

Galaxy-VMware vCloud Partner Session

Galaxy along with VMware organised an insightful session on Application Modernization with VMware Cloud on AWS to help customers find out how they can rapidly migrate their applications to the cloud without downtime. And once in the cloud, start their modernization journey with minimal disruption to their business.

The session was attended and interactively participated by many IT professionals across different industries and verticals.

With VMware Cloud on AWS you can optimize your App Modernization approach and:



Build Cloud-Native Apps:

Integrate cloud-native principles and accelerate your development process.



Evolve Existing Apps:

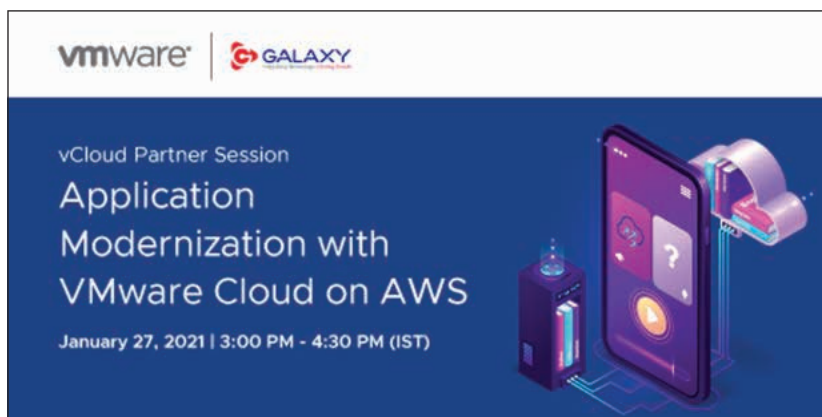
Introduce automation to improve the developer experience.



Run and Manage Kubernetes in Multiple Clouds:

Make the best use of Kubernetes across environments and deploy and operate with consistency.

To watch the recording of this event, you can drop an email at marketing@goapl.com



Don't let multi-cloud complexity delay your cloud journey! Galaxy can help your organization extend a consistent solution set across private and public clouds. Our strong OEM partnerships help you create a lasting multi-cloud strategy that unifies environments and reduces risk across your clouds.

To talk to our experts or for a free consultation, please write to us at marketing@goapl.com



Anoop Pai Dhungat
Chairman & MD

MD SPEAKS

Dear Readers,

Finally, there is some cheer for all the stakeholders in India. Not only has the spread of COVID-19 been contained and the vaccine being rolled out rapidly, the union budget for 2021 has all the tools to kick start the economy from the slump that occurred due to the various lockdowns and disruptions caused by the pandemic last year. We all hope that these reforms translate to growth and job creation that is the need of the hour.

To deal with the emergency situation of business continuity, in the extended lockdown periods, many businesses had to enable their employees to work from home. To do so, some of them had to move their critical applications to the cloud and permit their remote workers to use their personal devices. One of the biggest threats of doing so was exposing their applications and data to hackers and devices mimicking remote workers. At Galaxy, we provide secure digital workspaces which allow remote workers to use their personal devices like laptops, tablets and smart phones for work without sacrificing on enterprise security. We also provide solutions for cloud authentication, cloud firewalls and cloud security posture management to protect their assets on the cloud. Our detection and response security platform solutions (EDR & XDR) proactively defend their data and infrastructure from damage and misuse across networks, clouds and endpoints. Do reach out to us and our experts will guide you to the most efficient way of staying secure in these dangerous times.

Happy reading



Future Is Now

Gaming CEO: Brain Interfaces Will Allow Us to Edit Our Feelings

The CEO of legendary gaming company Valve, Gabe Newell, says his company is working on a brain-computer interface (BCI) headset that could make video games more immersive than ever.

In an interview with New Zealand 1 News — the CEO has been spending time on the island nation during the pandemic — Newell argued that “eyes were created by this low-cost bidder that didn’t care about failure rates and [return merchandise authorizations], and if it got broken there was no way to repair anything effectively, which totally makes sense from an evolutionary perspective, but is not at all reflective of consumer preferences.”

“So the visual experience, the visual fidelity we’ll be able to create — the real world will stop being the metric that we apply to the best possible visual fidelity,” Newell said. “The real world will seem flat, colorless, blurry compared to the experiences you’ll be able to create in people’s brains.”

