Grid, Distributed and Cloud Computing Resources Primer 2018

By

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Grid, Distributed and Cloud Computing Resources Primer 2018 is a comprehensive listing of grid resources, distributed computing resources, cloud computing resources, clusters, and parallel computing sites on the Internet. The below list of sources is taken from my Subject Tracer™ Information Blog titled Grid Resources and is constantly updated with Subject Tracer™ bots at the following URL:

http://www.GridResources.info/

These resources and sources will help you to discover the many pathways available to you through the Internet to find the latest grid and distributed computing resources and sites. There you can help to discover the next prime number, discover the cure for AIDs, and more, using distributed resources on the Internet.

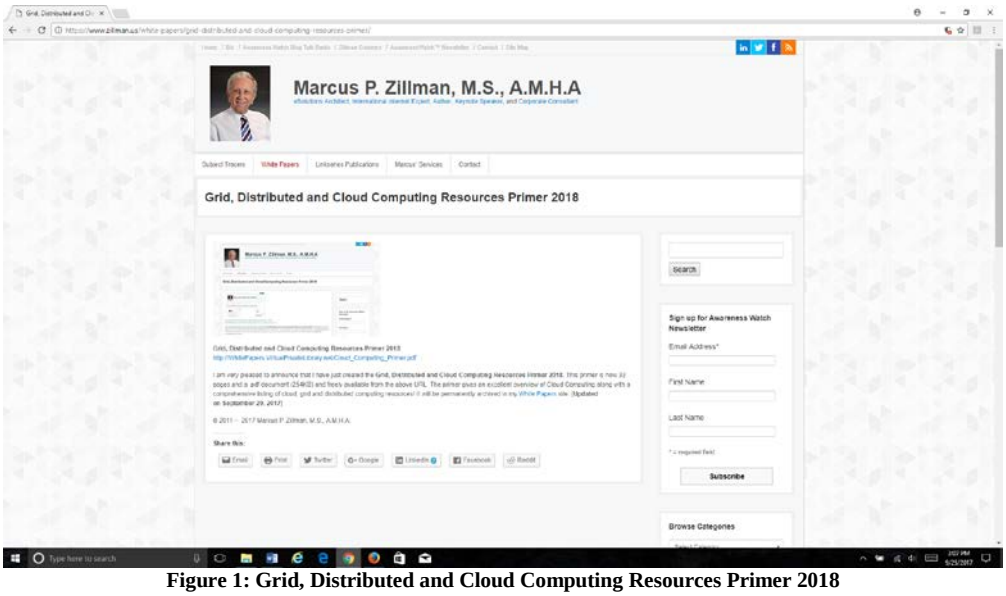

Figure 1: Grid, Distributed and Cloud Computing Resources Primer 2018

Cloud Computing Primer

Cloud computing describes a broad movement to treat IT services as a commodity with the ability to dynamically increase or decrease capacity to match usage needs. By leveraging shared infrastructure and economies of scale, cloud computing presents a compelling business model. It allows users to control the computing services they access, while sharing the investment in the underlying IT resources among consumers. When the computing resources are provided by another organization over a wide-area network, cloud computing is similar to an electric power utility. The providers benefit from economies of scale, which in turn enables them to lower individual usage costs and centralize infrastructure costs. Users pay for what they consume. Users can also increase or decrease their usage, and leverage the shared underlying resources. With a cloud computing approach, a cloud customer can spend less time managing complex IT resources and more time investing in core mission work.

Cloud computing is defined by the National Institute of Standards and Technology (NIST) as "a model for enabling convenient, on-demand network access to a shared pool of configurable computing resources (e.g. networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction." NIST has identified five essential characteristics of cloud computing: on-demand service, broad network access, resource pooling, rapid elasticity, and measured service.

Cloud computing has several deployment models, each of which provides distinct trade-offs which migrate applications to a cloud environment. NIST defines four cloud deployment models as follows:

(1) Private Cloud – The cloud infrastructure is operated solely for an organization. A private cloud may be managed by the organization or a third party and may exist on premise or off premise.

(2) Community Cloud – The cloud infrastructure is shared by several organizations and supports a specific community that has shared concerns (e.g., mission, security requirements, policy, and compliance considerations). A community cloud may be managed by the organizations or a third party and may exit on premise or off premise.

(3) Public Cloud – The cloud infrastructure is made available to the general public or a large industry group and is owned by an organization selling cloud services.

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(4) Hybrid Cloud – The cloud infrastructure is a composition of two or more clouds (private, community or public) that remain unique entities but are bound together by standardized or proprietary technology that enables data and application portability (e.g., cloud bursting for load-balancing between clouds).

Cloud computing can also be categorized into service models. These three models are defined by NIST to be:

(1) Cloud Software as a Service (SaaS) – The capability provided to the consumer is to use the provider's applications running on a cloud infrastructure. The applications are accessible from various client devices through a thin client interface such as a web browser (e.g., web-based email). The consumer does not manage or control the underlying cloud infrastructure including network, servers, operating systems, storage, or even individual application capabilities, with the possible exception of limited user-specific application configuration settings.

(2) Cloud Platform as a Service (PaaS) – The capability provided to the consumer is the ability to deploy onto the cloud infrastructure consumer-created or acquired applications created using programming languages and tools supported by the provider. The consumer does not manage or control the underlying cloud infrastructure including network, servers, operating systems or storage, but has control over the deployed applications and possibly application hosting environment configurations.

