Aarna Networks ONAP Distribution (ANOD) 3.0
Easy to Install 100% Pure Play Open Source ONAP

5G and Multi-access Edge Computing (MEC) are born in the cloud, and will require workload automation to a degree not seen before. ONAP is a Linux Foundation open source project that provides a common platform for enterprises and Communication Service Providers (CSPs) to rapidly roll out new services on numerous edge and core clouds.

ONAP provides orchestration, automation (service assurance), and end-to-end lifecycle management (LCM) of MEC applications, edge analytics, and network services. It also includes a design framework and is the top Linux Foundation Networking project. It was kicked off by AT&T, China Mobile, and others in 2017. A fully open source project, ONAP now enjoys support by CSPs that represent over 70% of worldwide mobile subscribers. ONAP is also a focal point of collaboration for standards groups such as ETSI, TMForum, MEF, 3GPP, and CNCF. And the Linux Foundation OVP program for VNF interop with ONAP is expected to generate a large ecosystem of compliant VNFs. For these reasons and more, you should consider ONAP.

The Aarna Networks ONAP distribution 3.0 (ANOD) is a 100% pure play open source supported version of the community ONAP Dublin release. Our commercial distribution is suitable for production environments because it includes:

- Support
- Ease of installation
- Enhanced artifacts and apps called AarnaStream™

ANOD 3.0 builds upon our experience of two prior successful releases.

Support. ANOD 3.0 comes with two tiers of support — premium and basic. Premium is recommended for production environments while basic is for dev/test environments or PoCs. In addition to issue resolution, support includes expert assistance, updates, technical bulletins, community advocacy, and knowledge base.

Easy to Install. We have made the ONAP installation project (OOM) even easier to use. The Aarna OOM (A-OOM) utilizes model driven installation with a GUI and Ansible automation scripts. Using models, a user can specify the subset of ONAP projects required, the reference architecture, and the initial configuration. The ANOD installer takes these models and with a push of a button you can get a reliable, consistent deployment of ONAP every time. Furthermore, ANOD includes an offline installation mode, so users with restricted internet environments can still install ONAP.

ANOD Installer Screenshot

AarnaStream. We include supported versions of ONAP artifacts and apps. These include SO workflows, APP-C/SDN-C directed graphs, policies, and DCAE collectors, analytics, dashboards, and microservices. Over time, these will be hardened and expanded beyond what the community provides, enabling users to fully harness the power of ONAP.
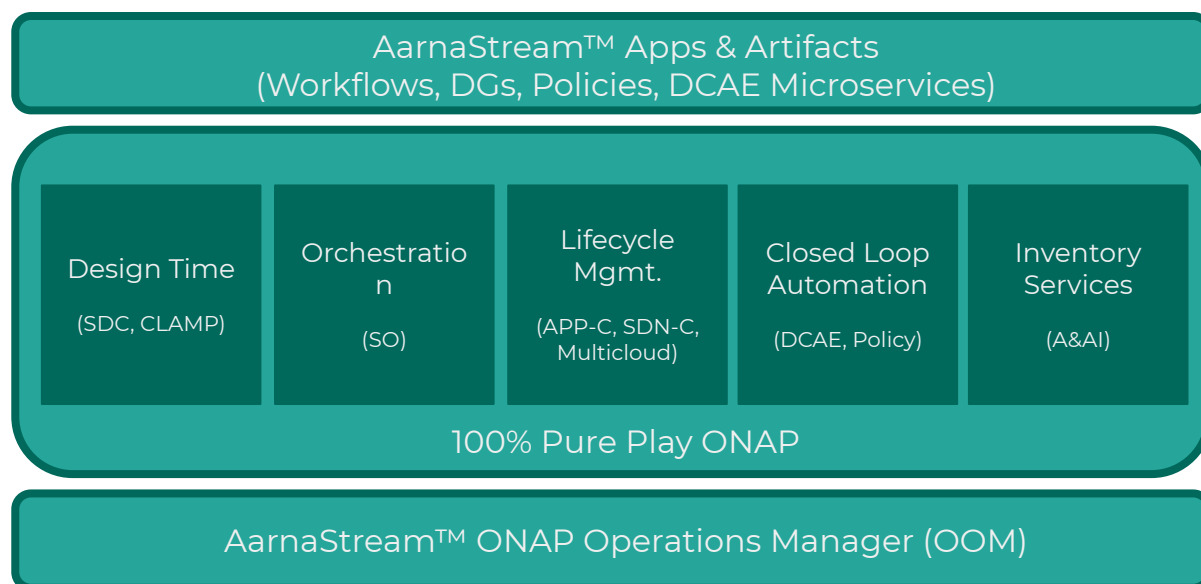
Pure-Play Open Source Technology.

ANOD 3.0 is based on ONAP Dublin release using the OOM installer. ANOD is 100% pure play open source, thus eliminating vendor lock-in.

Who is Using ANOD?

Roughly 190 CSPs, vendors, and research organizations are using ANOD. We would love to disclose names, but as you might understand, our users value their privacy.

	Basic	Premium
Hours	8x5	24x7
New versions	Yes	Yes
Advocacy	No	Yes

ANOD Support Levels

AarnaStream™ Apps & Artifacts
(Workflows, DGs, Policies, DCAE Microservices)

Design Time (SDC, CLAMP)	Orchestration (SO)	Lifecycle Mgmt. (APP-C, SDN-C, Multicloud)	Closed Loop Automation (DCAE, Policy)	Inventory Services (A&AI)

100% Pure Play ONAP

AarnaStream™ ONAP Operations Manager (OOM)

ANOD Block Diagram

Try 1 free instance of ANOD 3.0 on your GCP account aarnanetworks.com/products

About Aarna Networks

Aarna Networks is a startup created in 2017 based in the San Francisco Bay Area that provides products and services around ONAP. We believe that 5G/MEC is a once in a generation disruption in the telecom industry that will transform every facet of the industry creating huge opportunities for all participants. Our team consists of open source experts that have worked on a variety of open source projects such as OpenStack, Kubernetes, Ceph and Cloud Foundry. We are active members in the ONAP community.