AWS Monitoring/Management and Cost Optimization as MSP

Revision History

Date	Comment	Owner
02/09/2018	R&D on cloud monitoring tools for cost optimization	Sahana Jayaram (sahana.jayaramu@eplus.com)

What is MSP cloud?

A managed service provider (**MSP**) is a company that remotely manages a customer's IT infrastructure and/or end-user systems, typically on a proactive basis and under a subscription model.

What is MSP software?

A Managed Service Provider (**MSP**), also called a Management Service Provider, is a company that manages information technology services for other companies via the Web. An **MSP** client may use internal operations or an ASP to run its business functions. Managed Security Service. management **software**.

What is the MSP platform?

A managed service provider (**MSP**) **platform** is a computing framework used to deliver network-based services, applications, and equipment to enterprises, residences, or other service providers.

Cloud based **MSP tools** can streamline and automate operations like messaging, task management, customer relationship management and other day to day tasks. Below are **cloud tools MSP's** can use to streamline their **environment**.

Top 10 MSP Tools to win in the Cloud

https://www.getfilecloud.com/blog/2017/07/top-10-msp-tools-to-win-in-the-cloud/#.W44a4ugzY2w

The Guide to the Next-Generation MSP

https://www.ibm.com/midmarket/au/en/att/pdf/The_Guide_to_the_Next-Generation_MSP.pdf

MSP Software
https://www.capterra.com/msp-software/

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ScienceLogic is a leader in IT Operations Mangement, providing modern IT operations with actionable insights to resolve and predict problems faster in a digital, ephemeral world.

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Amazon Web Services (AWS) Management

- Gain Deep Visibility into Your Cloud
- Understand AWS Dependencies
- Optimize AWS Investments

https://sciencelogic.com/product/technologies/amazon-web-services (IMP)

Monitor the health and performance of your Amazon Web Services (AWS) infrastructure and all of your cloud and on-premises services and infrastructure from a single platform. Get a unified operational view of your entire IT universe—across multiple technologies, vendors, and clouds.

- **Keep your AWS resources healthy** with patented discovery, mapping, and pre-configured monitoring policies for AWS services and technologies; monitor additional AWS services and technologies with ease
- **Optimize investments in AWS** by discovering what you have, what you use, and what it connects to; place workloads optimized for latency, security, availability, and cost
- **Boost IT efficiency** by automating IT operational processes for both cloud and on-premises services

Monitor Your AWS Clouds Right Out-Of-The-Box

Get started with our library of pre-built apps

- CloudWatch
- Auto Scaling

- Billing
- DynamoDB
- EBS
- EC2
- ElastiCache
- Elastic Beanstalk
- Elastic Load Balancing
- RDS
- Route 53
- S3
- SNS
- SQS
- CloudFront
- CloudTrail
- Direct Connect
- EMR
- Glacier
- OpsWorks
- Redshift
- Storage Gateway
- VPC

Keep Your AWS Environments Healthy

Monitor the health and availability of your AWS network, storage, compute, operating systems, and other services.

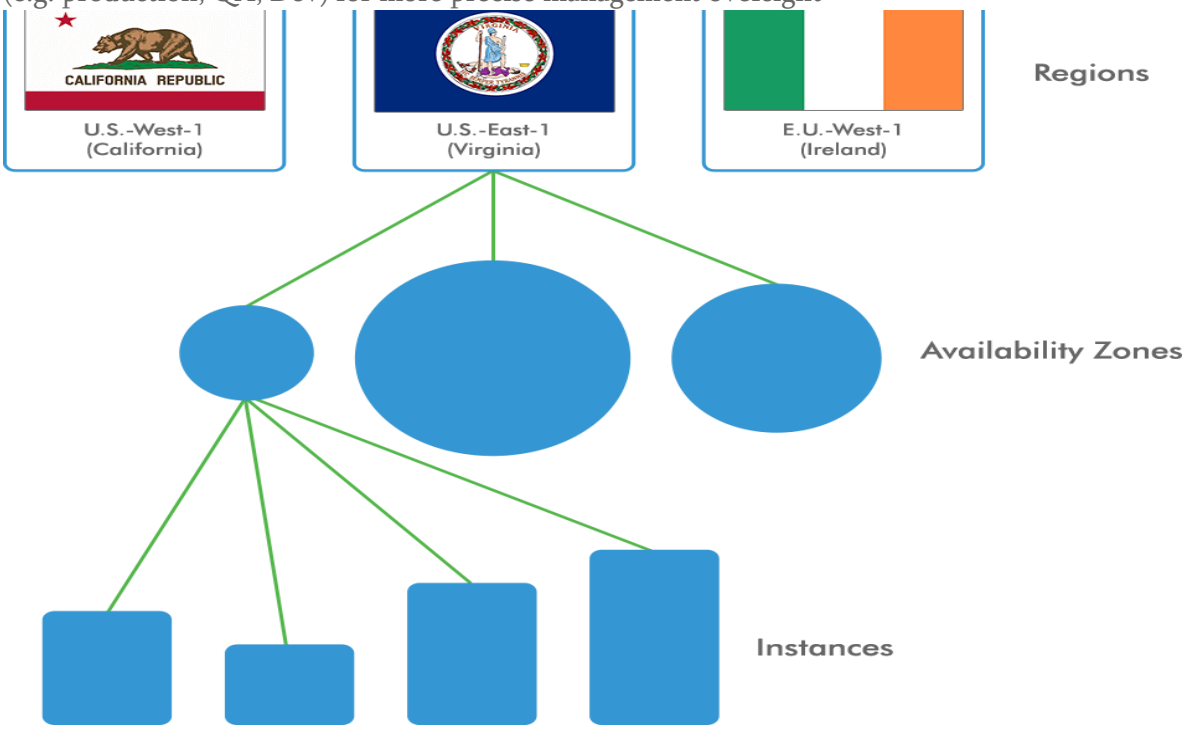
- Start monitoring immediately with pre-built monitoring policies for your AWS technologies
- View AWS resources, regardless of region or zone, in a single dashboard
- Drill into specific areas of concern
- See relationships between elements to understand impact and troubleshoot issues quickly
- Ensure service continuity with Direct Connect monitoring
- Monitor the health and performance of services and device groups, including all major Amazon core services such as EC2, EBS, RDS, and many more
- Compare performance over extended time
- Assess capacity usage, anomalies, and trends/forecasts for AWS components
- Alert on performance exceptions, configuration changes, and AWS resource status

Discover & Map All of Your AWS Services & Infrastructure

Automatically discover and keep track of changes in your AWS environments.