(3) Cloud Infrastructure as a Service (IaaS) – The capability provided to the consumer is processing, storage, networks, and other fundamental computing resources where the consumer is able to deploy and run arbitrary software, which can include operating systems and applications. The consumer does not manage or control the underlying cloud infrastructure but has control over operating systems, storage, deployed applications, and possibly limited control of select networking components (e.g., host firewalls).

Cloud computing enables IT systems to be scalable and elastic. End users do not need to determine their exact computing resource requirements upfront. Instead, they provision computing resources as required, on-demand.

Cloud-based projects can be conceived, developed, and tested with smaller initial investments than traditional IT investments. Rather than laboriously building data center capacity to support a new development environment, capacity can be provisioned in small increments through cloud computing technologies. After the small initial investment is made, the project can be evaluated for additional investment or

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cancellation. Projects that show promise can gain valuable insights through the evaluation process. Less promising projects can be cancelled with minimal losses. This "start small" approach collectively reduces the risk associated with new application development. Reducing the minimum required investment size will also provide a more experimental development environment in which innovation can flourish!

Grid, Distributed and Cloud Computing Resources 2017:

Access Grid Project
http://www.AccessGrid.org/

Adaptive Computing – Intelligent Workload Management Software for Cloud Environments
http://www.adaptivecomputing.com/

Advanced Collaboration with the Access Grid
http://www.ariadne.ac.uk/issue42/daw/

Amazon CloudSearch
http://aws.amazon.com/cloudsearch/

Amazon Elastic Computer Cloud (Amazon EC2)
http://aws.amazon.com/ec2/

Aneka: A Software Platform for .NET-based Cloud Computing
http://www.gridbus.org/reports/AnekaCloudPlatform2009.pdf

Apache Hadoop Core - Easily Write and Run Applications That Process Vast Amounts of Data
http://hadoop.apache.org/

Appirio Accelerating Enterprise Adoption of the Cloud
http://www.appirio.com

Appistry-Big-data Solution for Next-gen Medicine
http://www.appistry.com/

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AppNexus
http://www.appnexus.com/

ArchiveGrid - Historical Archives from Throughout the World
http://beta.worldcat.org/archivegrid/

AWS: In Plain English
https://www.expeditedssl.com/aws-in-plain-english

AWS: Overview of AWS
https://d36cz9buwru1tt.cloudfront.net/AWS_Overview.pdf

AWS: Use Cases
https://aws.amazon.com/solutions/case-studies/

AWS Educate - Academic Gateway for the Next Generation of IT and Cloud Professionals
http://aws.amazon.com/education/awseducate/

Beacon Research and Development Project - Enabling Federated Cloud Networking
http://www.beacon-project.eu/

Best Cloud Backup Services 2016 by Ben Schmitt
https://www.cloudwards.net/award/best-online-backup-services/

BioGRID
http://www.thebiogrid.org/

BOINC - Open-Source Software for Volunteer Computing and Grid Computing
http://boinc.berkeley.edu/

Boomi AtomSphere(SM)
http://www.boomi.com/

Building the Info Grid
http://www.ariadne.ac.uk/issue45/buildinginfogrid-rpt/

caBIG™ - cancer Biomedical Informatics Grid [Program has been Retired]
https://cabig.nci.nih.gov/community/workspaces/Architecture/caGrid/

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CenterGate Research Group LLC
http://www.centergate.com/

CertainStore - Secure Data Storage Vault
http://www.transcertain.com/data-storage/

Charity Engine - Changing the World One Bit At a Time
http://www.charityengine.com/

CirrusGrid by CPUsage - Distributed and Extensive Computing
http://www.cpusage.com/

Climate Prediction – Climate Forecasting Experiment
http://climateprediction.net/

Cloud.com - Open Source, Turnkey Infrastructure as a Cloud (IaaS) Software Platform for Everyone
http://www.cloud.com/

Cloud and Autonomic Computing Center
http://www.nsfcac.org/

CloudApp - Share Files Fast
http://www.getcloudapp.com/

CloudBerry Online Backup
http://www.cloudberrylab.com/amazon-s3-cloud-desktop-backup.aspx

CloudBroker - High Performance Computing Software as a Service
http://cloudbroker.com/

CloudBuddy - Your Virtual Desktop
http://www.mycloudbuddy.com/

Cloud based database development anywhere storage and anywhere access
http://www.jackdb.com/

Cloud Commons Insight API
http://www.programmableweb.com/api/cloudcommons-insight

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Cloud Computing and Emerging IT Platforms: Vision, Hype, and Reality for Delivering Computing as the 5th Utility
http://www.gridbus.org/reports/CloudITPlatforms2008.pdf

Cory Doctorow - Not every cloud has a silver lining
http://www.theguardian.com/technology/2009/sep/02/cory-doctorow-cloud-computing

Cloud Computing Comparison Engine
http://www.cloudorado.com/

Cloud Computing Expo
http://cloudcomputingexpo.com/

Cloud Computing Journal
http://cloudcomputing.sys-con.com/

Cloud Computing: Moving to Infrastructure as a Service (IaaS)
http://www.zdnet.com/topic-cloud-computing-moving-to-iaas/

Cloud Computing Resource Center
http://www.deitel.com/ResourceCenters/Programming/CloudComputing/tabid/3057/Default.aspx

