

Factor	AWS	Azure	Google	NetworkSolutions	GoDaddy	1&1
OpenSource/Tech	Linux environment / root access Additional cost for Windows micro:1CPU/1GB/5GB	A1 Level Linux or Windows (1 CPU, 1.75GB; 40GB)	CentOS and other free distributions available. Windows option available 1 CPU; 3.75 GB RAM, 50 GB Storage	CentOS Linux Only 512MB RAM 10GB Storage 500GB Transfer / month	Linux (CentOS) or Windows (Managed Patching, Security, Monitoring) 1GB RAM, 40GB Storage, 1TB Bandwidth	Linux (CentOS 6, Ubuntu 14.04 LTS, OpenSUSE, Debian) or Windows 2008 R2
DNS Support	Allows you to map a registered name to AWS instance	Did not find (probably similar to AWS)	Did not find (probably similar to AWS)	DNS Services available	DNS Service Available	DNS Service Available
SSL Support	Can be added	Can be added	Can be added	SSL Service available	SSL Certificate free	SSL Certificate available for \$50/year
JavaScript Modules	Full root access will allow us to configure services	Full root access will allow us to configure services	Full root access will allow us to configure services	Full root access will allow us to configure services	Full root access will allow us to configure services	Full root access will allow us to configure services
Cost	Free Option (Micro) available to start	Linux \$35/month; Windows	\$28/month estimate	\$40/month	\$24.99/month when order for 1 year	Virtual Server starting at \$5/month (intro

	Pricing based on hourly charge for both EC2 and OS (some linux options are free)	\$57/month Free trial available				rate; goes to \$13/month after 6 months)
Comments	http://docs.aws.amazon.com/getting-started/latest/wh/getting-started-register-domain.html https://aws.amazon.com/ec2/pricing/	Not sure which linux are supported	Very Complex Pricing Model	<< http://www.networksolutions.com/vps/compare.jsp >>	Very popular service	Popular service for web hosting although limited toolset for web design; not as much information regarding VPS hosting solution.

General Notes:

- Estimated only a minimal server will be needed for prototype support since GitHub will be source code repository, server will only be for functional testing and final presentation for limited time.
- Multiple sources for SSL certificates including <<<https://letsencrypt.org/>>> if deploying on Linux/Apache platform.
- JavaScript Modules - To ensure ability to customize web hosting service to support JavaScript modules required focusing only on Virtual Private Server (VPS) type solutions that grant administrative control to the system and allow for customization.

Articles found on web related to service comparison

Top Hosting Services for 2015

<<<http://www.pcmag.com/article2/0,2817,2424725,00.asp>>>

Analysis of AWS, Azure, and Google Hosting services

<<<http://cloudacademy.com/blog/public-cloud-war-aws-vs-azure-vs-google/>>>

Analysis of AWS and Azure Hosting Services

<<<http://www.tomsitpro.com/articles/azure-vs-aws-cloud-comparison,2-870.html>>>

Quote from article:

The Right Choice Open Source Software Users

If Microsoft's relationship with open source software was a Facebook status, it would be "It's complicated." Microsoft wouldn't be Microsoft if didn't make Azure a slippery dance floor those with Linux as their dance partner.

In fairness, Azure does work with certain flavors of Linux, notably SUSE and Oracle. If your enterprise runs either of these two distros, or a handful of others, you're in luck, as Azure support is available. Conspicuously absent is support for Red Hat Enterprise Linux (RHEL), a limitation that's sure to be glaring if your enterprise is one of the many that relies on RHEL for your operations. Considering the number of businesses that use RHEL, Microsoft is sending a lot of customers to AWS by default.

And this isn't an instance like AWS GovCloud vs. Azure Government. Based on the years of history between Microsoft and Red Hat, we think it's unlikely that the two will broker a deal to allow RHEL support on Azure anytime soon. If you're deeply invested in Red Hat's solutions, AWS is your cloud of choice.

Analysis/Recommendations

Final decision will be determined by OS choice:

- If we choose to support this from a Windows Platform we should use the Azure service starting with the free trial to get us through this initial prototype/design.
- If we choose to support this from a Linux Platform we should use the AWS service micro (free) from this initial pilot.

Fall back/contingency plan:

- If we encounter difficulties, we should use GoDaddy service to host the prototype.