Edge automation is a necessary function to meet customer expectations of edge OPEX saving, serviceability and time-to-market when new applications and capabilities need to be enabled on edge sites. Edge automation is the way for managing the 1000s of sites and reach to expected TCO savings. Nokia workload agnostic edge automation is designed to help edge planning, deployment and operation for your success.
Features

**Intuitive management console**
- Dashboards showing status of the DC sites, cloud instances and HW.

**System management**
- System configuration, monitoring, deployments, version control/upgrades and troubleshooting. Manage across cloud, computing and networking resources.

**Edge data center management**
- Site, cloud, HW and workflow views with tools to operate on all levels.
- Extended support for remote edge sites.

**Status & utilization monitoring**
- Site, cloud, HW and workflow monitoring with status and key KPIs.
- Resource utilization monitoring.

**Event monitoring**
- Fault monitoring.
- Combination of cloud and HW event views.

**Access management**
- Supports internal and external user authentication repositories. Access can also be authorized on a resource basis.

**Troubleshooting**
- Quickly retrieve troubleshooting data and topology from the faulty resource and link that with application information.

**RESTful application programming interface (API) access**
- Integration with external systems such as operations support system (OSS) and network orchestrators.

**Centralized deployment**
- Common deployment with Nokia AirFrame Data Center Manager (NADCM).

Benefits

- Productized infrastructure blueprints and unified planning workflow.
- Pre-integrated configurations & automated deployment workflows with standard tooling.
- Automated integration and verification workflows: Data planning integration, Automated deployment, Automated upgrades and operations.
- Workflow tooling addressing coordinated mass upgrades and updates.
- Operations transformation separating infrastructure and application mgmt. correlation capabilities and troubleshooting tooling.

System requirements

**Recommended operating system & environment**
- CentOS 7/8 and RHEL 7/8 with latest updates. Can also be installed on other recent Linux distributions.
- Can be installed on bare metal server or virtual machine.

**Recommended hardware for common deployment with NADCM**
- 2 TB of disk space, SSD recommended.
- Intel CPU with 24 cores.
- 256 GB RAM.
About Nokia

We create the critical networks and technologies to bring together the world’s intelligence, across businesses, cities, supply chains and societies.

With our commitment to innovation and technology leadership, driven by the award-winning Nokia Bell Labs, we deliver networks at the limits of science across mobile, infrastructure, cloud, and enabling technologies.

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