Cloud Computing Resource, News and Support
http://www.dabcc.com/section.aspx?sectionid=12

Cloud Computing - Wikipedia
http://en.wikipedia.org/wiki/Cloud_computing

Cloud Contact Forms
http://cloudcontactforms.com/

Cloud Connected Devices For Cars Mojio
http://www.moj.io/

Cloud Connected Washing Machines Cloudwash
http://bergcloud.com/case-studies/cloudwash/

Cloud Engineering Is Here – Open-source Hardware Designs
http://upverter.com/

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CloudFlare - Website Performance and Security
http://www.cloudflare.com/

CloudFogger - Secure File Encryption for Dropbox, SkyDrive, Google Drive and Others
http://www.cloudfogger.com/en/

CloudKick - Cloud Server Management
https://www.rackspace.com/cloudkick/

CloudLab - Research On the Future of Cloud Computing
http://www.cloudlab.us/

Cloudo - The Computer Evolved
http://www.cloudo.com/

CloudSafe - Safe Harbor for Sensitive Data
https://secure.cloudsafe.com/

CloudSim: A Novel Framework for Modeling and Simulation of Cloud Computing Infrastructures and Services
http://www.gridbus.org/reports/CloudSim-ICPP2009.pdf

Clouds Lab – Cloud Computing and Distributed Systems
http://www.cloudbus.org/

cloudSME - Simulation for Manufacturing and Engineering
http://www.cloudsme.eu/

Cloud Source Repositories
https://cloud.google.com/tools/cloud-repositories/

CloudXL - An Organized List of Cloud Computing and Software As a Service Providers
http://www.cloudxl.com/

ClouT - Clout of Things for Empowering the Citizen Clout in Smart Cities
http://clout-project.eu/

Cluster Computing: The Journal of Networks, Software Tools and Applications
http://link.springer.com/journal/10586

Community Grids Lab
http://internal.pti.iu.edu/cgl

Condor Project - High Throughput Computing
http://research.cs.wisc.edu/htcondor/

Cosmogrid - Grid-enabled Computational Physics of Natural Phenomena
http://www.cosmogrid.ie/

DataMiningGrid Consortium
http://www.datamininggrid.org/

Data Portability How to take data into and out of AWS
http://aws.amazon.com/importexport/

Deep Web Research 2017
http://www.DeepWebResearch.info/

dhtmlxGrid - Ajax-enabled DHTML Grid with Rich Javascript API
http://www.dhtmlx.com/docs/products/dhtmlxGrid/

Digipede Technologies - Distributed Computing Solutions on Microsoft.NET Platform
http://www.digipede.net/

Digital Mines - Management for Cloud Computing
http://www.digitalmines.com/

Distributed.net - Node Zero
http://www.distributed.net/

Distributed Computing Resources
http://original.jamesthornton.com/hotlist/distcomp.html

Distributed Generic Information Retrieval (DiGIR)
http://digir.sourceforge.net/

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Distributed Search Engines
http://www.openp2p.com/pub/t/74

Distributed Systems Laboratory at University of Chicago
http://dsl-wiki.cs.uchicago.edu/

Draw AWS diagrams and share them and export them all online *
https://cloudcraft.co/

Economy Grid (EcoGrid) Project
http://www.gridbus.org/~raj/ecogrid/

EditGrid - Online Spreadsheets With Data On Demand
http://www.editgrid.com/

Einstein@Home Distributed Computing Research Project
http://einstein.phys.uwm.edu/

EuroGRID
http://www.eurogrid.org/

European Grid Infrastructure - Towards a Sustainable Infrastructure
http://www.egi.eu/

ExcelGrid
http://www.cloudbus.org/excelgrid/

Extreme Science and Engineering Discovery Environment (XSEDE)
https://www.xsede.org/

eyeOS - Cloud Computing Operating System - Web Desktop - Web OS - Web Office
http://www.eyeos.com/

FathomDB - Relational Database-As-A-Service On the Cloud
http://www.fathomdb.com/

FightAIDS@Home Distributed Computing Research Project
http://fightaidsathome.scripps.edu/

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Flexiscale
http://www.flexiscale.com/

Folding@Home Distributed Computing
http://folding.stanford.edu/

Force.com - Cloud Computing for the Enterprise
http://www.Force.com/

FutureGrid@Chameleon - Configurable Experimental Environment for Large Scale Cloud Research
https://www.chameleoncloud.org/

Ganglia - Scalable Distributed Monitoring System for Clusters, Grids and Clouds
http://ganglia.info/

Genome@home
http://www.stanford.edu/group/pandegroup/genome/

Gladinet Cloud - Delivering Cloud Services to Your Desktop and Operating System
http://www.gladinet.com/

Glossary of cloud computing terms
http://www.techrepublic.com/blog/the-enterprise-cloud/mini-glossary-cloud-computing-terms-you-should-know/

GoAruna - Your Files Are Always With You
http://www.goaruna.com/

GoGrid
http://www.gogrid.com/

Google App Engine - Run Your Web Apps On Google's Infrastructure
https://developers.google.com/appengine/?csw=1

Google Apps - Software-As-a-Service for Business Email, Information Sharing and Security
http://www.google.com/enterprise/apps/business/

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Grid Application and Deployment Projects
http://www.mcs.anl.gov/~itf/grid-projects/