Valve is collaborating with OpenBCI, a biosensor hardware company, on what Newell referred to as an “open source project so that everybody can have

high-resolution [brain signal] read technologies built into headsets.”

With such a headset, reality could get trippy.

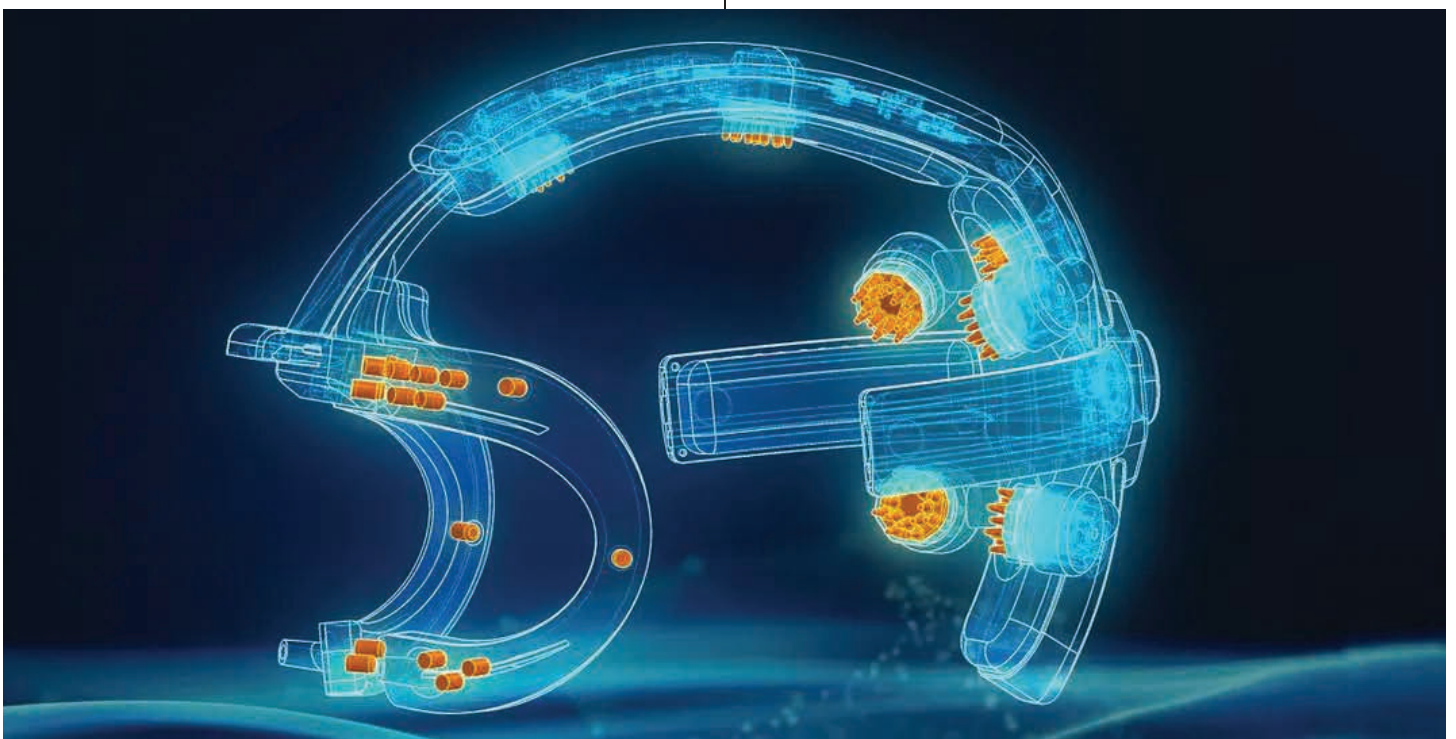
“Where it gets weird is when who you are becomes editable through a [brain computer interface],” Newell told NZ1. “Our ability to create experiences in people’s brains, that aren’t mediated through their meat peripherals, will be better than is possible.”

The technology could allow users to edit not only what they see, he said, but their feelings and emotions as well. For instance, Newell argued such a headset could lead to improved sleep. Further down the line, other unwanted feelings could be edited out or totally removed, a sci-fi age form of therapy.