- Automatically discover all of your AWS resources

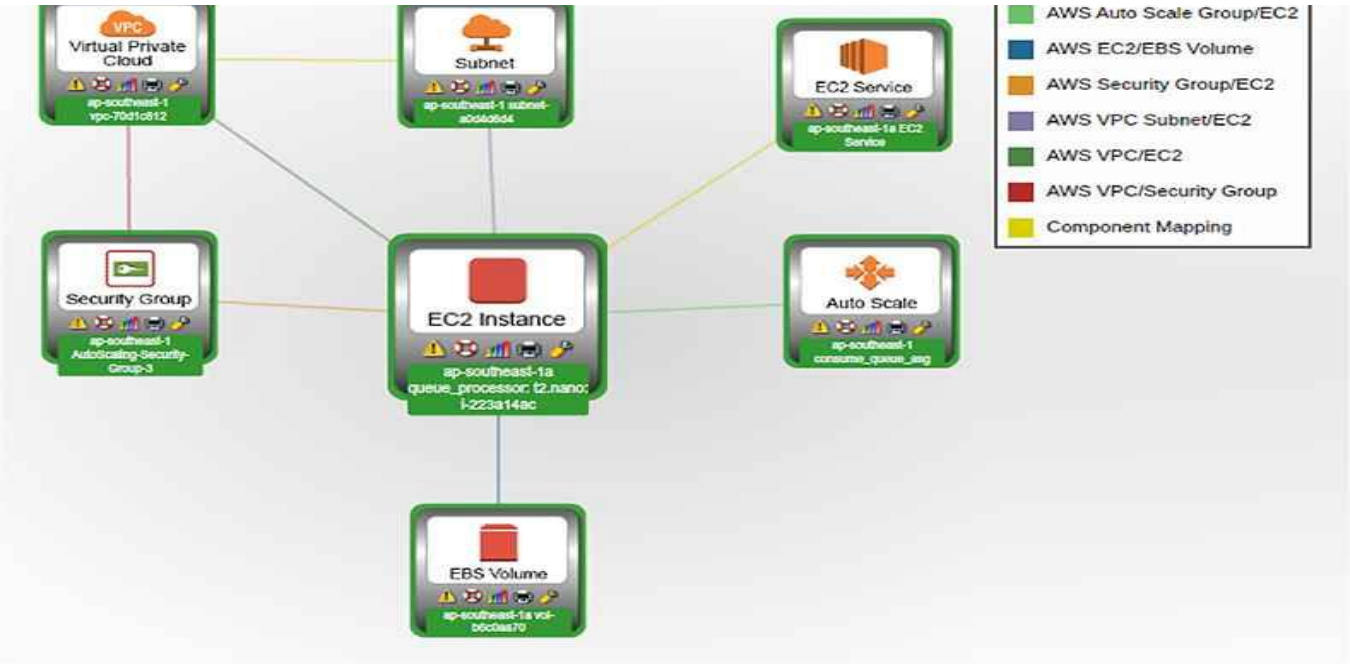
- Let ScienceLogic automatically keep you up-to-date about your dynamic AWS resources, as they are added and removed
- See any dependencies across technologies and vendors for your entire IT universe—in the cloud and on-premises
- Use AWS tags to automatically organize assets by function, group, app, or any other business logic (e.g. production, QA, Dev) for more precise management oversight



Provide Role-Specific Visibility into Your AWS Environments

Use a single platform to monitor everything, everywhere. See everything you need to see in order to make sure your AWS environment is working.

- Get role-specific visibility into all of your AWS services and infrastructure, across all regions and zones with built-in, best practice-based dashboards
- Segment visibility by user, business unit, geography, technology, and many other profiles



Get Hybrid & Multi-Cloud Visibility

Comprehensive visibility for AWS, Azure, SoftLayer, vCloud Air

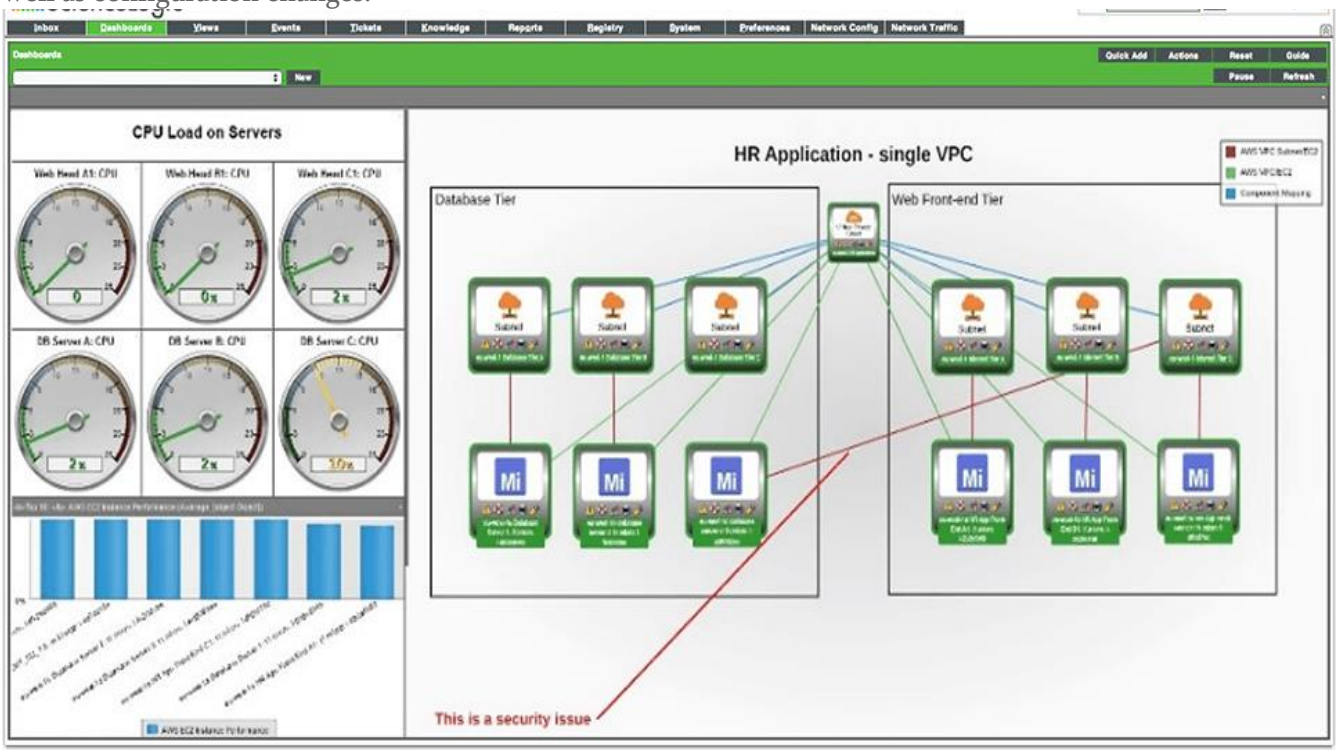
- Retain full cloud visibility across VMware vSphere-based private, public, and hybrid cloud environments with VMware Hybrid Link Mode and VMware Cloud on AWS
- Automatically monitor your entire IT universe—on premises and in multiple clouds—from a single console
- Ensure a consistent approach when managing multiple clouds and technologies
- Be prepared to support the needs of every business unit—whether in AWS, Azure, or any other cloud

- cloudstack open source cloud computing
- Azure
- Google Cloud Platform
- IBM Cloud

Troubleshoot & Resolve Issues Quickly

Have clear visibility into what's going on anywhere in your AWS cloud to make sure your services are up and running.