Grid Application Development Sofware Project (GrADS) [Project not Active]
http://hipersoft.cs.rice.edu/grads/

GridCafe - The Place for Everybody To Learn About Grid Computing
http://www.gridcafe.org/

Grid Computing - IEEE Distributed Systems Online [Ceased Publication; Archives Available]
http://www.computer.org/csdl/mags/ds/index.html

Grid Computing Info Centre (GRID Infoware)
http://www.gridcomputing.com/

Grid Forum
http://www.gridforum.org/

GridIron™ XLR8™
http://www.gridironsoftware.com/

GridLab: A Grid Application Toolkit and Testbed
http://gridlab.man.poznan.pl/

Grid Market Directory (GMD)
http://www.cloudbus.org/gmd/

Grid Markets Project
http://www.lesc.ic.ac.uk/markets/

GridMiner - Intelligent Grid Solutions
http://www.gridminer.org/

Grid Performance and Information Services (GGF) [Web Archive Available]
http://web.archive.org/web/20110930004706/http://www-didc.lbl.gov/GridPerf/

GridPP - UK Distributed Computing Grid for Particle Physics
http://www.gridpp.ac.uk/

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GridRepublic - Volunteer Computing
http://www.gridrepublic.org/

GridSim: A Grid Simulation Toolkit for Resource Modelling and Application Scheduling for Parallel and Distributed Computing
http://www.cloudbus.org/gridsim/

GridSim Toolkit -- Resource Modeling and Scheduling Simultation
http://www.buyya.com/gridsim/

GVSS - Grid Virtual Screening Service
http://gvss2.twgrid.org/

Helix Nebula - The Science Cloud
http://www.helix-nebula.eu/

Hive - The Place To Mix, Share and Play Without Limits
https://www.hive.im/

How do I...: compare cloud hosting providers - what features should I compare?
https://www.firehost.com/compare#

How do I... : familiarize myself with cloud computing
https://www.youtube.com/results?search_query=cloud+computing+tutorials

How do I... : get to know what use it is for a cloud?
http://www.hightechdad.com/2013/03/22/15-top-cloud-computing-use-cases/

How do I... : strengthen my business case for using cloud?
http://www.opengroup.org/cloud/whitepapers/wp_cbuc/cbuc.htm

Hybrid Cloud Software For Aws Users
http://www8.hp.com/us/en/cloud/helion-eucalyptus-overview.html

IBM Cloud Computing
http://www.ibm.com/cloud-computing/us/en/

IBM Platform Computing - **Clusters, Grids, and HPC Clouds**
http://www-03.ibm.com/systems/technicalcomputing/platformcomputing/

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iland Workforce Cloud
http://www.iland.com/services

Idera Uptime Cloud Monitor pay for only what you use (elastic pricing)
http://www.idera.com/infrastructure-monitoring-as-a-service

InfoChimps Platform - Big Data Platform in the Cloud
http://www.infochimps.com/

Institute of Parallel and Distributed Systems (IPVS)
http://www.ipvs.uni-stuttgart.de/

International Journal of Cloud Computing (IJCC)
http://www.inderscience.com/jhome.php?jcode=ijcc

International Journal of Grid and Distributed Computing (IJGDC)
http://www.sersc.org/journals/IJGDC/

Internet-based Distributed Computing Projects
http://distributedcomputing.info

IRIS: Infrastructure for Resilient Internet Systems
http://iris.lcs.mit.edu/

iSGTW - International Science Grid This Week
http://www.isgtw.org/

JCGrid Web (Java Grid Computing)
http://jcgrid.sourceforge.net/

Journal of Grid Computing
http://link.springer.com/journal/10723

Know: Cloud computing fundamentals
https://www.scribd.com/book/268755961/Cloud-Computing-Fundamentals

Know: Cloud features
http://www.cloudcomputing-news.net/news/2012/oct/04/top-5-cloud-features-every-exec-should-know/

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Know: Cloud security
https://speakerdeck.com/garethr/cloud-security

Know: Web services, open source, clouds
http://radar.oreilly.com/tag/freecloud

Know: What is a service level agreement
http://www2.latech.edu/~box/ase/papers2011/Service%20level%20agreement%20in%20cloud%20computing.pptx

Lawrence Berkeley National Laboratory - Above the Clouds: A Berkeley View of Cloud Computing
http://cs.lbl.gov/

LHC@home Distributed Computing Research Project
http://lhcathome.web.cern.ch/

Linked Data - Connect Distributed Data Across the Web
http://linkeddata.org/

Live Hive – Channel Management and Intelligence
http://livehiveapp.com/

Manchester HEP Grid Working Group
http://www.hep.manchester.ac.uk/computing/tier2/

Manjrasoft - Innovative Cloud and Grid Computing Technologies
http://www.manjrasoft.com/

Mersenne Prime Search
http://www.mersenne.org/

Milkyway@Home - Help Discover the Structures in the Milky Way Galaxy
http://milkyway.cs.rpi.edu/milkyway/

Mithral - Client-Server Software Development Kit (CSSDK)
http://www.mithral.com/products/cs-sdk/

