DEVELOPMENT, INTEGRATION AND DEVOPS; CORE DEVTEGRATE SERVICES

Development in DevOps (Development Operations) is majorly focused on the delivery pipeline to “build, test and release” on one part and then “plan and monitor” on the other end. This process is meant to increase the ability of organizations to deliver applications and services more effectively and efficiently, with the utilization of various tools for integration.

Integration on the other hand, is a viral DevOps Software Development practice where developers merge their codes and changes into a central repository. As a result, multiple developers can work seamlessly on a single project divided into various sections at the same time. Basically the Development process leads the way and encourages integration into the system, the aim is to “build, test, release, plan and monitor”. This process however requires a depth of knowledge about Cloud Computing, Cloud servers and Services, and the process of integration into various environments (On Premise Cloud Infrastructure).

The process of integration at Devtegrate is a complex mix of Containerization and the utilization of various DevOps tools with the aim being to develop scalability (Scaling Infrastructure) and automation, in other words in-depth knowledge of Cloud Computing, Cloud servers and Services, and the process of integration into various environments.

Devtegrate ensures CI/CD operations (Continuous Integration and Continuous Delivery) with expert knowledge in the use of Ansible and Terraform and a host of other tools like: Jenkins, CircleCI, GitLab and many more. This process involves automation which is a major practice with the use of tools like “Chef and Puppet as well as Ansible and Terraform as mentioned above,” however not limited to.

At Devtegrate, we develop cloud environments and also integrate to clients environment and in line with DevOps best practices, continuous integration and continuous delivery as earlier mentioned, micro-services, infrastructure as code, monitoring and logging, communication and collaboration.

ABOUT DEVTEGRATE

With combined Cloud DevOps experiences of over Fifty years (50 yrs) made up of a strong team of multinationals, having an understanding of various Clients on a global scale.  
Devtegrate prides itself in the provision of professional services, with well established Clients to testify to this ascension.

However Devtegrate is not limited to DevOps operations alone as it also fields a team of professionals in various technological and programming stacks but with the major boast being in the provision of expert DevOps services provided by experts certified in the use of Amazon Website Service (AWS), Microsoft Azure, Google Cloud Platform as well as Oracle Cloud Service and the like.

Devtegrate possesses vast knowledge in the utilization of various tools for automation processes, CI/CD actions, Containerization of Applications, monitoring, logging and a host of other service requirements, to mention a few tools: Chef, Ansible, Terraform, Puppet, Docker, GitLab, GitActions, Azure Kubernetes Service (AKS), Elastic Kubernetes Service (EKS), Jenkins, kubernetes, CircleCI and the list goes on; becoming one of the landing organizations in Cloud formation, Infrastructure and Automation.

Some of our notable Clients include: National Basketball Association (NBA), Hard Rock Cafe, Disney, AutoStore and they all testify to our competence and usage of a collaboration of tools to automate deployments with a dedicated team to support application deployment and a vast experience working in the cloud space.

Beyond our experience working with various DevOps, Devtegrate also posseses experience working with DOD security application in other words (DevSecOps). DevSecOps is a set of software development practices that combines software development (Dev), security (Sec), and information technology operations (Ops) to secure the outcome and shorten the development lifecycle. Ultimately, the Organizational aim of Devtegrate is to lead the market in being a force to reckon with in DevOps and Cloud Infrastructure, as well as to solve market needs in Cloud or on premise cloud infrastructure.

FREQUENTLY ASKED QUESTION

What is DevOps?

A compound of development (Dev) and operations (Ops), DevOps is the union of people, process, and technology to continually provide value to customers. DevOps enables formerly siloed roles—development, IT operations, quality engineering, and security—to coordinate and collaborate to produce better, more reliable products. By adopting a DevOps culture along with DevOps practices and tools, teams gain the ability to better respond to customer needs, increase confidence in the applications they build, and achieve business goals faster.

* Microsoft

How do we render our Services?

Here at Devtegrate, we have an objective to Develop, Integrate and deploy multi-directional technical services to our clients. Businesses that adopt DevOps tools benefit in many ways: Accelerating time to market, Adapting to the market and competition, Maintaining system stability and reliability, improving the mean time to recovery.