- Easily navigate relationships across clouds, on-prem infrastructure, and apps to speed problem resolution and ensure optimal performance
- Get as granular as you need to, visualizing every aspect of your AWS deployment
- Proactively detect and be alerted on configuration changes and performance issues
- Avoid finger-pointing and reduce MTTR for critical business services
- Utilize runbook automation for immediate response to performance or availability degradation as well as configuration changes.

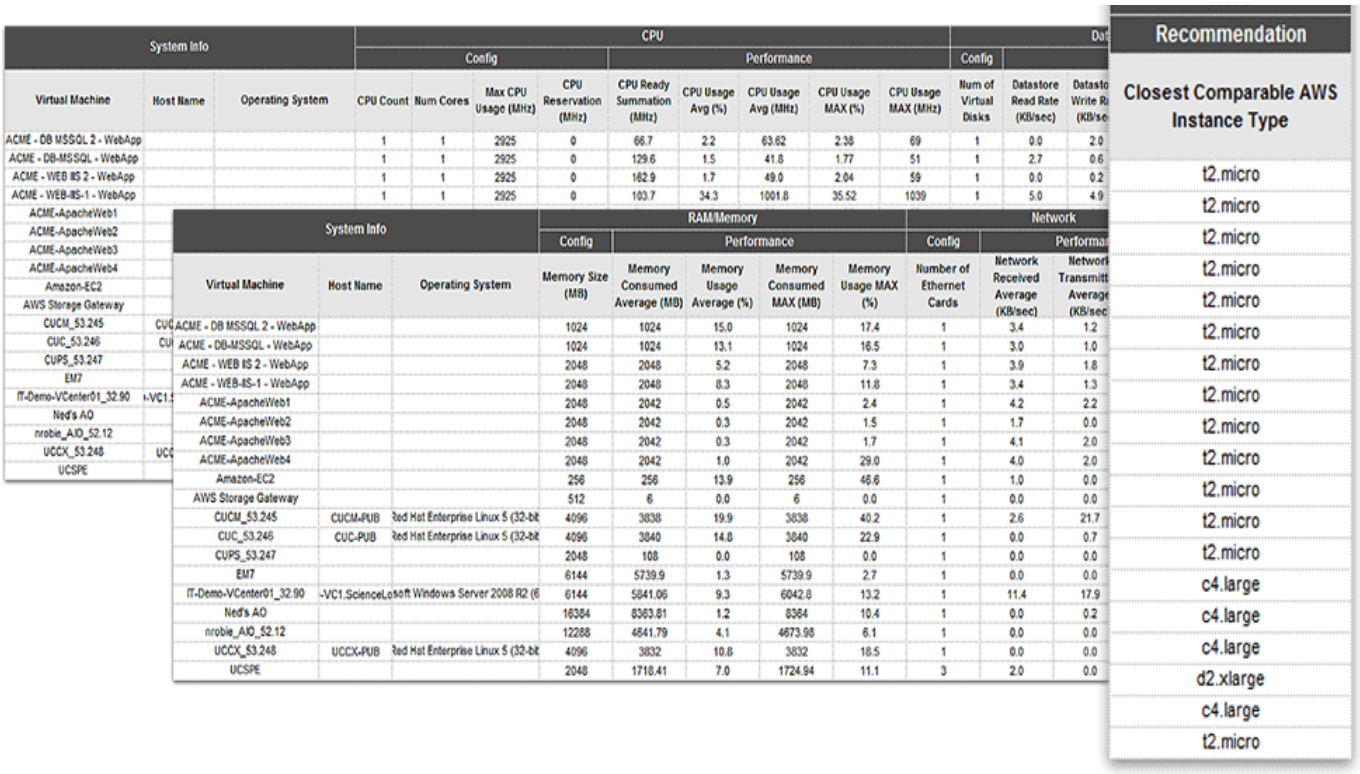


Prepare for a Smooth Migration to AWS

Quickly determine which on-prem workloads to migrate.

- Catalog existing workloads running on VMware, Hyper-V, and discrete servers
- Understand your workloads and their dependencies to plan for a smooth migration to the cloud
- Identify closest equivalent AWS instance for each workload

Read our cloud migration planning datasheet



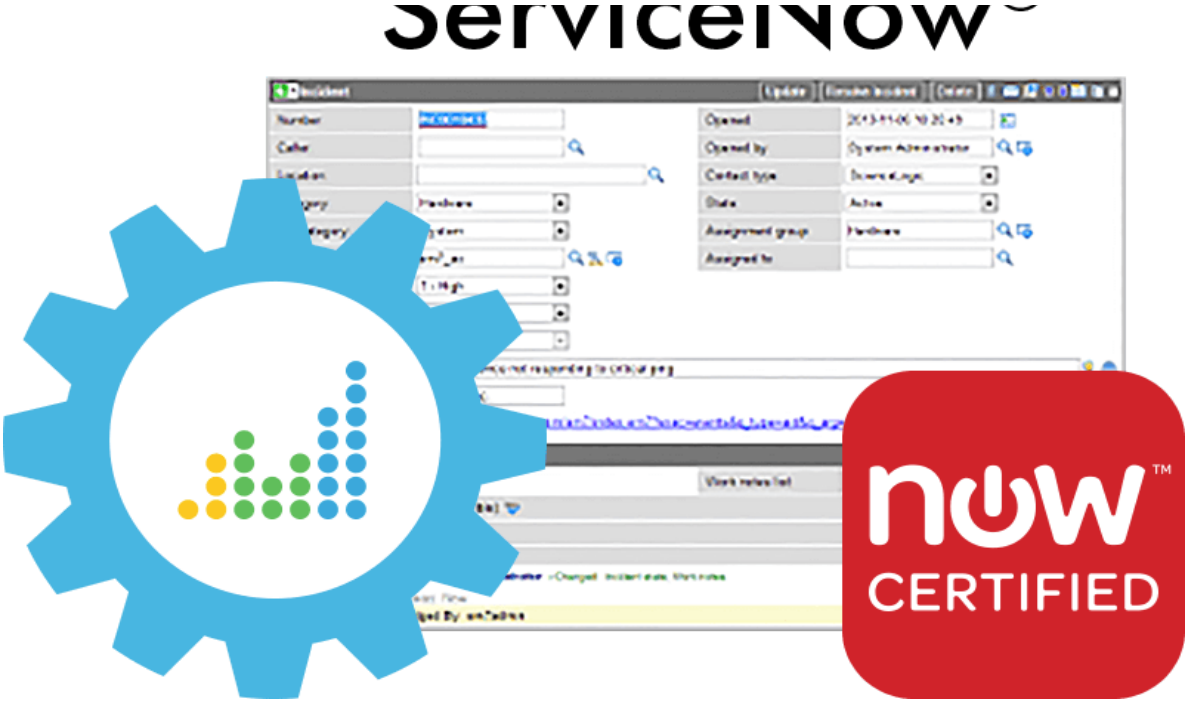
System Info			CPU												Recommendation
			Config				Performance					Config			
Virtual Machine	Host Name	Operating System	CPU Count	Num Cores	Max CPU Usage (MHz)	CPU Reservation (MHz)	CPU Ready Summation (MHz)	CPU Usage Avg (%)	CPU Usage Avg (MHz)	CPU Usage MAX (%)	CPU Usage MAX (MHz)	Num of Virtual Disks	Datastore Read Rate (KB/sec)	Datasto Write R (KB/se	Closest Comparable AWS Instance Type
ACME - DB MSSQL 2 - WebApp			1	1	2925	0	66.7	2.2	63.62	2.38	69	1	0.0	2.0	t2.micro
ACME - DB-MSSQL - WebApp			1	1	2925	0	129.6	1.5	41.8	1.77	51	1	2.7	0.6	t2.micro
ACME - WEB IIS 2 - WebApp			1	1	2925	0	162.9	1.7	49.0	2.04	59	1	0.0	0.2	t2.micro
ACME - WEB-IIS-1 - WebApp			1	1	2925	0	103.7	34.3	1001.8	35.52	1039	1	5.0	4.9	t2.micro
ACME-ApacheWeb1															t2.micro
ACME-ApacheWeb2															t2.micro
ACME-ApacheWeb3															t2.micro
ACME-ApacheWeb4															t2.micro
Amazon-EC2															t2.micro
AWS Storage Gateway															t2.micro
CUCM_53.245	CUC														t2.micro
CUC_53.246	CU														t2.micro
CUPS_53.247															t2.micro
EM7															t2.micro
IT-Demo-VCenter01_32.90	-VC1.S														t2.micro
Ned's AO															t2.micro
nrobie_AIO_52.12															c4.large
UCCX_53.248	UCC														c4.large
UCSPE															c4.large