Mover - The Platform for Moving Files
https://legacy.mover.io/

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MusicGrid - A Case Study in Broadband Video Collaboration by Hassan Masum, Martin Brooks, and John Spence
http://firstmonday.org/ojs/index.php/fm/article/view/1238

myGrid
http://www.mygrid.org.uk/

MyGrid - Open Source Grid and Grid Middleware
http://mygrid.sourceforge.net/

MysterNetworks - The Evolution of Peer-to-Peer
http://www.mysternetworks.com/

Nasuni - The Gateway to Cloud Storage
http://www.nasuni.com/

nCrypted Cloud - Enterprise Grade Security
https://www.encryptedcloud.com/

NetSolve GridSolve
http://icl.cs.utk.edu/netsolve/

Network World
http://www.networkworld.com/

NIST Cloud Computing Collaboration Site
http://collaborate.nist.gov/twiki-cloud-computing/bin/view/CloudComputing/WebHome

NIST Cloud Computing Definition
http://www.nist.gov/itl/cloud/

NMI-EDIT Consortium [Project no Longer Active]
http://www.nmi-edit.org/

NVIDIA Tesla Personal Supercomputer
http://www.nvidia.com/object/personal-supercomputing.html

OGCE - Open Grid Computing Environments Collaboratory
http://www.collab-ogce.org/ogce/

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OneHub - Flexible Cloud to Share Files, Manage Projects and Online Collaboration
http://onehub.com/

Open Cloud Academy
http://opencloudacademy.rackspace.com/

Open Cluster Group
http://www.openclustergroup.org/

Open Data Grid
http://okfn.org/

Open Grid Forum - Applied Distributed Computing
http://www.ggf.org/

Open-i Project - An Open Access Biomedical Image Search Engine
http://openi.nlm.nih.gov/

OpenNebula - The Open Source Toolkit for Cloud Computing
http://www.opennebula.org/

OpenP2P.com
http://www.openp2p.com/

OpenSim - Open Grid Services
http://www.opensimulator.org/

Open Science Grid
http://www.opensciencegrid.org/

OSCAR : Open Source Cluster Application Ressources
http://www.csm.ornl.gov/oscar/

OSv Open Source Project - One of the Best OS for Cloud Workloads
http://osv.io/

Otixo - Manage Your Online Services in the Cloud
http://www.otixo.com/

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Parabon Computation - Internet Computing is Computing Outside the Box
http://www.parabon.com/

Parasitic Computing
http://www.nd.edu/~parasite/

Paremus - Redefining Enterprise Grid
http://www.paremus.com/

PCs Do Thousands of Years of Work By Jo Twist
http://news.bbc.co.uk/2/hi/science/nature/4270241.stm

PPTs: Cloud computing what is what
http://www.slideshare.net/Jeroeen/cloud-computing-34120407?qid=843a2a29-205c-4a96-81e9-b4d3a4773672&v=qf1&b=&from_search=4

Peer to Peer Working Group - P2P WG - Internet2
http://p2p.internet2.edu/

PiCloud - Cloud Computing Simplified
http://www.picloud.com/

PlanetLab
http://www.planet-lab.org/

Primadesk - Search, Manage, and Backup Your Personal Cloud Data with One Simple Interface
https://www.primadesk.com/

Public Data Sets on AWS
http://aws.amazon.com/publicdatasets/

PVM: Parallel Virtual Machine
http://www.csm.ornl.gov/pvm/

QADPZ - Quite Advanced Distributed Parallel Zystem
http://qadpz.sourceforge.net/

RackSpace Cloud - Cloud Computing, Cloud Hosting and Online Storage
http://www.rackspace.com/cloud/

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RadiotherapyGrid
http://www.isgtw.org/feature/feature-radiotherapygrid

ReliaCloud - Cloud Computing, Cloud Hosting, Cloud Servers
http://www.reliacloud.com/

Reservoir - Infrastructure for Cloud Computing
http://www.reservoir-fp7.eu/

Run any code in the cloud
https://www.syncano.io/

Sandglaz - Simply Powerful Todos
http://sandglaz.com/

SBGrid Consortium – for Structural Biology
http://sbgrid.org/

SCI-BUS - SCIentific gateway Based User Support
http://www.sci-bus.eu/

Secure Cloud Systems
http://www.transcertain.com/

Sense - A Collaborative Cloud Platform for Data Science and Big Data Analytics
https://senseplatform.com/

SIENA - Standards and Interoperability for eInfrastructure Implementation Initiative
http://www.sienainitiative.eu/

SIXTRACK - Research Project Using Internet Connected Computers to Advance Accelerator Physics
http://lhcathomeclassic.cern.ch/sixtrack/

SendGrid - Making Email Delivery Easy
http://sendgrid.com/

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SETI@home: Search for Extraterrestrial Intelligence
http://setiathome.berkeley.edu/

Slicify - Low Cost High Performance Cloud Computing Platform Powered By a Global Network of Home Computers
https://secure.slicify.com/

SmartFrog - Smart Framework for Object Groups
http://www.hpl.hp.com/research/smartfrog/

Spinhenge@home Distributed Computing Research Project
http://spin.fh-bielefeld.de/

SpotCloud – Market for Cloud Capacity
http://www.spotcloud.com/

Standing Cloud – Cloud Application Marketplace
http://www.standingcloud.com/

StratusLab – Open-Source IaaS Cloud Distribution
http://www.stratuslab.eu/

Swarm - A Transparently Scalable Distributed Programming Framework "Move the Computation Not the Data"
http://swarmframework.org/