How to integrate and utilize various DevOps tools?

Once you contact us, we will begin consulting with you on the best ways to incorporate DevOps into your business operations

**RECENTLY ADDED CONTENTS**

**AMAZON WEB SERVICE**

Cloud servers seem to be taking over the computation and storage solutions of many big agencies and organization opting for Cloud Computation due to its all inclusiveness of SAAS (Software as a Service) and PAAS (Platform as a Service) to IAAS (Infrastructure as a Service), in other words Cloud Computing solutions. It is also fast becoming a favorite choice for its speed and efficiency in handling multiple complex tasks and frameworks.

When the word “cloud computing” is connoted the trio of AWS, AZURE, and GCP is denoted, topping the chart for their ease of usage and expert service tools and many. AWS (Amazon Web Service) is the foremost professional in this field, notably for its great influence in “Cloud Infrastructure.” AWS possesses a very robust array of tools and resources to enable easy integration to Cloud Computing. Using its tools of EKS (Elastic Kubernetes Service), Template Instance creation known as EC2, or RDS for Database integration.

AWS focuses on structures set in place which includes the ability to automate and ensure scalability. AWS manages and ensures upgrade, backup of database in the Infrastructures created for various software’s and application use. What makes AWS stand out from other Cloud Computing service is its wide range and preferred choice for organizational solution to slow system run time and response. AWS is however affected by pricing and its choice of usage is all dependent of Organizational need and preference.

**MICROSOFT AZURE**

Azure is Microsoft solution to Amazon Web Service. Both are classified as Cloud Service provider and a major platform used by DevOps Engineer. Microsoft Azure also comprises of various tools and just as instances are launched on AWS and other Cloud Platforms Azure takes pride in this actions as well with Automation actions done by AKS (Azure Kubernetes Service).

However there is a very thin line between Azure and AWS. First would be relating to the price of both platform; it is believed that AWS charges higher when compared to Azure prices for Service provided which are relatively lower.

Also AWS framework lack basic assignment of tools and representation using basic concept when compared to Azure framework, which makes it easy to identify and navigate through with little complexities.

Azure also possesses a lower regional reach when compared to AWS, but makes up for this short coming by being the more preferred choice for app service environment creation and ensuring Scalability and Automation.

DevOps is fast becoming an important part of technological advancement, with various organizations seeking cloud integration for their software due to its efficiency, reliability and effectiveness.

**GOOGLE CLOUD PLATFORM**

Joining the league of Cloud Service provider is Google. GCP (Google Cloud Platform) is Google’s answer to AWS and Azure with a major advantage; it is much more cost effective. While AWS and Azure charges users pay minute, Google takes it to a whole new plain by charging lower, specifically for lower instances used. GCP also offers highly discounted prices on the use of most of its services and as the highest compute offerings like; big data, machine learning, high transfer stability with minimal data loss during server and storage transfer unlike Azure hybrid cloud system process.

Invariably, Google Cloud Platform when compared to Amazon Web Service and Microsoft Azure doesn’t really have much to offer, however what it lacks in tools it definitely makes up for in pricing and specialized services it offers.

**HELP CENTER CONTENTS**

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**.** Microsoft

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How to integrate and utilize various DevOps tools?

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Devtegrate Position in the Changing Tide of Technology?

The Technological field has a very dynamic nature with change policies and new inventions every day; Devtegrate continues to make advances contributing its quota to this Technological evolution

Devtegrate Clients and Portfolio?

Devtegrate boost of a wide array of professional and multi-million dollar companies, and organization well satisfied with the service provided. One of such company includes “National Basketball Association”, “Microsoft” and even “Disney” with many more.

Other Devtegrate Services?

DevOps, Automation and Cloud Services, however not limited to this services as Devtegrate boost of a variety of Professional Service in the Technological field with the aim to solve organizational problems through advance technological means.

Devtegrate Timeframe for Servie Completion and Delivery?

