Istio 1.0

By *Roy Schestowitz*
Created *31/07/2018 - 4:58pm*
Submitted by Roy Schestowitz on Tuesday 31st of July 2018 04:58:02 PM Filed under Server [1]

- **IBM & Google Launch 'Istio' Cloud Software, but Amazon & Microsoft Skip the Party** [2]

   Istio, an open source project backed by IBM, Google, Red Hat and others for connecting, managing and securing Kubernetes containers, hits version 1.0 Tuesday. But can Istio become ubiquitous without support from market leaders Amazon Web Services and Microsoft?

   Istio, also backed by Lyft Inc. and Pivotal , is a "service mesh," picking up where Kubernetes leaves off. Kubernetes provides orchestration to run multiple containers, manage their lifecycle, keep them available and scale them up and down as needed. Istio is software for managing how containers interact with each other.

- **The Istio service mesh hits version 1.0** [3]

- **What is Istio? The latest open source project out of Google** [4]

- **Istio sets sail as Red Hat renovates OpenShift container ship** [5]

   Red Hat is celebrating the 1.0 release of Istio, the open source microservices management project, and the arrival of version 3.10 of its OpenShift software container platform.

   Istio's 1.0 release received mention at Google Cloud Next last week, but the official bits are expected on Tuesday. The software serves as a management mechanism for distributed microservices, providing capabilities like traffic management, service identity and security,

policy enforcement and telemetry among apps running across multiple Kubernetes clusters and hosts.

-

[IBM, Google, Red Hat push Istio to 1.0 release](#) **[6]**

  IBM launched Istio along with Google Cloud and Lyft a little more than a year ago. The goal of Istio is to give developers a vendor-neutral way to connect, secure and manage networks of various microservices.

  Managing microservices is a critical issue since enterprises are increasingly built on them. By breaking services and applications into smaller parts developers can be more agile. The issue is that managing various microservices requires a good bit of choreography.

[Server](#)

Source URL: http://www.tuxmachines.org/node/114077

Links:

[1] http://www.tuxmachines.org/taxonomy/term/147
[2] https://www.lightreading.com/enterprise-cloud/infrastructure-and-platform/ibm-and-google-launch-istio-cloud-software-but-amazon-and-microsoft-skip-the-party/d/d-id/745021
[3] https://techcrunch.com/2018/07/31/the-open-source-istio-service-mesh-for-microservices-hits-version-1-0/
[4] https://www.computerworlduk.com/open-source/what-is-istio-latest-open-source-project-out-of-google-3681599/
[5] https://www.theregister.co.uk/2018/07/31/istio_sets_sail_as_red_hat_renovates_openshift_container_ship/
[6] https://www.zdnet.com/article/ibm-google-red-hat-push-istio-to-1-0-release/