SyncDocs - Sync Your Documents with the Google Cloud
http://www.syncdocs.com/

SZTAKI Desktop Grid
http://desktopgrid.hu/

TIBCO Cloud
http://www.tibco.com/products/cloud/default.jsp

TeraGrid [Project Ended; Archives Available]
https://www.xsede.org/tg-archives

The Beowulf Cluster Site Mailing Lists
http://www.beowulf.org/

The ChessBrain Network [Site not updated since 2006]
http://www.chessbrain.net/

The DataGrid Project
http://eu-datagrid.web.cern.ch/

The Five Levels of Cloud Computing
http://broadcast.oreilly.com/2010/03/five-levels-of-cloud-computing.html

The Globus Alliance
http://www.globus.org/

Tutorial: Cloud computing
http://thecloudtutorial.com/

Tools: Cloud-based analytics tools
http://www.informationweek.com/cloud/software-as-a-service/10-cloud-analytics-and-bi-platforms-for-business/d/d-id/1318724

Tools: Cloud Based data analysis tools
http://datawiz.io/

Tools: Creating Managing Deploying Infrastructure Cloud Services
https://cloudstack.apache.org/

Tools: Cloud Management Tools
http://searchcloudcomputing.techtarget.com/report/Cloud-management-tools-guide-for-beginners

Tools: Cloud Resource Management Cloud Monitoring Solutions for AWS only
http://cloudcheckr.com/

0Tools: Top 4 Cloud Network Monitoring Tools Compared
http://www.tomsitpro.com/articles/cloud-network-monitoring-tools,2-707.html

Tools: Top 4 Cloud Application Monitoring Tools Compared
http://www.tomsitpro.com/articles/saas-application-monitoring-tools,2-711.html

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TOP500 Supercomputer Sites
http://www.top500.org/

UNICORE Distributed Computing and Data Resources
http://www.unicore.eu/

UPnP™ Forum
http://www.upnp.org/

Univa Gridengine – Where Big Compute and Big Data Meet
http://www.univa.com/

University of Florida - OCEAN Project
http://www.cise.ufl.edu/research/ocean/

UShareSoft – Manage Any App for Any Cloud
https://www.usharesoft.com/

vCloud at Carnegie Mellon
http://www.pdl.cmu.edu/vCloud/

VMLogix LabManager - Cloud Edition
http://www.vmlogix.com/Products/LabManager-Cloud-Edition/

Web Services Grid Application Framework (WS-GAF)
http://www.neresc.ac.uk/ws-gaf/

WhitePaper: Taking the Mystery out of Public Cloud Migration
https://m.sciencelogic.com/public-cloud-migration

Wireless Grids: Squeezing a Grid Onto a Widget
http://www.isgtw.org/feature/feature-wireless-grids-squeezing-grid-widget

WLCG - Worldwide LHC Computing Grid
http://wlcg-public.web.cern.ch/

World Community Grid for Health Research
http://www.worldcommunitygrid.org

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Worldwide Virtual Computer - Legion
http://www.cs.virginia.edu/~legion/

WS GRAM - Grid Resource Allocation and Management (GRAM)
http://www-unix.globus.org/toolkit/docs/3.2/gram/ws/

XtremWeb - Opensource Platform for Desktop Grids
http://www.XtremWeb.net

Yahoo! Directory Computer Science > Distributed Computing
http://dir.yahoo.com/science/computer_science/distributed_computing/

Younity - Your Personal Cloud
http://www.getyounity.com/

ZeroPC – Content Navigator for the Cloud
http://www.zeropc.com/

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Subject Tracer™ Information Blogs

Subject Tracer™ Information Blogs created and developed by the Virtual Private Library™ combine the best of the latest tools on the Internet. Using bots, blogs and news aggregators the Subject Tracer™ Information blogs generate RSS feeds with the latest resources to create a current information resource flow through niched subject tracers. I am proud to be the creator of the Internet's first Subject Tracer™ Information Blogs:

Virtual Private Library™
http://www.VirtualPrivateLibrary.com/

Accessibility Resources
http://www.AccessibilityResources.info/

Agriculture Resources
http://www.AgricultureResources.info/

Artificial Intelligence Resources
http://www.AIResources.info/

Astronomy Resources
http://www.AstronomyResources.info/

Auction Resources
http://www.AuctionResources.info/

Biological Informatics
http://www.BiologicalInformatics.info/

Biotechnology Resources
http://www.BiotechnologyResources.info/

Bot Research
http://www.BotResearch.info/

Business Intelligence Resources
http://www.BIResources.info/

zillman@VirtualPrivateLibrary.com
eVoice: 800-858-1462

ChatterBots
http://www.ChatterBots.info/

Data Mining Resources
http://www.DataMiningResources.info/

Deep Web Research
http://www.DeepWebResearch.info/

Directory Resources
http://www.DirectoryResources.info/

eCommerce Resources
http://eCommerceResources.info/

Education and Academic Resources
http://www.EducationResources.info/

Elder Resources
http://www.ElderResources.info/

Employment Resources
http://www.EmploymentResources.info/

Entrepreneurial Resources
http://www.EntrepreneurialResources.info/

Financial Sources
http://www.FinancialSources.info/

Finding People
http://www.FindingPeople.info/

Games Resources
http://www.GamesResources.info/

Genealogy Resources
http://www.GenealogyResources.info/

zillman@VirtualPrivateLibrary.com
eVoice: 800-858-1462

Grant Resources
http://www.GrantResources.info/

Green Files
http://www.GreenFiles.info/

Grid, Distributed and Cloud Computing Resources
http://www.GridResources.info/

Healthcare Resources
http://www.HealthcareResources.info/

Information Futures Markets
http://www.InformationFuturesMarkets.com/

Information Quality Resources
http://www.InformationQualityResources.info/

International Trade Resources
http://www.InternationalTradeResources.info/

Internet Alerts
http://www.InternetAlerts.info/

Internet Demographics
http://www.InternetDemographics.info/

Internet Experts
http://www.InternetExperts.info/

Internet Hoaxes
http://www.InternetHoaxes.info/

Intrapreneurial Resources
http://www.IntrapreneurialResources.info/

Journalism Resources
http://www.JournalismResources.info/

zillman@VirtualPrivateLibrary.com
eVoice: 800-858-1462

Knowledge Discovery
http://www.KnowledgeDiscovery.info/

Military Resources
http://www.MilitaryResources.info/

New Economy Analytics, Resources and Alerts
http://www.NewEconomyAnalytics.com/

Outsourcing/Offshoring Information and Resources
http://www.OutsourcingOffshore.us/

Privacy Resources
http://www.PrivacyResources.info/

Reference Resources
http://www.ReferenceResources.info/

Research Resources
http://www.ResearchResources.info/

RestStress™
http://www.RestStress.com/

Script Resources
http://www.ScriptResources.info/

ShoppingBots
http://www.ShoppingBots.info/

Social Informatics
http://www.SocialInformatics.info/

Statistics Resources and Big Data
http://www.StatisticsResources.info/

Student Research
http://www.StudentResearch.info/

Theology Resources
http://www.TheologyResources.info/

Tutorial Resources
http://www.TutorialResources.info/

World Wide Web Reference
http://www.WWWReference.info/

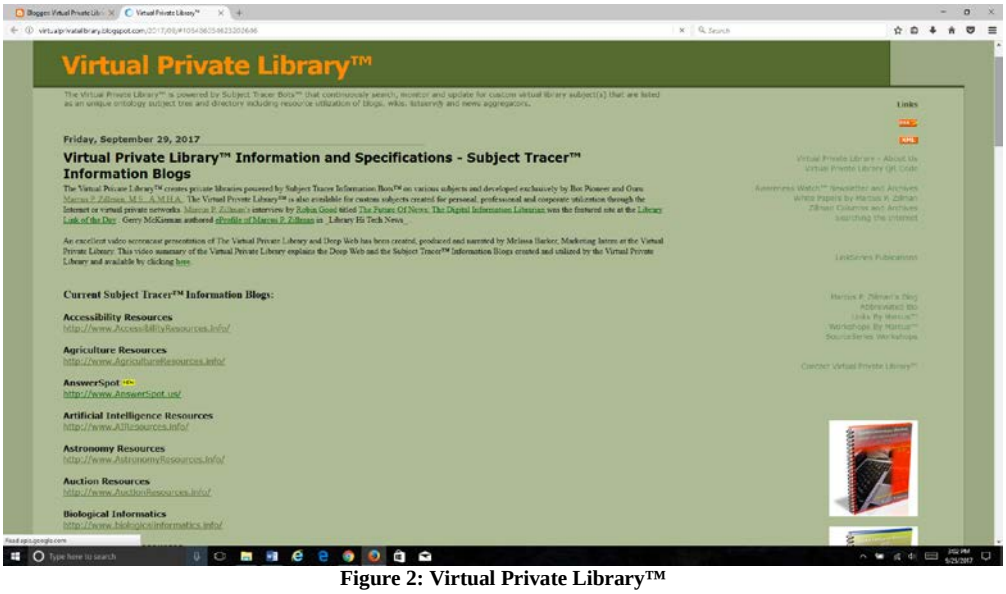

Figure 2: Virtual Private Library™

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Additional websites by Marcus P. Zillman, M.S., A.M.H.A.:

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Marcus P. Zillman's Blog (19,000+ Postings)
http://www.zillman.us/

Marcus P. Zillman Abbreviated Bio
http://www.zillman.info/

White Papers by Marcus P. Zillman
http://www.WhitePapers.us/

Internet MiniGuides™
http://www.InternetMiniguide.com/

Awareness Watch™ Newsletter
http://www.AwarenessWatch.com/

Marcus P. Zillman's Columns
http://www.ZillmanColumns.com

LinkSeries Publications
http://www.LinkSeries.com/

Links By Marcus™
http://www.LinksByMarcus.com/

Workshops By Marcus™
http://www.WorkshopsByMarcus.com/

SourceSeries Internet Research Workshops
http://www.SourceSeries.com/

Watch Marcus™
http://www.WatchMarcus.com/

listen to marcus™
http://www.ListenToMarcus.com

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Research White Papers, Articles, Lectures and Speeches by Marcus P. Zillman, M.S., A.M.H.A.:

2018 Directory of Directories
http://www.2018DirectoryOfDirectories.com/

Academic and Scholar Search Engines and Sources
http://www.ScholarSearchEngines.com/

Bots, Blogs and News Aggregators 2017
http://www.BotsBlogs.com/

Business Intelligence Online Resources 2017
http://www.BIOnlineResources.info/

Current Awareness Discovery Tools on the Internet 2017
http://www.zillman.us/white-papers/current-awareness-discovery-tools-on-the-internet/

