CloudBolt blueprints can be set to be deployable to both AWS and any other set of clouds and virtualization systems.



CloudBolt integrates deeply with Ansible, Chef, and Puppet to provide consistent configuration across public and private cloud environments.

Configuration Management

Orchestration

CloudBolt has 43 distinct trigger points where admins can choose to execute additional instructions in CloudBolt actions. Five different types of actions are available: remote scripts, webhooks, email hooks, external orchestration flows in vRO or HP OO, and CloudBolt plug-ins.

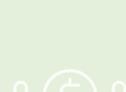


A weekly power schedule can be specified for VMs so that they are shut off during hours when they are not needed to save on costs.

Power Scheduling

Shareback/Showback/Shameback

CloudBolt interprets the rate data published by AWS (and other cloud providers) to provide cost estimates and comparisons when ordering, show costs across environments, groups, and sets of servers, and also generate exportable per-group billing and trend reports.



Services running in private virtualization systems can be set to scale to other environments (including public clouds) when they reach specified maximum thresholds, then back down when the load on the resources goes below minimum thresholds. This allows CloudBolt end users to build private environments for baseline load and rent resources for peak times.

Cloud Bursting

Expiration Dates

Yes, with per-environment and per-group configurable behavior at expiration time.



Limits are settable on groups, environments (clusters), and per-user.

Resource Quotas and Limits

Continuous Environment Testing

Orders can be set as CIT tests within CloudBolt so deployments are tested nightly to ensure a healthy build pipeline.



Yes, via integration with CloudEndure.

VM Migration to Public Clouds