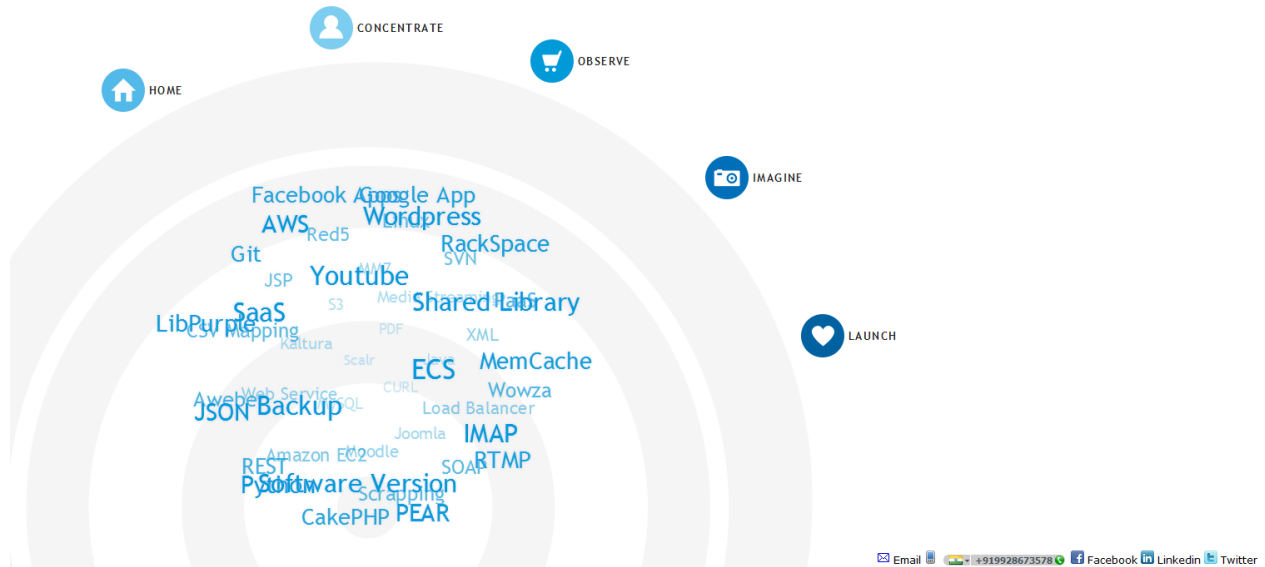




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### SVNLABS – Entrepreneur

We are growing enterprise in application development on Cloud Hosting like Amazon EC2/S3 and RackSpace.

### Cloud Hosting & Development

**Tools:** Amazon EC2 AMI Tools, AWS Management Console, Elasticfox, S3Fox, CloudBerry S3 Explorer

**IDE:** Eclipse

**Language:** PHP, Python, Perl, Java

**Other:** Putty, WinSCP, VMWare, VirtualBox

### Key Features

**Cloud Hosting:** To provide best hosting services using different cloud architecture like AWS, RackSpace etc.

**Scaling:** Scalr.net is tool used to provide scalable mission critical applications.

**Backup:** Amazon S3, EBS and RSynch are most used services for backup data and server AMIs.

**Monitoring:** Amazon CloudWatch provides monitoring for AWS cloud resources and the applications customers run on AWS.

**Load Balancing:** Elastic Load Balancing automatically distributes incoming application traffic across multiple Amazon EC2 instances.

**Storage:** Amazon S3 and Amazon CloudFront is a web service for content delivery.

**Database:** Amazon **SimpleDB** is a highly available, flexible, and scalable non-relational data store that offloads the work of database administration. Amazon Relational Database Service (**Amazon RDS**) is a web service that makes it easy to set up, operate, and scale a relational database in the cloud.

