

Cloud Observer

Cloud Instances Discovery and Management

Highlights:

- Automatically discover any cloud instances and associated network information across multiple clouds
- Expand visibility and bring valuable insight on cloud instances from a single pane of glass to enable cost control, reporting and audit
- Reduce operating costs by providing the state of cloud instances and identifying unused resources
- Improve risk management and compliance with better and accurate data
- Enrich network security by determining the attack-surface across on-premise and cloud
- Elaborate or further develop Network Automation through the use of secure open APIs

Maintaining cloud instances is a tremendous challenge. Ensuring an accurate view of the provisioned resources requires efficient processes and time, which many teams simply do not have due to their daily operational activities. In addition, with the rapid adoption of multi-cloud, IT departments are not always aware of all the new applications being produced and deployed by organizations. Complexity is further amplified due to knowledge, skills, access and non-uniformity across clouds.

Cloud Observer from EfficientIP has been developed to address these challenges, and equip your teams such as ITOps or NetSecOps with an easy-to-use, powerful and secure discovery tool to detect, track, and consolidate information on any provisioned cloud resources and networks. The information is presented via a central, and unified network management interface and through open APIs.

Cloud Observer At a Glance

By monitoring your cloud-provisioned resources including network properties, Cloud Observer provides comprehensive visibility of cloud instances deployment and usage and the necessary data reports to reclaim or detect any cloud instances, improving risk management and compliance.

Offering insight and a consolidated view on your cloud assets from a single pane of glass also simplifies daily operations and increases overall efficiency. You can delegate common administrative actions while remaining in control of your cloud instances. Thanks to its open APIs, you can also easily integrate Cloud Observer as part of your end-to-end automation process and save time.

Through the central and unified management, Cloud Observer enables you to quickly identify state, usage and capacity including IP addresses' changes over time, as well as access insightful analytics and reporting improving the control of costs and network capacity planning process.

Key Benefits



With Cloud Observer, your company can:

- Obtain centralized valuable insight on Cloud Instances and associated networks plus their usage and resources from a single pane of glass for better management and/or audit purpose
- Unify and standardize information about Cloud instances across multiple clouds
- Monitor resource changes and state for accountability and cost optimization
- Track instances across clouds to locate them in case of suspicious activity, usage, state and inventory purposes, improving your risk management and compliance
- Increase operational efficiency by using secure APIs to extract data and feed your automation processes
- Reduce the time spent on resource-draining troubleshooting sessions with clearer visibility of the cloud and how it is utilized

Key Features

Networking and Instances Discovery

Cloud Observer uses plugins to discover instances and related networking in the cloud, one plugin per cloud provider. These plugins utilize the APIs of the cloud provider to crawl and discover what is deployed and present this in a harmonized and unified way.

The plugins provided include, but are not limited to, provided include, but are not limited to, Amazon AWS, Google GCP, Microsoft Azure, VMware vCenter, Proxmox, and Cisco Meraki, as well as a customizable "External" plugin that can be used to interface with clouds or systems other than those offered by EfficientIP.

Data Visualization

Cloud Observer discovers disparate information and metadata about instances and their associated networks, harmonizing data from multiple cloud providers and making it accessible in a unified way. Data is kept up-to-date and accurate. By organizing and standardizing the data, users can easily visualize resources across any cloud environments at a glance, such as all VPCs associated with an application in a region. The data and metadata of Cloud instances includes but is not limited to:

- Name, last date of status change, status, CPU, Operating System, memory, storage, instance type,
- Virtual Private Clouds or other Networks,
- Addresses: Public IP Address, MAC address,
- Tags or labels that are metadata dependent on the cloud provider. If populated at the time of creation of the instance, it includes but is not limited to Owner, Environment, Application, Cost Center, Availability Zone, Region.

Dashboard

IPAM

DHCP

DNS

Network Object Manager

Application

Guardian

Cloud Observer

Folders

Instances

Networks

Addresses

Workers

All folders

All networks

All instances

All attached networks

All addresses

376 results

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Name	Folder	Networks	Worker	Plugin	CPU	RAM	First seen on	Last updated on	Status changed on	Status
blatstats-268/9728	Datacenter - orpd1-fr/new-rod-ovh	VM Network	VMware-Europe-Demo	VMware vCenter	4	8 GB	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d
Cascade_router	Datacenter - orpd1-fr/cluster-3	ext-2, Cascade-DNS, GSLB-Ext1, GSLB-Ext2, GSLB...	VMware-Europe-Demo	VMware vCenter	1	2 GB	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d
Cascade_SDP0	Datacenter - orpd1-fr/cluster-3	Cascade-DNS	VMware-Europe-Demo	VMware vCenter	2	4 GB	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d
Cascade_SDP1	Datacenter - orpd1-fr/cluster-3	ext-2, Cascade-DNS	VMware-Europe-Demo	VMware vCenter	2	4 GB	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d
Cascade_Win_ws	Datacenter - orpd1-fr/cluster-3	Cascade-DNS	VMware-Europe-Demo	VMware vCenter	1	2 GB	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d
CDISCOUNT-TEST	Datacenter - HQ - Lab1 CSA/cluster-lab1	LAB1SPARE1	VMware-Europe-Demo	VMware vCenter	4	4 GB	17/02/2025 22:00:08	18/02/2025 09:00:07	17/02/2025 22:00:08	0 d
clone-labv2-srv-traffic	Datacenter - HQ - Lab1 CSA/cluster-lab1	LAB1CLIENT	VMware-Europe-Demo	VMware vCenter	2	2 GB	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d
compute-0-roubaix-1-cyberlabs.efficientio.com	Datacenter-training-fr001eCampusEU2/135.125...		VMware-Europe-Demo	VMware vCenter	32	64 GB	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d
CP_Clt_ws	Datacenter - orpd1-fr/cluster-3	Cascade-DNS	VMware-Europe-Demo	VMware vCenter	1	2 GB	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d
CP_SDP	Datacenter - orpd1-fr/cluster-3	Cascade-DNS	VMware-Europe-Demo	VMware vCenter	2	4 GB	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d
debian-01	delivery-center-va-net	sdv-943-vnet/default	Azure-Demo	Microsoft Azure	1	512 MB	11/04/2025 22:30:02	17/04/2025 09:30:07	11/04/2025 22:30:02	5 d
debian-victim	Datacenter - HQ - Lab1 CSA/cluster-lab1	LAB1CLIENT	VMware-Europe-Demo	VMware vCenter	1	2 GB	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d