System Info			RAM/Memory					Network		
			Config	Performance				Config	Performa	
Virtual Machine	Host Name	Operating System	Memory Size (MB)	Memory Consumed Average (MB)	Memory Usage Average (%)	Memory Consumed MAX (MB)	Memory Usage MAX (%)	Number of Ethernet Cards	Network Received Average (KB/sec)	Networ Transmitt Average (KB/sec
ACME - DB MSSQL 2 - WebApp			1024	1024	15.0	1024	17.4	1	3.4	1.2
ACME - DB-MSSQL - WebApp			1024	1024	13.1	1024	16.5	1	3.0	1.0
ACME - WEB IIS 2 - WebApp			2048	2048	5.2	2048	7.3	1	3.9	1.8
ACME - WEB-IIS-1 - WebApp			2048	2048	8.3	2048	11.8	1	3.4	1.3
ACME-ApacheWeb1			2048	2042	0.5	2042	2.4	1	4.2	2.2
ACME-ApacheWeb2			2048	2042	0.3	2042	1.5	1	1.7	0.0
ACME-ApacheWeb3			2048	2042	0.3	2042	1.7	1	4.1	2.0
ACME-ApacheWeb4			2048	2042	1.0	2042	29.0	1	4.0	2.0
Amazon-EC2			256	256	13.9	256	46.6	1	1.0	0.0
AWS Storage Gateway			512	6	0.0	6	0.0	1	0.0	0.0
CUCM_53.245	CUCM-PUB	Red Hat Enterprise Linux 5 (32-bit	4096	3838	19.9	3838	40.2	1	2.6	21.7
CUC_53.246	CUC-PUB	Red Hat Enterprise Linux 5 (32-bit	4096	3840	14.8	3840	22.9	1	0.0	0.7
CUPS_53.247			2048	108	0.0	108	0.0	1	0.0	0.0
EM7			6144	5739.9	1.3	5739.9	2.7	1	0.0	0.0
IT-Demo-VCenter01_32.90	-VC1.ScienceLo	soft Windows Server 2008 R2 (6	6144	5841.06	9.3	6042.8	13.2	1	11.4	17.9
Ned's AO			16384	8363.81	1.2	8364	10.4	1	0.0	0.2
nrobie_AIO_52.12			12288	4641.79	4.1	4673.98	6.1	1	0.0	0.0
UCCX_53.248	UCCX-PUB	Red Hat Enterprise Linux 5 (32-bit	4096	3832	10.8	3832	18.5	1	0.0	0.0
UCSPE			2048	1718.41	7.0	1724.94	11.1	3	2.0	0.0

Integrate with Your IT Management Ecosystem

Easily integrate with other IT management solutions for full visibility and optimization of your IT services.

- Use ScienceLogic's integrated ticketing and asset management or integrate with popular third-party systems like ServiceNow
- Use ScienceLogic's RESTful APIs to share data with third-party CMDB, analytics, and reporting tools, etc.
- Use our simple GUI editor to easily configure events and incidents to launch in-context to popular third-party products such as service desk, CMDB, APM/NPM, and more



For Service Providers

- Scalable, multi-tenant service assurance platform for service delivery and revenue generation
- Rapid deployment to multiple customers with low administrative overhead
- Grow your cloud and hybrid IT services with our MSP JumpStart program
- Create new managed services for AWS, multi-cloud, private cloud, and more

Learn More

Register for MSP JumpStart

ScienceLogic For - Unified Management for Microsoft Azure Accelerate Your Journey to Cloud

https://sciencelogic.com/product/technologies/microsoft/azure (IMP)

The ScienceLogic platform uses Azure APIs, including Azure Resource Manager (ARM), to interface with Microsoft Azure. The platform also uses a wide variety of techniques, such as

SNMP, WMI, PowerShell, SSL, REST API, and more, to interface with other modern technologies both inside and outside the data center.

ServiceNow® CMDB & Incident Automation

Improve Data Reduce • Achieve Real-Time CMDB Accuracy • Reduce Noise • Improve Change Management Workflows

https://sciencelogic.com/product/technologies/servicenow

ServiceNow's CMDB (Configuration Management Database) helps organizations track and manage their incidents, problems, changes, and service requests. ScienceLogic's broad discovery and monitoring capabilities, integrated with ServiceNow enriches the CMDB and delivers clean, actionable data that helps IT operations resolve issues faster.

Learn how to integrate ScienceLogic with ServiceNow

Select the Integration that Works for You

Most monitoring tools that integrate with ServiceNow only offer one basic integration, causing a flood of events and/or incidents in ServiceNow. ScienceLogic took a different approach and offers several intelligent integrations:

IT Infrastructure & Cloud Discovery
Patented Auto-Discovery Reveals Your Entire Hybrid IT Infrastructure

https://sciencelogic.com/product/discovery

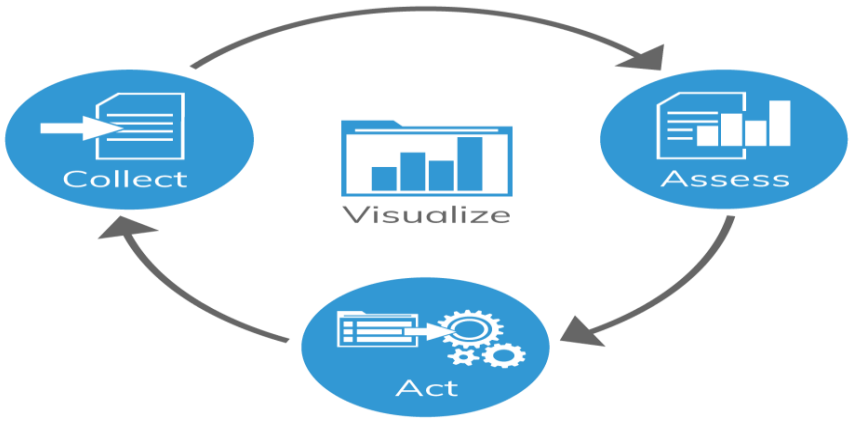
Discover Any IT Resource, Anywhere, Any Time

Best-Practice Data Monitoring Policies & Templates

Gain Actionable Insights • Adopt New Technologies Faster • Automate & Simplify Administration

Pre-Configured, Best Practice Monitoring Policies

Monitoring policies define what data to collect, how to synthesize and evaluate any combination of data to generate smart events, what actions to trigger when those events occur, and how to present the data and events within role-specific dashboards and reports.