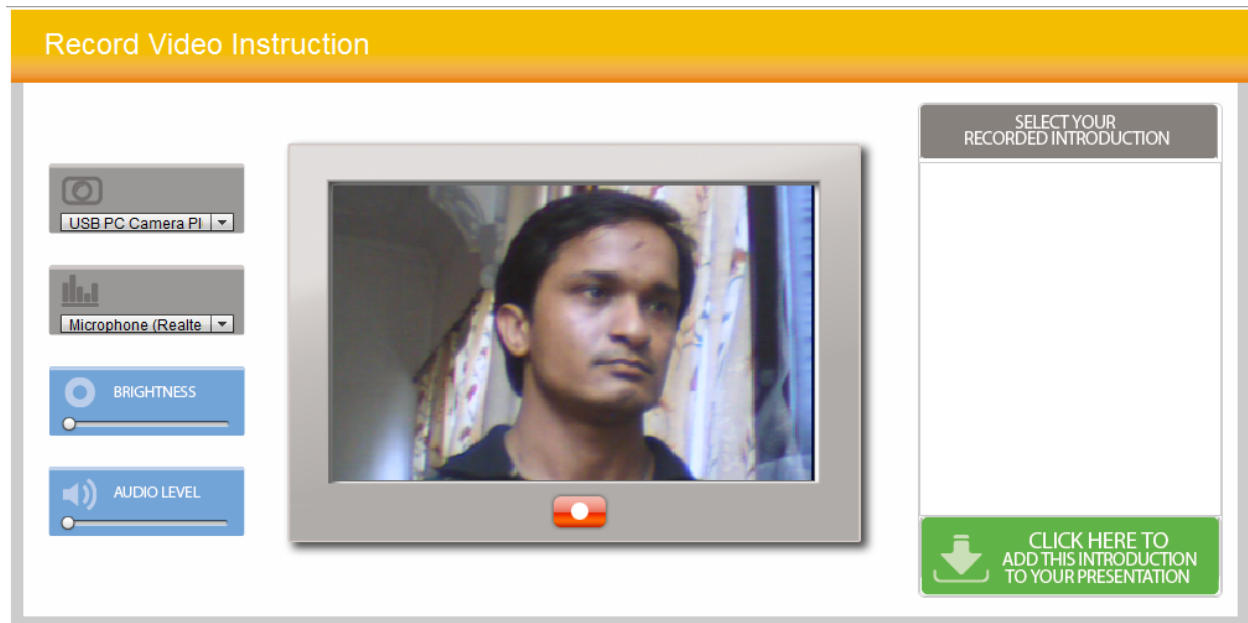


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**Red5 Cam Recorder** – To record/capture web cam and save files as FLV, MOV, OGG, WMV etc.  
<http://www.svnlabs.com/red5.html>

#### Features

1. Red5 implementation of Web Cam to capture videos.
2. Video Clips saved to Amazon S3 for better streaming support.
3. Users can manage camera, microphone, brightness, audio level, past captured clips.
4. Users can save output video clips as different formats.