Information is organized in “folders” for easy navigation and filtering and reporting purposes. It includes folder name, number of instances, number of IP addresses, first date of discovery, date of last update, last date of status change, status and more.

Dashboard

IPAM

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Folders

Instances

Networks

Addresses

Workers

Remediation

All folders

All instances

All networks

All addresses

43 results

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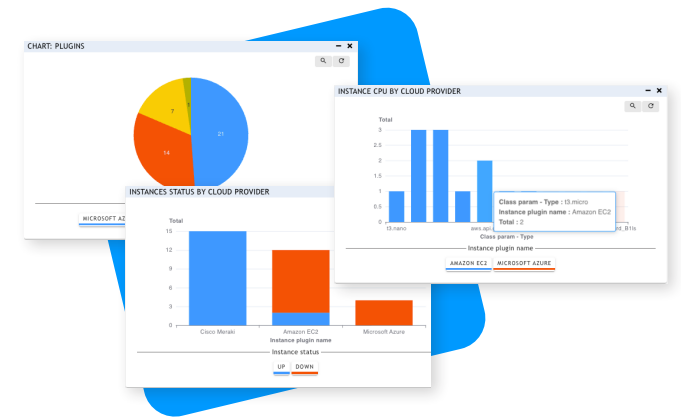
Name	No. of instances	No. of IP addresses	Worker	Plugin	Region	First seen on	Last updated on	Status changed on	Same status for	Status
API Demo Organization	15	0	Meraki-Demo	Cisco Meraki	North America	20/11/2024 22:15:02	05/08/2025 22:15:09	20/11/2024 22:15:02	258 d 00:00:07	OK
AzureDNS	0	5	Azure-Demo	Microsoft Azure	francecentral	20/11/2024 22:30:04	17/04/2025 09:30:07	20/11/2024 22:30:04	147 d 11:00:03	OK
cloud-shell-storage-west-europe	0	0	Azure-Demo	Microsoft Azure	westeurope	20/11/2024 22:30:04	17/04/2025 09:30:07	20/11/2024 22:30:04	147 d 11:00:03	OK
CSA-LINK-WE	0	0	Azure-Demo	Microsoft Azure	westeurope	20/11/2024 22:30:04	17/04/2025 09:30:07	20/11/2024 22:30:04	147 d 11:00:03	OK
Datacenter - Cloud - Emea - CSA	0	0	VMware-Europe-Demo	VMware vCenter	francecentral	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d 13:13:14	OK
Datacenter - Cloud - Emea - CSA/ovh...	28	42	VMware-Europe-Demo	VMware vCenter	eu-west-1	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d 13:13:14	OK
Datacenter - HQ - Lab1 CSA	0	0	VMware-Europe-Demo	VMware vCenter	eu-west-1	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d 13:13:14	OK
Datacenter - HQ - Lab1 CSA/cluster-lab1	30	61	VMware-Europe-Demo	VMware vCenter	francecentral	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d 13:13:14	OK
Datacenter - HQ - Lab2 CSA	0	0	VMware-Europe-Demo	VMware vCenter	francecentral	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d 13:13:14	OK
Datacenter - HQ - Lab2 CSA/cluster-lab2	25	38	VMware-Europe-Demo	VMware vCenter	eastus	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d 13:13:14	OK
Datacenter - orpd1-fr	0	0	VMware-Europe-Demo	VMware vCenter	eu-west-1	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d 13:13:14	OK
Datacenter - orpd1-fr/cluster-3	55	99	VMware-Europe-Demo	VMware vCenter	francecentral	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d 13:13:14	OK
Datacenter - orpd1-fr/new-rod-ovh	8	14	VMware-Europe-Demo	VMware vCenter	eu-west-1	12/02/2025 19:46:53	18/02/2025 09:00:07	12/02/2025 19:46:53	5 d 13:13:14	OK

Data Tracking

Cloud instances can be tracked over time and changes in the IP addresses or status reflected into Cloud Observer enhancing risk management and ensuring compliance.

Data Reporting

You can also get valuable analytics including the IP space usage of the number of instances per Region or Type, including their running state.



Cloud Observer offers rich ways to export data including CSV, HTML, XML, EXCEL or PDF by picking up from a list the information to display in the report. The reports can be generated immediately or scheduled.



As one of the world's fastest growing DDI vendors, EfficientIP helps organizations drive business efficiency through agile, secure and reliable network infrastructures. Our unified management framework for DNS-DHCP-IPAM (DDI) and network configurations ensures end-to-end visibility, consistency control and advanced automation. Additionally, our unique 360° DNS security solution protects data confidentiality and application access from anywhere at any time. Companies rely on us to help control the risks and reduce the complexity of challenges they face with modern key IT initiatives such as cloud applications, virtualization, and mobility. Institutions across a variety of industries and government sectors worldwide rely on our offerings to assure business continuity, reduce operating costs and increase the management efficiency of their network and security teams.

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