Collection Policies

Automatically collect and track configuration, asset (licensing, serial numbers, etc.), status, and performance metrics for elements and services.

- Collect any data from any element or service using a variety of data collection techniques
- Use a combination of synchronous and asynchronous collection methods
- Automatically select the best methods and metrics to collect common KPIs like CPU, memory, network latency, and storage capacity using any supported protocol or collection method
- Automatically derive metrics from collected data to ensure consistent meaning across vendors and products
- Easily tune out-of-the-box collection policies to meet specific needs

Assessment Policies

Eliminate event noise that plagues event managers/operators by generating essential KPIs and smart events for automated actions.

- Assess availability, health, risk, and other KPIs for elements and services
- Tune or create new assessment policies for availability, health, risk or a single KPI and apply them to every affected element
- Automatically set dynamic thresholds and assessment policies based on defined condition
- Give new elements assessment policies automatically to ensure consistency
- Tune or define when events are triggered from any combination of availability, health, risk or any other metric meeting some criteria
- Suppress events based upon point-and-click rules
- Tune event severity based upon business importance

Learn about Event Management

Action Policies

Automate remediation steps tuned to your specific needs.

- Use a point and click UI to easily configure automated actions, such as create a ticket, restart services, notify someone, or escalate to a higher tier after some period of time
- Extend to automate more complex actions or remediation workflows
- Configure built-in event and ticket escalation procedures to ensure issues are addressed quickly and comply with SLAs

Learn about automation

Visualization

Present the right information to the right users with minimal administrative effort.

- Automatically present the right information to the right users based on each user's role and assigned permissions
- Build a dashboard one time and present the information to users based on each users' defined role and inherited permissions
- Make summary drill-downs specific to each technology and user role

Learn more about dashboard analytics

Examples

- Show different IT services delivered to each line of business (LOB) at a high level and allow technical teams within each LOB to drill into the details
- Tune pre-configured policies for Microsoft Exchange to adjust the message count and storage thresholds, and apply the updated policies to all exchange servers for consistent behavior
- Tune pre-configured AWS instance policies to adjust the utilization and alarm thresholds for any instances tagged for development or QA, and apply the standard AWS policies to any instances tagged for production. When new instances spin up, the appropriate policies are assigned automatically.

IT Performance Reporting & Dashboards

Visualize Real-Time IT Performance • Identify & Troubleshoot Issues • Spot Changing Capacity Needs.

https://sciencelogic.com/product/dashboard-analytics

Live Dashboards

See the information that matters in a single, customized view with ScienceLogic's role-specific dashboards. Build real-time, highly intuitive dashboards to monitor key parameters in your business—as they happen. From internal and external SLA parameters to element-specific and overall performance metrics, the ScienceLogic solution flexes to meet your business needs, regardless of size:

Build custom dashboards in minutes

Build multiple user-specific dashboards with secure, partitioned access

Link dashboards to IT services, individual elements, or groups

Visualize your entire IT stack, no matter where it resides.

Create service-based views in minutes based on automated dependency maps and tagging that show all related service components

Expose dashboards to multiple stakeholders with secure partitioned views

VMware Infrastructure Management and Monitoring

Visualize & Monitor VMware Topology, Configuration, & Performance

https://sciencelogic.com/product/technologies/vmware

ScienceLogic PowerPacks

https://sciencelogic.com/product/powerpacks#vendor=amazon&technology=all&type=all

With hundreds of packaged management apps—organized by functionality into PowerPacks—ScienceLogic helps you monitor just about everything in your environment. If ScienceLogic doesn't monitor a technology out-of-the-box, you can quickly and easily build your own PowerPacks to monitor your custom equipment and applications.

Browse our PowerPack library below to see what we already cover, including applications shared by customers and partners. If you don't find what you're looking for, you can easily build your own PowerPack, and save others from doing the same, by contributing back to the community. If you need help, give us a shout. We're happy to show you how you can easily build your own, using our built-in, GUI-driven editor

Cloud Monitoring & Management using ScienceLogic

https://sciencelogic.com/product/technologies/cloud

Key Capabilities:

- Discover private, public, hybrid, and Multi-Cloud resources—Dynamically
- Establish dependency mapping—Automatically
- Ensure optimal cloud performance—Easily with a unified view of all your clouds

Get Public Cloud, Hybrid & Multi-Cloud Visibility
Comprehensive visibility for **Amazon Web Services**, **Azure**, **IBM Cloud**, Google Cloud Platform, Alibaba Cloud

- Automatically monitor your entire IT universe—on premises and in multiple clouds—from a single console
- Ensure a consistent approach when managing multiple clouds and technologies
- Be prepared to support the needs of every business unit—whether in AWS, Azure, or any other cloud

See Everything in Your Clouds
It's easy—with our appliance-based platform, you can monitor:

- Any cloud
- Any vendor

Use One Platform for It All

ScienceLogic is a single solution to automate discovery of your private and public cloud. You only need one platform and one skillset to manage your cloud infrastructure. You also save time on new deployments because you can configure monitoring with our technology.

Monitoring Amazon Web Services

https://sciencelogic.com/product/resources/amazon-web-services-monitoring

Monitoring Amazon Web Services

Increase IT efficiency, control cost, and improve service performance and delivery.

Watch our Product Demo
See How ScienceLogic Meets Your Hybrid IT Service Assurance Needs

Watch this demo and discover how ScienceLogic's next-generation IT service assurance platform can help you:

- Gain visibility into your entire IT universe—on prem and in the cloud
- Take advantage of over hundreds of pre-built monitoring applications built by ScienceLogic and our community of users
- Build your own PowerPacks and custom dashboards with ease

Submit your information now and learn why companies of all sizes rely on ScienceLogic solutions for IT service assurance!

https://sciencelogic.com/watch-product-demo

See everything across your entire ecosystem with a 30 day Free Trial. No credit card required.

https://engineyard.appfirst.com/accounts/signup/

Get Started with a Free Trial

See everything across your entire ecosystem with a 30 day Free Trial. No credit card required.

Sahana

Jayaram

ePlus Technologies

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See Everything

By clicking the button above, you agree to the ScienceLogic terms and conditions.

