Cloud Infrastructure Services at Northwest Regional Data Center

The Service

Cloud computing has dramatically changed how businesses are built and run. As the infrastructure needs of every organization are unique and constantly changing, there is no “one size fits all” solution. Northwest Regional Data Center (NWRDC)’s Cloud Infrastructure Services are designed to have the flexibility to respond to these changing market conditions and organizational needs.

As a unique service model of Cloud Computing, NWRDC’s Cloud Infrastructure Services solution is a fully hosted virtual data center in a resource-on-demand model. Customers of NWRDC can subscribe to a dedicated resource pool by units of Compute Memory Bundle (CMB), the building block of our Virtual Datacenter (vDC) pricing. Each CMB includes 1 GHz of processor power and 2 GB of RAM. As this service is not priced by the number of virtual machines, customers can run as many virtual machines as they like, whether it is 1 or 100. Each customer has the flexibility to decide how to use the resources they have subscribed to by dynamically re-assigning resources to the level they desire, and controlling the priority of those resources within the vDC. They have the option to grow the vDC, over-commit the resources they have provisioned at peak performance, or return resources no longer needed, thereby reducing their cost through scale and efficiencies.

Choose From a Menu of Services

Customers can use their own storage, or choose NWRDC’s Storage Services as an add-on. With the exception of the guest OS license, all infrastructure hardware, licenses, maintenance, and refresh are included. Disaster Recovery Components are also available at multiple physical locations, allowing disaster recovery exercise or workload sharing across sites.

NWRDC’s Cloud Infrastructure Services facilitates customers’ infrastructure deployment without the cost and complexity of buying and managing the underlying hardware and software and provisioning hosting capabilities. For complete service offerings and rates, please refer to NWRDC’s Service Catalog at http://www.nwrdc.fsu.edu/services/servicecatalog.

Security and Compliance

In this multi-tenant architecture, each vDC is isolated to ensure customers’ security and privacy. Within each vDC is the ability to isolate internal networks as well. In addition, using Configuration Manager, security best practices and compliance mandates such as HIPAA, SOX, FERPA, CJIS and PCI can be applied to customers’ vDC to meet regulatory requirements.
Operating Systems Supported

- Microsoft
  - Windows Server 2012
  - Windows Server 2008 and 2008r2
  - Windows Server 2003 and 2003r2
- Sun Solaris 10 and newer
- Novell NetWare 5.1 Service Pack 7 and newer
- Apple MAC OS X
- Many distributions of Linux are supported, including, but not limited to:
  - Red Hat Enterprise Linux 4 and newer
  - Oracle Linux 4.5 and newer
  - CentOS 4.5 and newer
  - Suse Linux Enterprise Server 8 Service Pack 3 and newer
  - Debian GNU/Linux 4.0 and newer

Note: Above is only a partial list of supported operating systems. Both 32-bit and 64-bit systems are supported where applicable. If you have an operating system that is not listed, please contact NWRDC to determine the support level that we can provide.

Why NWRDC?

NWRDC has a reputation of over 40 years of superior customer service and performance. It is our mission to provide cost-effective solutions to our customers. Before you invest in your own infrastructure, contact NWRDC to explore our Cloud Infrastructure Services.

Contact NWRDC

For more information about NWRDC’s Cloud Infrastructure Services, contact Annie Zhang at 850-645-3554 or annie_zhang@nwrdc.fsu.edu.