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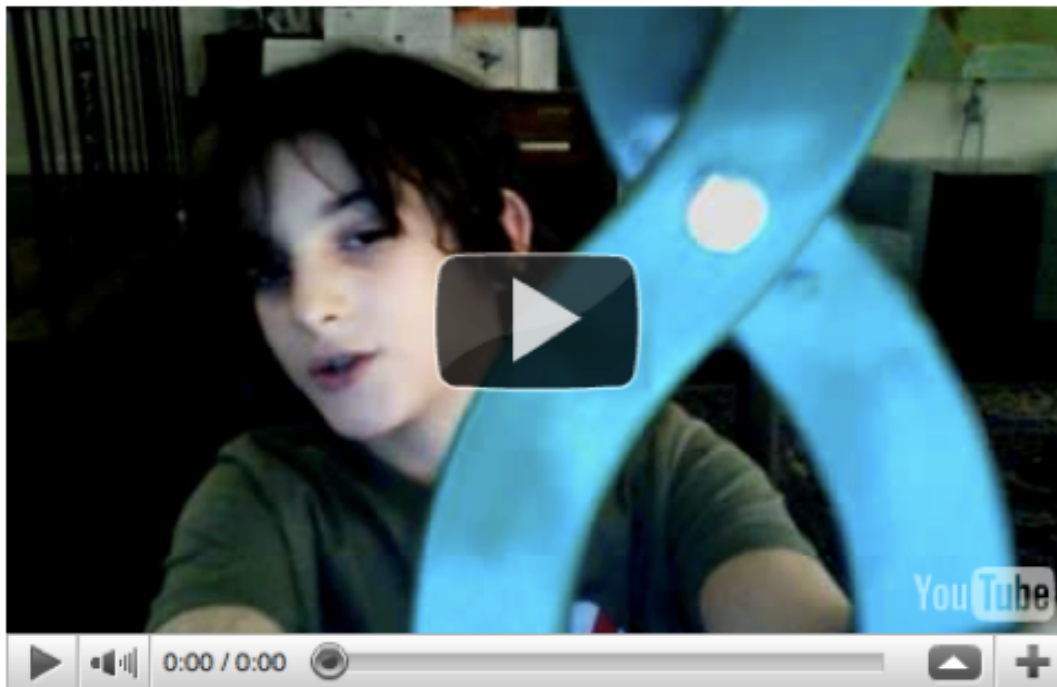
**Kidzvuz** – To provide Red5 Cam Recorder for publishing video clips on youtube using Zend Gdata API  
<http://kidzvuz.com/>

#### Features

1. Users can capture video clips using Red5 implementations of web cam.
2. Users can preview video clips before posting to youtube using Zend Gdata Youtube upload API.
3. All video clips are saved to Red5 server to manage all posting & previewing.

### Review your video.

Here's your video review! If you like it, click next to submit it. If not, click 'Back' to record another video.




< Try again

Submit my video!



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### Girl's Best Friend

SUNDAY, APRIL 3 - REVIEWED BY: PINKY PIE



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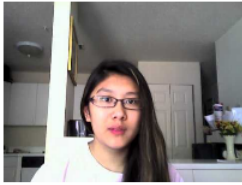
Was this review helpful?  
**BUZZZZZZ**

0 - Add a comment

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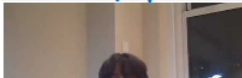
### Selena Gomez!!!



Was this review helpful?  
**BUZZZZZZ**

JUNE 25 TOYS AND GAMES

### Nerf CS6 Deploy



How to

[Earn Badges](#)

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From the Hive...

KidzVuz is the ONLY site where kids get to have their say! It's the place to talk about the stuff you love. Here's how it works: 1. Sign up or Sign in 2. Make a video review 3. Answer a few questions, then upload the review you made 4. Watch, comment and rate other



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### VaR Cloud App (SaaS = PaaS + IaaS)

VaR is a tool to upload/backup CSV file to Amazon S3 then analysis & report data for Historical, Co-Variance and Monte-Carlo.

<http://st00166var.appspot.com/index.jsp>

### System Requirements

Amazon Web Services (AWS)

Google App Engine (GAE)