Already a user? Login here

ScienceLogic <noreply@sciencelogic.com>
Wed 9/5/2018 2:00 PM

To: Sahana Sompura Jayaramu;

- To help protect your privacy, some content in this message has been blocked. To re-enable the blocked features, click here.
- To always show content from this sender, click here.

Hi Sahana,

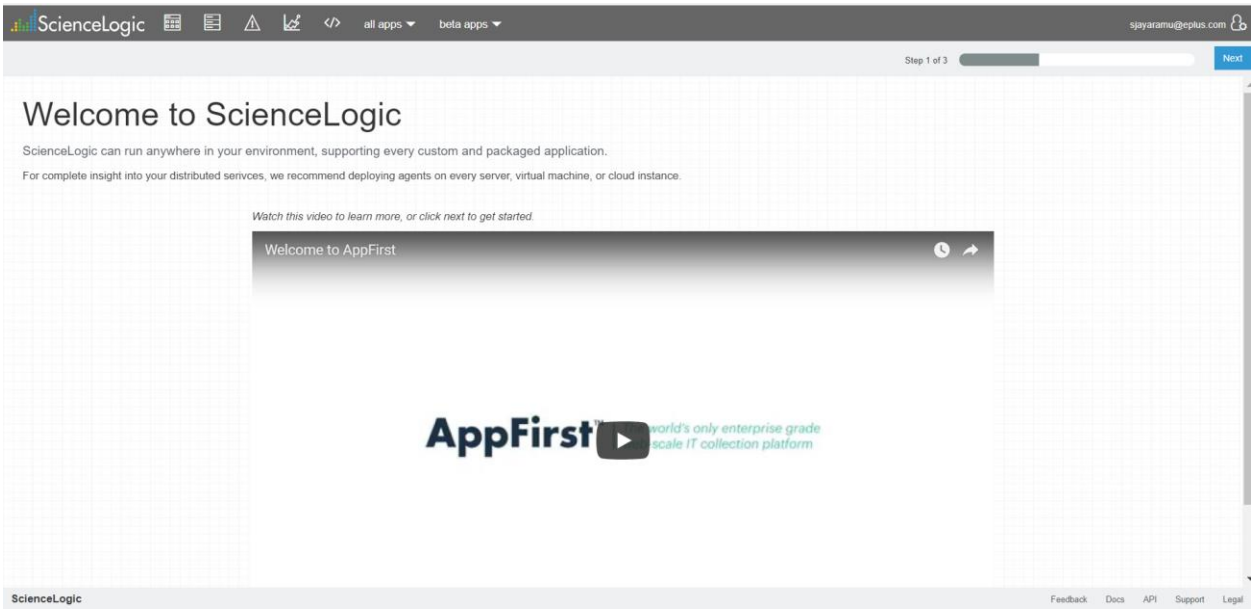
Thanks for signing up for ScienceLogic! Click here to activate your account. If the link doesn't work, please log in with your email address and password and enter your API key when prompted.

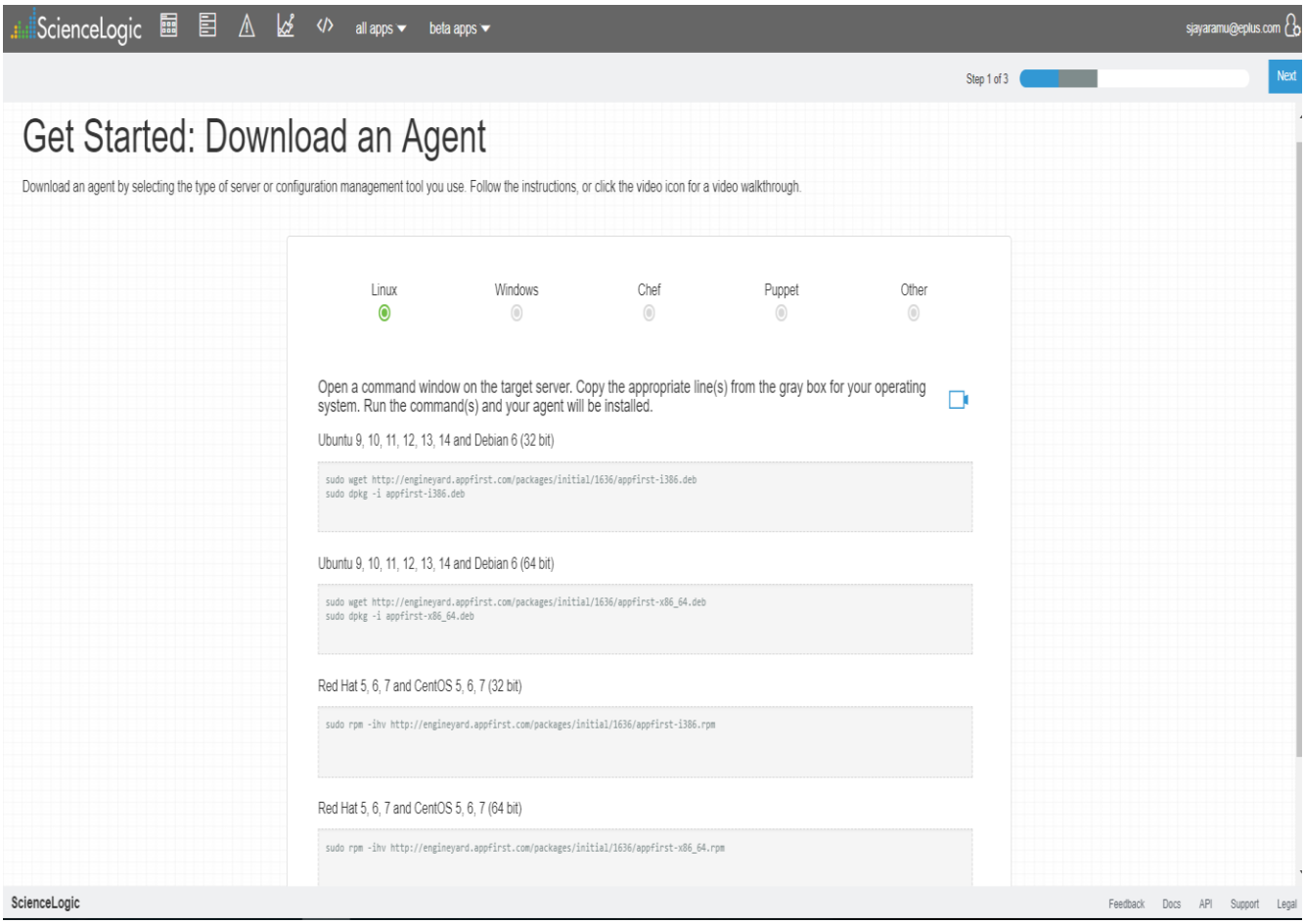
API Key: 768772647

Once you've logged in, download some agents and start setting up your account!

If you have any questions or comments, send us an email.

