RUN FEDORA ON AWS
Amazon EC2

Whether you're test-driving Fedora, testing Fedora, or using Fedora as the base for your EC2 images, we have you covered. The Fedora Project ensures that you can use Fedora in the AWS cloud with ease.

Fedora provides ready-to-run cloud images for each supported Fedora release. These are available in Amazon EC2 and for direct download. The downloadable images are available in compressed raw image format and in qcow2 for immediate use with OpenStack. The images are configured with cloud-init, and so will take advantage of ec2-compatible metadata services for provisioning ssh keys.

The Fedora Cloud images are developed by the Fedora Cloud Special Interest Group (SIG). You can learn more, provide feedback, and help with testing and more by joining the Cloud SIG mailing list or the #fedora-cloud IRC channel on Freenode.

Learn More...

http://fedoraproject.org/wiki/User:Gholms/EC2_Primer

http://cloud.fedoraproject.org/

https://fedoraproject.org/wiki/Cloud_SIG

PLATFORM-AS-A-SERVICE
OpenShift Origin

OpenShift Origin is the upstream project that powers Red Hat OpenShift. It takes care of all of the infrastructure, middleware, and management so developers can focus on their application and leave the platform wrangling to others. If you want to work with the newest in Platform-as-a-Service (PaaS) technology, OpenShift Origin on Fedora is what you're looking for.

The Fedora Project packages OpenShift Origin so you can easily fire up your own PaaS on your laptop so developers can do what they do best: design and write applications. What kind of applications? OpenShift Origin provides support for most popular language runtimes and data layers, including Java, MongoDB, MySQL, NodeJS, Perl, PHP, PostgreSQL, Python, and Ruby.

With OpenShift's community cartridges and quickstarts, developers can get started easily and be productive much more quickly. It's an easy jump from developing on OpenShift Origin to deploying to a production OpenShift instance.

Learn More...

https://www.openshift.com/

http://openshift.github.io/

https://www.openshift.com/wiki/index

INFRASTRUCTURE-AS-A-SERVICE
OpenStack

Fedora doesn't just run *in* the cloud--it can *power* your cloud using OpenStack. The OpenStack project provides open source software for building public and private clouds. Fedora packages the most recent stable release from the OpenStack project, as well as incubating projects like "Heat" and "Ceilometer."

OpenStack provides all the components you need to run a full-featured, Infrastructure-as-a-Service (IaaS) cloud. This includes compute, object and block storage, networking, identity services, and all the underlying technology (like KVM and PostgreSQL) needed to support OpenStack. Naturally, Fedora also provides ready-made cloud images that you can use to run Fedora on your OpenStack cloud that's running on top of Fedora.

For admins and developers working to deploy IaaS clouds, Fedora lets you stay at the forefront of OpenStack development while making it easy to deploy.

Learn More...

http://openstack.org/

https://fedoraproject.org/wiki/OpenStack

http://cloud.fedoraproject.org/