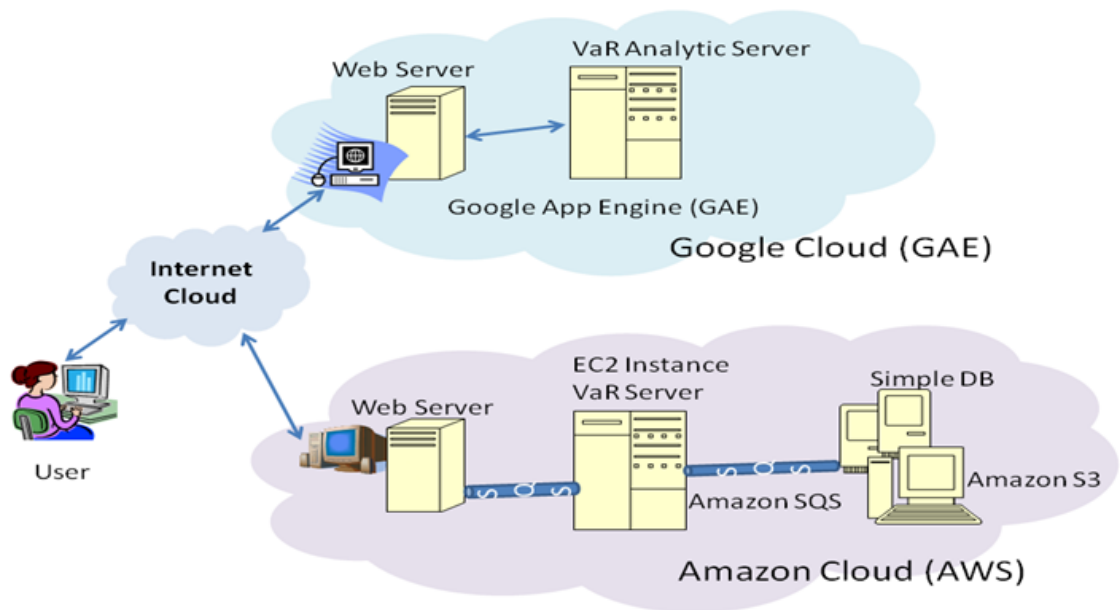
Google Chart Libraries

Eclipse IDE

### Features

1. Amazon EC2 used as IaaS.
2. Google App Engine used as PaaS.
3. Amazon S3 used for storing CSV files (Google Finance) to Value at Risk Analysis based different algorithms.
4. Google Graph API used for reporting CSV data as bar Chart.
5. Migration of Amazon EC2 AML to different region.

### SaaS development using Cloud Hostings



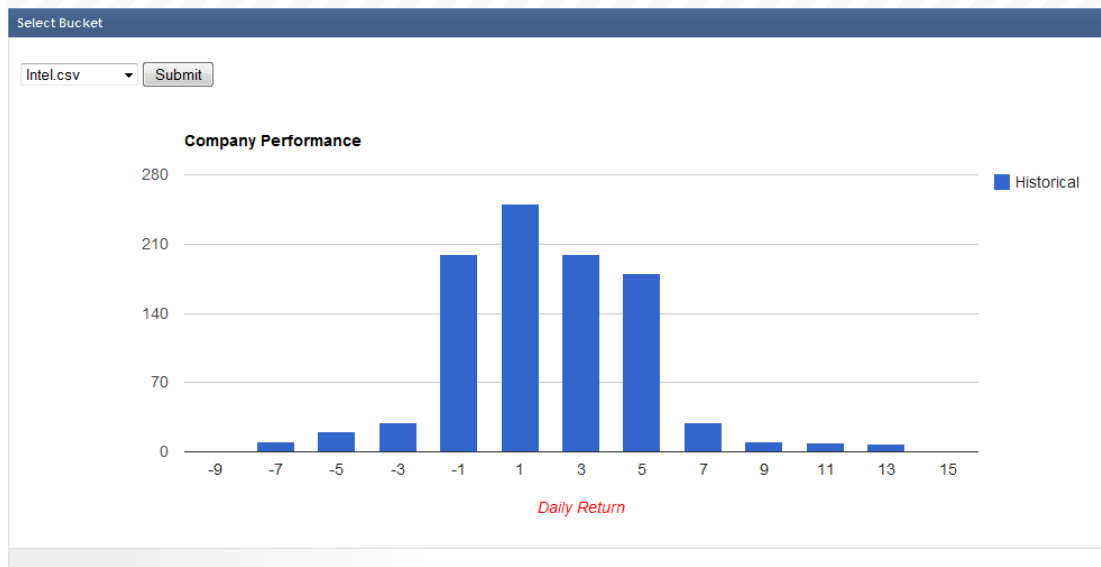
### CSV files from <http://www.google.com/finance> uploaded to Amazon S3