Have fun!
The ScienceLogic Team

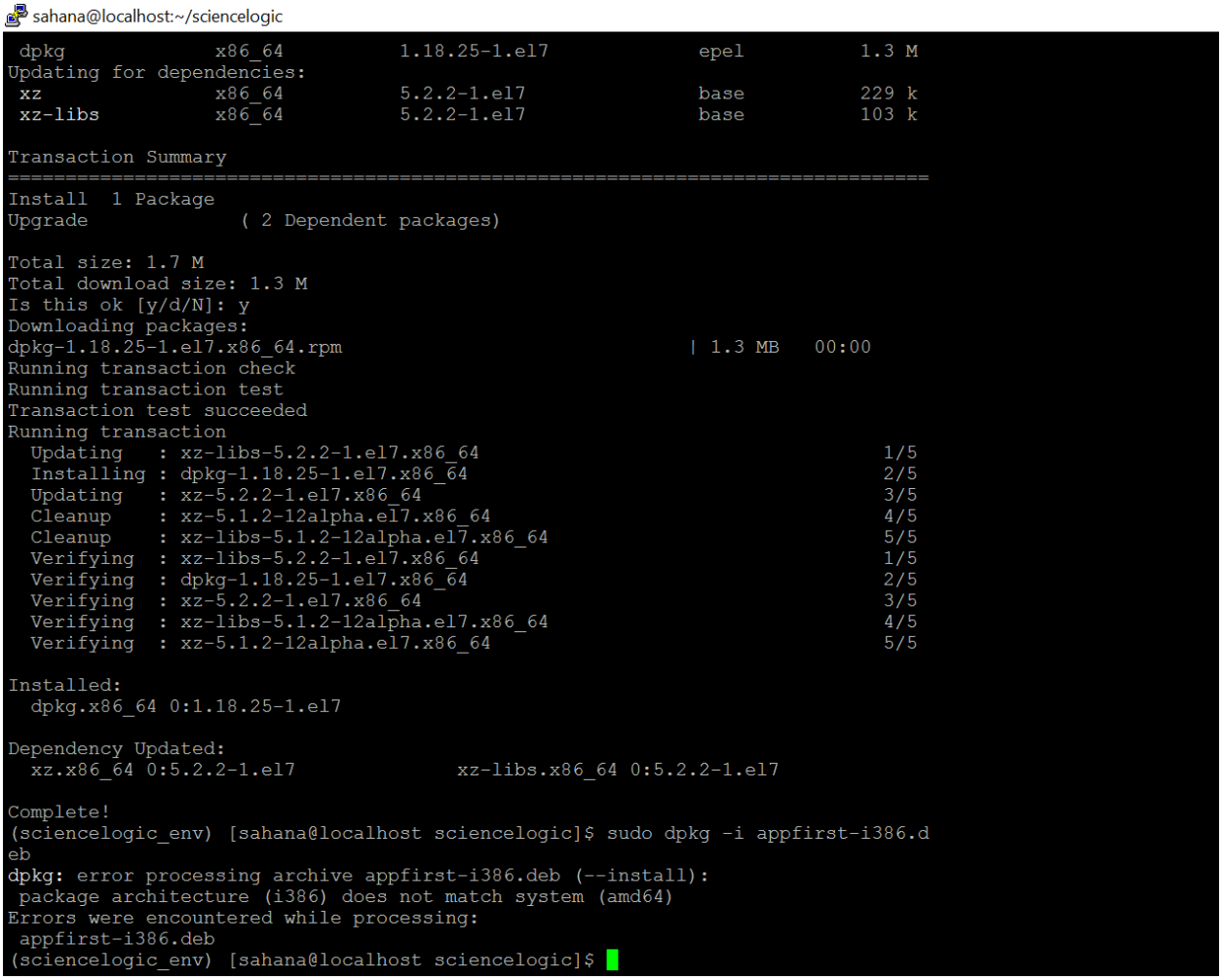




sudo wget http://engineyard.appfirst.com/packages/initial/1636/appfirst-i386.deb

sudo yum install dpkg

sudo dpkg -i appfirst-i386.deb



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CloudHealth

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CloudHealth - Leader in Cloud Cost Monitoring and Optimization by Independent Research Firm.

https://www.cloudhealthtech.com/company/press/press-releases/cloudhealth-technologies-named-leader-cloud-cost-monitoring-and-optimization-report

Start managing your cloud costs, usage, security, and performance in one place.

Whether you are using AWS, Azure, Google, or a multi-cloud environment, CloudHealth Technologies brings you the most trusted cloud management platform with proven results:

- Customers save an average of 20-30% in monthly cloud spend
- CloudHealth users are 3X more likely to optimize cost in the cloud
- 97% customer satisfaction and retention rate
- Free for 14 days, try our cloud management platform today

Thousands of organizations like Pinterest, Yelp, Amtrak, and Dow Jones are leveraging the CloudHealth platform to better optimize their cloud environment. Start your 14-day free trial today.

https://go.cloudhealthtech.com/free-trial-signup.html?main-nav

Cloudhealth Video

Webinar | Help Azure Customers Maximize Their Cloud Investment Through CSP (IMP)

https://go.cloudhealthtech.com/thanks-wc-msp-help-your-azure-csp-customers-maximize-cloud-investment-channelco.html?aliId=32277380

How can you boost your margins and get the most out of the Azure CSP Program? As a managed service provider, you have to offer world-class services and solutions that help your customers maximize their cloud investments.

Watch the replay of this ChannelCast with CRN's Joe Tsidulko, CloudHealth Technologies and The Channel Company for tips on how to boost efficiency, differentiate your offerings and monetize your public cloud business.

Learn how to:

- Provide greater visibility into Azure Cloud cost, usage, and performance.
- Extend your service profile to deliver cloud management services, such as migration assessments, and ongoing optimization.
- Give your customers confidence to grow their cloud usage.
- Implement business policies to facilitate governance of your clients' cloud.

This free guide delivers a collection of proven best practices to help you successfully manage Amazon EC2 Reserved Instances. The benefits include:

- A breakdown of new reservation types and general usage
- Best practices for effective planning, managing, and optimizing reservation purchases
- How to modify existing reservations to match cloud usage over time
- How to leverage cloud usage patterns to define policies and automate resource optimization

https://go.cloudhealthtech.com/eb-ultimate-guide-aws-ec2-reserved-instances.html

AMAZON WEB SERVICES AND CLOUDHEALTH
https://www.cloudhealthtech.com/partners/cloud-and-infrastructure-platforms/aws

10 Best Practices for Reducing Spend in AWS

http://go.cloudhealthtech.com/rs/933-ZUR-080/images/eBook_10%20Best%20Practices%20for%20Reducing%20Spend%20in%20AWS.pdf

https://go.cloudhealthtech.com/thanks-eb-10-best-practices-for-reducing-spend-in-aws.html?aliId=32277396

Automate Your Cloud Cost Efficiency

https://www.cloudhealthtech.com/solutions/improve-cloud-cost-management

HYBRID AND MULTI-CLOUD ENVIRONMENTS

(Simplify Hybrid and Multi-Cloud Management Complexity)

https://www.cloudhealthtech.com/solutions/manage-hybrid-or-multi-cloud-environments