Deep Web Research and Discovery Resources 2017 Article - LLRX and Online White Paper
http://zillman.blogspot.com/2017/01/llrx-deep-web-research-and-discovery.html
http://DeepWeb.us/

eMarketing MiniGuide 2017
http://www.eMarketingMiniGuide.com/

eReference Library Link Toolkit 2017
http://www.eReferenceLibrary.com/

Finding Experts By Using the Internet 2017
http://www.FindingExperts.info/

Finding People Resources and Sites 2017
http://www.FindingPeople.info/

Grid, Distributed and Cloud Computing Resources Primer 2018
http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/

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Healthcare Bots and Subject Directories 2017
http://www.HealthcareBots.info/

Knowledge Discovery Resources 2017
http://www.KDResources.info/

New Economy Resources 2017
http://www.NewEconomyResources.com/

Online Research Browsers 2017
http://www.zillman.us/white-papers/online-research-browsers/

Online Research Tools
http://www.OnlineResearchTools.info/

Online Social Networking 2017
http://www.OnlineSocialNetworking.info/

Searching the Internet 2017 – A Primer
http://www.SearchingTheInternet.info/

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2017
http://www.zillman.us/white-papers/using-the-internet-as-a-dynamic-resource-tool-for-knowledge-discovery/

Web Data Extractors 2018
http://www.WebDataExtractors.com/

Web Guide for the New Economy 2017
http://www.WebGuideNewEconomy.com/

White Papers By Marcus P. Zillman, M.S., A.M.H.A.
http://www.WhitePapers.us/

zillman@VirtualPrivateLibrary.com
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Internet Tutor by Marcus P. Zillman, M.S., A.M.H.A.
http://www.InternetTutor.info/
Visit this site to learn about the availability of Marcus P. Zillman to tutor you or your associate one on one in the privacy of your residence or office on the latest happenings of the Internet including Internet basics to advanced Internet searching using bots and creating your own personal blog.

Internet Speaking by Marcus P. Zillman, M.S., A.M.H.A.
http://www.InternetSpeaker.net
Visit this site to learn about Marcus P. Zillman's speaking engagements for your organization meetings and events. View and listen to his previous presentations as well as his weekly television shows.

Internet Consulting by Marcus P. Zillman, M.S., A.M.H.A.
http://InternetConsultant.BlogSpot.com/
Visit this site to obtain information about obtaining the consultation services of Marcus P. Zillman for your company including eCommerce audits, utilization of bots, blogs and news aggregators or the creation of your own personal virtual private library powered by Subject Tracer™ Information bots!

Current Awareness Monitors, Alerts and Information Traps
http://www.ecurrentAwareness.com/
Marcus P. Zillman's latest report Current Awareness Monitors, Alerts and Information Traps is available for purchase online and for immediate download. This report is a comprehensive listing of the latest resources, sources and sites for current awareness on the Internet. This is a must read for anyone who must stay current in their profession and/or business activity as the list of URLs will keep you at the leading edge of your career.

Market Intelligence Resources
http://www.MarketIntelligenceResources.com/
Marcus P. Zillman's just released professional Internet MiniGuide is titled Market Intelligence Resources is available for purchase online and immediate download. This 193 page digital miniguide represents a comprehensive listing of the latest resources, sources and sites to discover the latest Market Intelligence sources available on the Internet with many of them freely available! Designed specifically for today's entrepreneur, professional and/or investor.

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Entrepreneurial Links 101
http://www.EntrepreneurialLinks.com/
Marcus P. Zillman's newly released 231 page eReference digital book for the up and coming entrepreneur. Entrepreneurial Links 101 gives an alphabetical listing of the very best Internet and World Wide Web sites covering Entrepreneur Resources, Business Intelligence Resources and an extremely comprehensive list of Online Research Tools. This is considered by many to be the entrepreneur's bible for finding relevant and competent online resources!

Internet Privacy and Security Resources
http://www.InternetPrivacySecurity.net/
Marcus P. Zillman's latest eReference digital publication is a selected comprehensive alphabetical listing of the latest resources and sites covering all aspects of privacy and security currently available over the Internet. From the board room to the family room, these resources and sites give you the information you need to maintain your privacy and security as you use the Internet in your business and personal life.

Research Resources Online Guide
http://www.ResearchResourcesOnline.net/
Marcus P. Zillman's latest LinkSeries Publication is a 340 page digital guide of a selected comprehensive alphabetical listing of the latest and greatest resources and sites covering all areas of research that is currently available over the Internet. The guide covers online research resources and tools for the Newbie to research as well as the Seasoned researcher. Contents include: a) Research Resources, b) Research Tools, c) Student Research Resources Toolkit, d) Knowledge Discovery/Management and Data Mining Resources, e) Knowledge Discovery/Retrieval and the World Wide Web Resources, f) Business Intelligence Resources, g) Reference Resources, and h) Subject Tracer™ Information Blogs.

The Survivor's Manual for The New Economy.
http://www.NewEconomyManual.com/
Marcus P. Zillman's latest LinkSeries Publication is a 239 page digital read that gives excellent resources and annotated sources for the new economy analytics, alerts, ecommerce, financial sources, invisible and deep web resources, social and business networking sources along with new economy competitive and business intelligence resources and an extremely comprehensive listing of new economy online tools.

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