Buckets			Objects and Folders		
Create Bucket			Upload Create Folder Actions		
kavlanis			Refresh Properties Transfers Help		
testjsp					
			Name	Size	Last Modified
			Apple.csv	271.6 KB	Thu May 12 15:33:06 GMT+530 2011
			Aviva.csv	89.4 KB	Thu May 12 18:43:24 GMT+530 2011
			BP.csv	105.3 KB	Sun May 15 20:52:37 GMT+530 2011
			Dover.csv	259.2 KB	Wed May 04 15:36:22 GMT+530 2011
			Emerson.csv	134 KB	Sun May 15 20:53:02 GMT+530 2011
			HITACHI.csv	300.3 KB	Tue May 10 05:56:00 GMT+530 2011
			IBM.csv	578.5 KB	Tue May 10 14:05:02 GMT+530 2011
			Intel.csv	265.2 KB	Mon May 16 14:33:34 GMT+530 2011



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## Google Chart using CSV files



## AWS S3 Bucket Policies

Objects and Folders

Upload Create Folder Actions

svwpmu

Name

- index.html
- tb.png
- twitter.jpg

Standard

06:44:13 GMT+530 2011

**Bucket Policy Editor** Cancel X

Policy for Bucket : "svwpmu"

Add a new policy or edit an existing bucket policy in the text area below.

```
{
  "Version": "2008-10-17",
  "Id": "Policy1303800905065",
  "Statement": [
    {
      "Sid": "AllowPublicRead",
      "Effect": "Allow",
      "Principal": {
        "AWS": "*"
      },
      "Action": "s3:*",
      "Resource": "arn:aws:s3:::svwpmu/*"
    }
  ]
}
```

[AWS Policy Generator](#) | [Sample Bucket Policies](#)

Save Delete Close

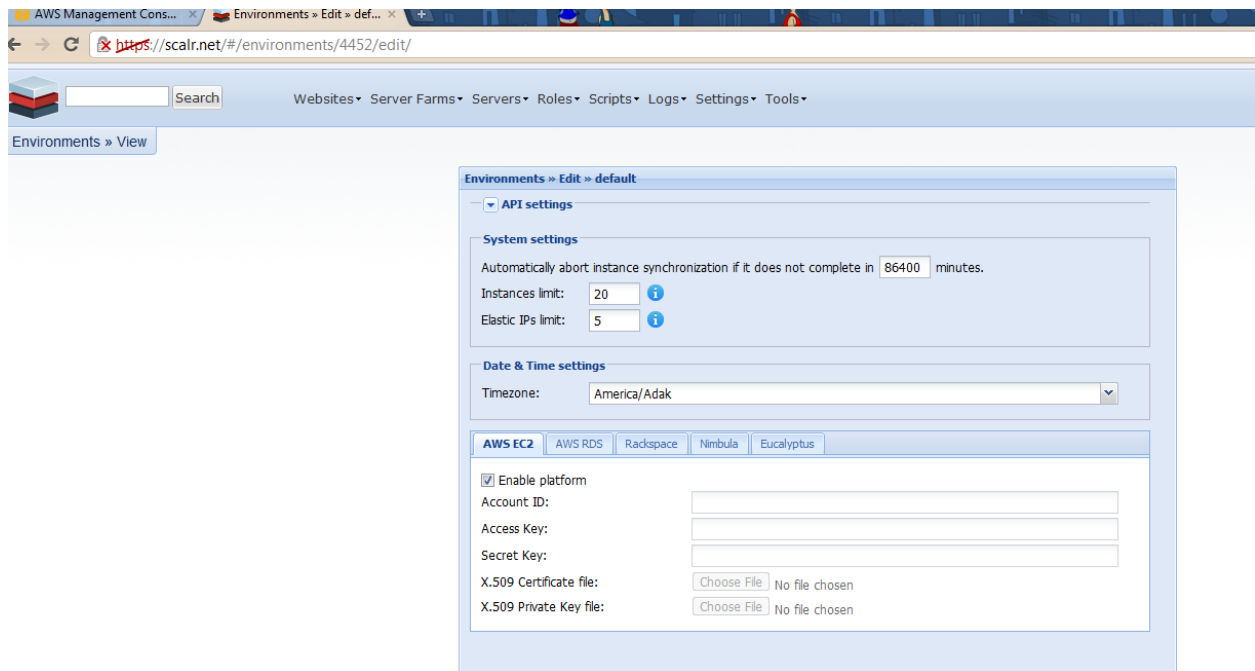
Grantee: Everyone List Upload/Delete View Permissions Edit Permissions