Cloudhealth Resources: (IMP)

https://www.cloudhealthtech.com/resources

Automate Your Cloud Cost Efficiency

https://www.cloudhealthtech.com/solutions/improve-cloud-cost-management

Configuring AWS Monitoring

The following sections describe how to configure and discover Amazon Web Services and component devices for monitoring by the ScienceLogic platform using the *Amazon Web Services* PowerPack:

https://docs.sciencelogic.com/8-9-0/Content/Web_Vendor_Specific_Monitoring/AWS/aws_configure_monitoring.htm?TocPath=Section%20IX.%20Vendor-specific%20Monitoring%7CMonitoring%20Amazon%20Web%20Services%7CConfiguring%20AWS%20Monitoring%7C____9

Cloud-based MSPs act as cloud service resellers and provide their own integrated cloud management and support services. Handling multiple cloud consumers, MSPs need to overcome the great challenges and centralize the cloud environments management in order to report cloud costs for each of their clients with exceptionally trustworthy and efficient services while achieving cloud operations efficient at any given moment

MSPs have great challenges to overcome when managing cloud environments, and must provide their clients with exceptionally trustworthy and efficient services. MSPs should leverage the cloud's flexible nature to prove that their clients' environments are efficient at any given moment.

or

THE SOLUTION

Cloud-based MSPs act as cloud service resellers and provide their own integrated cloud management and support services. Handling multiple cloud consumers, MSPs need to overcome the great challenges and centralize the cloud environments management in order to report cloud costs for each of their clients with exceptionally trustworthy and efficient services while achieving cloud operations efficient at any given moment.

ePlus.Inc leverage **ScienceLogic** and **Cloudhealth** cloud monitoring tools, which are used for monitoring/ management the performance of cloud infrastructure and cost optimization services for customers as a managed service offering.

A cloud monitoring tool can provide a visually appealing, intuitive interface to allow system administrators to view network data and results, and identify problems or bottlenecks.

IMPORTANT LINKS:

Cisco - ScienceLogic EM7 Network Management Guide

https://www.cisco.com/c/dam/en/us/td/docs/solutions/SBA/February2013/Cisco_SBA_BN_ScienceLogicNetworkManagementGuide-Feb2013.pdf

ScienceLogic Enterprise Manager 7 (EM7) Review

https://ucsguru.com/2013/09/06/sciencelogic-enterprise-manager-7-em7-review/

Amazon Managed Services

http://www.clearpathsg.com/aws/managed-amazon-web-services/

ScienceLogic Use Case for AWS: End-to-End Visibility

https://www.youtube.com/watch?v=nxVKumPd-kU

ScienceLogic EM7: Network performance monitor overview

https://searchnetworking.techtarget.com/feature/ScienceLogic-EM7-Network-performance-monitor-overview

The Ultimate Guide to Amazon EC2 Reserved Instances

http://go.cloudhealthtech.com/rs/933-ZUR-080/images/The%20Ultimate%20Guide%20to%20AWS%20EC2%20Reserved%20Instances.pdf

The following sections describe how to configure the the ScienceLogic platform to monitor Amazon Web Services:

https://portal.sciencelogic.com/files/documentation/7_3/monitoring_aws/sciencelogic_monitoring_aws.htm

- ***Configuring the Amazon Web Services Credential***
- ***Creating an AWS Virtual Device***
- ***Aligning the AWS Dynamic Applications***
- ***Viewing AWS Component Devices***
- ***Configuring the AWS Dashboards***

- ***Amazon API Throttling Events***
- ***Configuring AWS to Report Billing Metrics***

AWS Discovery With ScienceLogic

https://www.youtube.com/watch?v=IoMRdSVWSBc

Amazon Web Services

AWS Windows EC2 instance automation example.
Shows how EM7 can be configured to automatically:

- *Create an EC2 instance device when an instance is spun up in AWS*
- *Discover the instance using PowerShell, based on an AWS tag used to identify the PowerShell credential to be used*
- *Merge the EC2 device with the PowerShell discovered device and set to the correct Windows device class*
- *Create a new dynamic device group, again based on a tag from AWS*
- *Finally, terminate the device in AWS and clean up the environment in EM7*

https://sciencelogic.com/project/amazon-web-services-2

Map Your AWS Cloud with ScienceLogic

https://www.youtube.com/watch?v=lavEurqz6YQ

Five monitoring challenges you need to overcome to maximize the full potential

https://www.ca.com/en/blog-highlight/five-monitoring-challenges-need-overcome-maximize-full-potential-public-cloud.html

Present Status and Challenges in Cloud Monitoring Framework: A Survey

https://ieeexplore.ieee.org/document/7870228/

Top Challenges for Monitoring Applications Across Multiple Cloud Providers

https://blogs.oracle.com/managementcloud/top-challenges-for-monitoring-

applications-across-multiple-cloud-providers

AWS Cloud Automation Using Python & Boto3 Scripts – Complete Guide

https://www.botmetric.com/blog/aws-cloud-automation-python-boto3-scripts/

ScienceLogic EM7 Collector

https://aws.amazon.com/marketplace/pp/B018GEROHI

Usage Instructions: How to install and configure your EM7 Collector on AWS: https://portal.sciencelogic.com/download/file/fid/9108

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Top eight business ruining challenges that managed service providers should overcome today

http://www.racknap.com/blog/top-eight-business-ruining-challenges-that-managed-service-providers/

5 Challenges and Tips for Cloud Managed Service Providers (Cloud MSPs)

https://www.cloudyn.com/blog/5-challenges-and-tips-for-cloud-managed-service-providers-cloud-msps/

https://www.cloudhealthtech.com/resources

10 best practices for reducing spend in AWS

http://go.cloudhealthtech.com/rs/933-ZUR-080/images/eBook_10%20Best%20Practices%20for%20Reducing%20Spend%20in%20AWS.pdf

AMAZON WEB SERVICES AND CLOUDHEALTH

https://www.cloudhealthtech.com/partners/cloud-and-infrastructure-platforms/aws

Help Azure Customers Maximize Their Cloud Investment Through CSP from CloudHealth Technologies on Vimeo.

https://go.cloudhealthtech.com/thanks-wc-msp-help-your-azure-csp-customers-maximize-cloud-investment-channelco.html?aliId=32277380

AWS MSP Partner Validation: How to Ace It with CloudHealth

http://go.cloudhealthtech.com/rs/933-ZUR-080/images/Solution%20Brief_AWS%20MSP%20Audit_CH%20Mapping.pdf

AppFirst Autodetect

https://www.youtube.com/watch?v=zuMd9NTAr6E

ScienceLogic Demos New Version of EM7 at Interop

http://www.channelpronetwork.com/news/sciencelogic-demos-new-version-em7-interop

ScienceLOgic Customer Portal

https://portal.sciencelogic.com/user/login?destination=portal/powerpacks/powerpack/5653-aws-ec2-windows-group-automation

Configuring AWS Monitoring using ScienceLogic (IMP)

https://portal.sciencelogic.com/files/documentation/7_3/monitoring_aws/sciencelogic_monitoring_aws.htm

Monitoring Amazon Web Services

Chapter 1. Introduction