



eNlight 360° v8.9

Providing A 360° View Of Your
Entire IT Infrastructure

Product Overview

ESDS' eNlight 360° is a standout cloud solution with Hybrid Cloud Orchestration and complete Data-Center Management Suite. It combines the security of a Private Cloud, scalability of a Public Cloud, and supports multiple hypervisors with standardized abstraction, providing unified management and comprehensive control over IT infrastructure.

About this Release

Product	eNlight 360°
Version	v8.9
Date of the release	1st July 2023



WHAT NEW WE HAVE IN THIS RELEASE

- Introducing the "VM Utilization Report", enabling informed decisions and optimized VM deployments through comprehensive insights into resource usage and performance.
- Introducing "VM Basic and Insight Monitoring and reports" in our datasheet, empowering users with comprehensive monitoring, detailed insights, and effective VM management capabilities for optimization.
- Introducing "Cluster Monitoring and Reports", offering comprehensive monitoring and detailed reports for optimized cluster management. Access valuable insights and reports, empowering effective cluster optimization.
- Added Tags (VM tags, Template tags, Host/Compute Tags, Storage tags – policy engine)
- Introducing "Oauth2-based Session Sharing", enabling seamless authentication and access across eNlight360° modules. Enhance user experience and efficiency with streamlined access and secure authentication.
- License Expiry Alert
- Vertical Scaling Enhancement
- Introducing an interactive UI tailored for projects and groups, considering issue severity, enabling users to navigate and interact accordingly. This user-friendly interface facilitates efficient management and issue resolution based on severity levels.
- Introducing the new feature: Creating client VMs on specific LUNs through tagging. Easily allocate and manage VMs on designated LUNs, enhancing storage efficiency and organization.
- Replacement of Disk Utilization card
- Interface name shown for particular error
- We have introduced the feature of sending mail notifications or calling remote endpoints upon VM creation. This functionality enables users to receive notifications or trigger actions through emails or remote endpoints when a VM is created.
- Introducing the feature of transferring assets and notifications to other users. Enhance collaboration and streamline workflow management by seamlessly transferring assets and notifications.



Modules of eNlight 360°: Why eNlight 360°?

4.1 eNlight Cloud Module

Our user-centric eNlight Cloud platform empowers users with a versatile interface for task completion. It offers features like VM creation, Horizontal Scaling Group, Cloud Advisor guidance, Templates, and Scheduler for flexible resource management.

4.1.1 Key features of eNlight Cloud:

- Summary
- Overview
- Templates
- VM (Virtual Machines)
- HSG (Horizontal Scaling Group)
- Queue
- Cloud Advisor
- Scheduler
- Recycle Bin

4.2 Monitoring Module

eNlight 360° provides robust monitoring tools for Data Centers, including automated device discovery, resource monitoring, and troubleshooting. It incorporates features like Nmap for network monitoring and health check monitoring with threshold-based alerts.

4.2.1 Key features of Monitoring:

- DCM- Data-Centre Management and Monitoring
- Storage Monitoring
- Netflow
- Application Monitoring: In this we do support different applications related to different parameters like- Database, Web Services, Application Servers, and Mail Servers.
- CMS (Change Management Service)
- Miscellaneous: This captures and shows data/reports based on different parameters like- Activity logs, mail, Structure checker, packet check, telnet and many more.
- Settings



4.3 SIEM Module

Our SIEM system consolidates security information and events, providing effective incident management for computer networks. It offers real-time monitoring, analysis, and prompt response to threats, ensuring organizations effortlessly track their security status.

4.3.1 Key features of SIEM:

- Security Events
- System Auditing
- Policy Monitoring
- Alerts
- Rulesets
- Reports: We offer reports on various parameters including Integrity Monitoring, DHCP Services, Incident Response, PNP Device Audit, Intrusion Detection, Cloud Security Monitoring, Container Security, Successful log-on, and Failed log-on.
- Compliances: In this we do support different compliances like – PCR, GDPR, TSC, HIPAA, and NIST 800-53.
- Agent Configuration and Installation
- Settings

4.4 Quota Module

Quota management sets resource limits based on policies, preventing system overload. Users or departments can have per-user or per-group quotas, with reports generated for capacity exceedances.

- **Quota :** View Quota Usage, View Quota, and Request Resource
- **Admin :** Manage Quota, Resource Request, and Activity Logs
- **System :** Default Quota



4.5 Reports Module

eNlight 360° offers detailed performance reports for informed decisions. Users can access them on any device, monitor resource usage, and customize reports. Scheduled reports optimize resource management, providing valuable insights.

4.5.1 Key features of Reporting Module:

User can add customized reporting categories as per user's need. Below are few predefined templates/categories:

- **Monitoring Reports:** Admin Reports, Application Monitoring, Device Bandwidth, Device Monitoring, Others, and Profile Monitoring
- **URL Reports:** Monitoring Reports, and Summary Reports.

4.6 URL Module

eNlight 360° monitors URLs, ensuring uptime and performance while generating alerts. It's essential for verifying web host guarantees and detecting website downtime, benefiting businesses and IT professionals.

4.6.1 Key features of URL Monitoring:

- **Dashboard** – Detailed graphical representation of each and every parameter.
- **URL list** – List of all URLs.
- Add URL
- **Reports** – Redirects to the Reporting Module.



4.7 Agent-Based Monitoring Module

Agent-Based Monitoring (ABM) is a protocol-based device monitoring method. It utilizes EMSCA for passive checks and data exchange, while EMRPE executes commands on remote devices. ABM focuses on monitoring local resources and serves as the primary approach for gathering data in SDN-enabled networks.

- Dashboard
- Agents
- Configurations
- Authorizations

4.8 IPAM Module

IPAM offers a centralized approach for managing IP address assignment, tracking, and administration across diverse network components like SDN networks, routers, and floating IP addresses. Through seamless integration with these components, IPAM guarantees optimal utilization of IP addresses, minimizes conflicts, and delivers enhanced visibility and control over network resources.

- Networks
- SDN Networks: Networks, Routers, and Floating IPs
- Admin: Networks, and SDN Networks (Networks, Routers, and Floating Ips)
- System: SDN Controllers

5 Technical Specification

System Requirements	
Hardware with OS	CentOS 7.8 or later installed on Physical/Virtual server
vCPU	16 vCPU minimum
RAM	24GB
Disk	140GB (SSD)
Partitions	/boot Standard Partition 1 GB
	/swap LVM 1 GB
	/ ext4 with LVM 140 GB minimum disk space

About Us

Born with a global mind-set, ESDS began its operations from the city of Nashik (India) in 2005 and presently has its footprint in 19 nations across APAC, Europe, Middle East, the Americas, and Africa. ESDS acts as a catalyst for digital transformation in the modern outcome-based economy by enabling organizations to embrace advanced technologies. At ESDS, we believe in creating lifetime relationships and fostering a culture of co-existence by uniting minds that are passionate about delivering innovative solutions and exuberant customer experience. More than 750 organizations, backed by a committed workforce at ESDS, have successfully achieved their business objectives.



ESDS Software Solution Ltd.

Plot No. B- 24 & 25, NICE Industrial Area, Satpur
MIDC Rd, Nashik, Maharashtra 422007



1800 209 3006



www.esds.co.in



getintouch@esds.co.in