Devtegrate offers the best service in the cloud sphere with a dynamic team of professionals made up of multinationals from various countries with expert skills in various stack and is guaranteed to offer efficient service round the clock.

For pricing and billing on our Service delivery, schedule an appointment with Devtegrate by following the link provided below.

Consult with us.

Contact Devtegrate via Social Media?

You can reach Devtegrate on various Social Media platforms ranging from Facebook to Twitter and Instagram at the User Details provided below.

Instagram

Twitter

Facebook

Mail

**SOCIAL MEDIA BIO**

Devtegrate is a US based Cloud Service Company specialized in the development of Cloud Infrastructure, Automation and Deployment. Devtegrate is also involved in other spheres of technological expertise and technological solutions.

OR

DevOps… Automation… Cloud Service…

Twitter First Post:

Devtegrate is a US based Cloud Service Company specialized in the development of Cloud Infrastructure, Automation and Deployment. Devtegrate is also involved in other spheres of technological expertise and technological solutions.

#CloudComputing #AWSCommunity #AzureHybrid

**ERROR HANDLING**

Error:

Devtegrate leads the market from a strong fundamental technical competence by deploying multi-directional technical services to clients and raising technical experts.

Correction:

Devtegrate leads the market from a strong fundamental point of view boasting of technical competence and multi-directional technical services rendered.

Error:

View Our Expert Skills and Professional Choice on Tools !

Correction:

View our expert skill set and professional choice of tools for service delivery

1. **THE USE OF CLOUD SERVICES AND TOOLS TOWARDS TECHNOLOGICAL ADVANCEMENT HAS WITNESSED A MASSIVE BOOST AS A RESULT MAKING LIFE EASIER.**

**The use of cloud services and tools towards technological advancement has witnessed a massive boost as a result making life easier.**

1. **START YOUR JOURNEY WITH THE RIGHT INFORMATION!**

**Start your journey with the right information!**

Error:

Create the Perfect Project Structure

Software developmental Life cycle with the best structural development, Object Oriented with the aim to provide a Perfect Project outcome.

Correction:

Create the perfect project structure

With more focus on object oriented programming and infrastructure as code, creating the perfect set up for software’s and integrating its virtual environment during the developmental life cycle has become easier.

Error:

Version Control and Scalability

Keeping tract of data structure and progress of code across Software Development Lifecycle and it's multiple iterations to maintain and keep track of all critical informations.

Correction:

Version control and scalability

Monitoring various software data structure and the progress of code with the integration of a virtual environment during the software developmental lifecycle, comes with the assurance of scalability and version control for ease of use.

Error:

Accelerated App Production Process

The final step in application and software development before launch, with the assurance of quality through strict review before deployment.

Correction:

Accelerated app production process

After creating a perfect project structure and integrating the structure to a virtual environment, strict review before deployment is necessitated by the need to create a flawless network of inter-connected software components for the assurance of speed during software developmental lifecycle.

Error:

Successful Deployment

Observing every step along the way, ranging from Version Control and Scalability to Accelerated App Production Process, the aim is to develop and deploy the perfect software well developed to meet Clients requirements.

Correction:

Successful deployment

Observing every step along the way, ranging from version control and scalability to accelerated app production process, the aim is to develop and deploy perfect software to meet every client requirements.

AWS, Microsoft Azure, GCP

Software Developmental Lifecycle

At Devtegrate we follow every principle in the book; the focus is to get your work perfectly done. Our processes start with the planning and gathering of the necessary requirements to design and development, documentation, testing and then deployment and maintenance.

From project planning to gathering requirements & analysis, design, coding and implementation to testing and deployment right down to maintenance covers the scope of our service.

Software Deployment is an important part of Application Development to ensure functionality across various platforms and targeted devices either on a test server, production environment or a user computer or mobile device.

Website Development is an important part of Devtegrate service, using various web framework and database integration hosted on various cloud platforms and cloud servers to delivery efficient and professional service.

Our team is made up of professional software programmers, website developers, full stack developers, frontend and backend programmers, expert DevOps engineers, site reliability engineers and the list goes on.

Made up of multi-nationals, expert programmers and engineers ready to develop, deploy, and automate.