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## Scalable Hosting Environment using Scalr.net

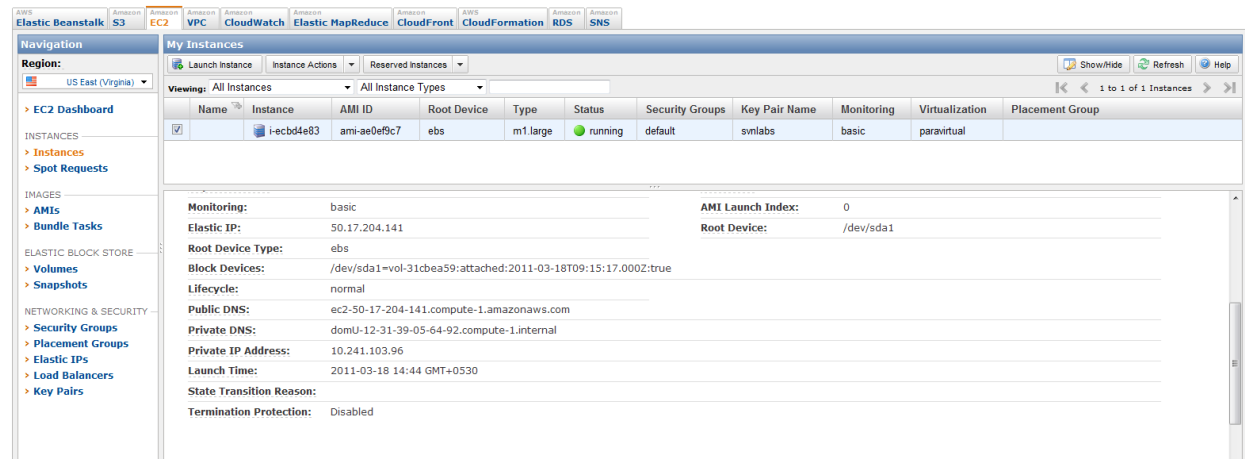
It is a tool to provide scalable hosting in shared manner.



## Migration of AMI between different availability regions

This was a good opportunity to migrate Amazon AMI to nearest node from end users.

### US East (Virginia)





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### EU West (Ireland)

AWS

Elastic Beanstalk

S3

Amazon

EC2

VPC

CloudWatch

Elastic MapReduce

Amazon

CloudFront

AWS

CloudFormation

Amazon

RDS

Amazon

SNS

Navigation

Region: EU West (Ireland)

EC2 Dashboard

INSTANCES

Instances

Spot Requests

IMAGES

AMIs

Bundle Tasks

ELASTIC BLOCK STORE

Volumes

Snapshots

NETWORKING & SECURITY

Security Groups

Placement Groups

Elastic IPs

Load Balancers

Key Pairs

My Instances

Launch Instance

Instance Actions

Reserved Instances

Showing: All Instances

All Instance Types

1 to 1 of 1 Instances

Name	Instance	AMI ID	Root Device	Type	Status	Security Groups	Key Pair Name	Monitoring	Virtualization	Placement Group
<input checked="" type="checkbox"/>	empty	i-47dc1631	ami-17566163	instance-store	m1.large	running	default	svnlabs	basic	paravirtual

Monitoring: basic

Elastic IP: -

Root Device Type: instance-store

Block Devices: N/A - Instance Store

Lifecycle: normal

Public DNS: ec2-46-51-134-196.eu-west-1.compute.amazonaws.com

Private DNS: ip-10-58-67-95.eu-west-1.compute.internal

Private IP Address: 10.58.67.95

Launch Time: 2011-03-18 21:31 GMT+0530

State Transition Reason:

Termination Protection: Disabled

AMI Launch Index: 0

Root Device: -





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**VidZapper** – Debugging of Stream Source (RTMP, RTSP, M3U8, F4M etc.)

<http://www.Vidzapper.com>

<http://vzstreams.vidzapper.com/>

### Features

1. RTMPDump used for checking RTMP source is alive or dead.
2. Fixing wowza problems while creating different streaming sources.
3. FFmpeg used to save streaming sources to server or S3.

# VZStreams

[Home](#)[Add](#)

List

Client	Project	URL	Status	Action
Giralda	Giralda TV Live	rtmp://giraldatvlivefs.fplive.net/giraldatvlive-live/stream001	Running	<a href="#">View</a> <a href="#">Restart</a> <a href="#">Delete</a>
PSOE	PSOE Live	rtmp://psoelivefs.fplive.net/psoelive-live/stream001	Stopped	<a href="#">View</a> <a href="#">Restart</a> <a href="#">Delete</a>
Test	Test	rtmp://vidzapperlivefs.fplive.net/vidzapperlive-live/stream101	Stopped	<a href="#">View</a> <a href="#">Restart</a> <a href="#">Delete</a>
Cars	Cars	rtmp://upbeatfs.fplive.net/upbeat/cars.flv	Running	<a href="#">View</a> <a href="#">Restart</a> <a href="#">Delete</a>
DD2	DD2	rtmp://flashmedia.nic.in:80/live/dd1	Running	<a href="#">View</a> <a href="#">Restart</a> <a href="#">Delete</a>
1080Media	Korea Cup	rtmp://sportzzonelivefs.fplive.net/sportzzoneline-live/stream001	Stopped	<a href="#">View</a> <a href="#">Restart</a> <a href="#">Delete</a>
Door	Dooor	rtmp://flashmedia.nic.in:80/live/dd1	Running	<a href="#">View</a> <a href="#">Restart</a> <a href="#">Delete</a>
m	m	rtmp://navlink.fc.lnwd.net/navlink/s_navlinkelow?h=684c2abfc2cd83b4746ee7d4d85cfd39	Running	<a href="#">View</a> <a href="#">Restart</a> <a href="#">Delete</a>




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**Vizr.com** – Get Expert Advice Instantly using wordpress implementation on Amazon EC2 hosting.

<http://vizr.com/>

#### Features

1. Vizr is now hosted on RackSpace, previously it was on Amazon EC2/S3.
2. Wowza installation for providing web cam chat between expert & client users.
3. Database backup system using wordpress & RSync.
4. Fully customized wordpress using Ajax.




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Simply More







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**Please review some videos for Amazon Web Services**

Facebook Fan Page on Amazon S3: <http://www.youtube.com/watch?v=JbkMbQHRel>

Facebook Fan Page App on Amazon EC2: <http://www.youtube.com/watch?v=Hyore3CZ3n0>

Red5 Cam Recorder: <http://www.youtube.com/watch?v=GNKLLIY8hAM>

Scalr: [http://www.youtube.com/watch?v=IUHytCWv\\_AA](http://www.youtube.com/watch?v=IUHytCWv_AA)

Thanks & Regards,  
SVNLABS



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