In the end, Newell doesn’t believe BCIs will be flooding the market over night — not the least because of security concerns.

“Nobody wants to say, ‘Oh, remember Bob? Remember when Bob got hacked by the Russian malware? That sucked — is he still running naked through the forests?’ or whatever,” Newell told NZ1. “So yeah, people are going to have to have a lot of confidence that these are secure systems that don’t have long-term health risks.”

The emergence of a marketable device for the masses, however, is still many years out, even for Valve.



<https://bit.ly/3j1hBWD>



Technology Focus

Edge computing adoption to increase through 2026; organizations cautious about adding 5G to the mix.

With the potential for high-bandwidth, low-latency wireless data transmission, 5G is set to play a key role in connecting edge devices to the cloud.

To learn how cloud providers, telecommunications organizations, and carriers will make 5G part of their edge computing plans, TechRepublic Premium conducted a survey in January 2021.

The survey asked the following questions:

- Is your company currently using any of the following edge computing technologies?
- Does your company plan to use any of the following edge computing technologies in the next 12 months?
- For what business purposes/applications are you using or do you plan to use edge computing?
- How is your company currently using or planning to use 5G technology in the next 12 months?
- How will 5G affect your company's use of edge computing in the next five years?
- This report examines the results from the responses and places them into the larger context of how 5G affects edge computing.

Remote mobile devices and laptops (54%) topped the list of purposes and/or applications companies are using or plan to use for edge computing. Remote servers and networks followed closely behind, at 50%. Using software and systems locally deployed away from

headquarters (37%), remote asset monitoring (27%), content delivery networks (21%), virtualized mobile networks (12%), other IoT applications (8%), and autonomous vehicles (5%) were also mentioned as edge computing technologies being used by respondents.

Remote servers and networks and remote mobile devices and laptops tied for the top spot in edge computing technologies that respondents want to roll out in the next 12 months, at 42%. Respondents also want to use software and systems locally deployed away from headquarters, at 33%. However, 25% do not plan to use any edge computing technologies at all in the next 12 months.

Of respondents that are using edge computing, most want to provide a better customer experience (70%), and 46% of respondents use or plan to use edge computing to reduce their operational costs.

Even with the adoption of edge computing, 5G acceptance still lags in respondent organizations. More than half (57%) are not currently using and do not plan to use 5G technology.

However, 5G will affect some company's future use of edge computing. Just under one-third of respondents plan to begin adopting edge computing technologies and/or are already planning for it, and almost one-quarter will use additional edge computing technologies. Only 13% of respondents reported that 5G will not affect their use of edge computing.

To read all of the survey results, plus analysis, download the full research report here: [Edge computing adoption to increase through 2026; organizations cautious about adding 5G to the mix.](#)



<https://tek.io/39uNP9s>

What is DLP?

Data loss prevention (DLP) is an approach that seeks to improve information security and protect business information from data breaches. It prevents end-users from moving key information outside the network. DLP also refers to tools that enable a network administrator to monitor data accessed and shared by end users.

DLP solutions can be used to classify and prioritize data security. One can also use these solutions to ensure access policies meet regulatory compliance, including HIPAA, GDPR, and PCI-DSS. DLP solutions can also go beyond simple detection, providing alerts, enforcing encryption, and isolating data.

Some common features in DLP solutions include:

- **Monitoring** - tools provide visibility into data and system access.
- **Filtering** - tools can filter data streams to restrict suspicious or unidentified activity.
- **Reporting** - tools provide logging and reports helpful for incident response and auditing.
- **Analysis** - tools can identify vulnerabilities and suspicious behavior and provide forensic context to security teams.

DLP solutions can be helpful in a variety of use cases, including:

- **Security policy enforcement** - DLP tools can help you identify deviations from policy making it easier to correct misconfigurations.
- **Meeting compliance standards** - DLP tools can compare current configurations to compliance standards and provide proof of measures taken.
- **Increasing data visibility** - DLP tools can provide visibility across systems, helping you ensure that data is secure no matter where it's stored.

Trends Driving DLP Policy Adoption

- **Growth of the CISO role** - as organizations appoint Chief Information Security Officers (CISO), they become responsible for leaks, and use a DLP policy as a tool to gain visibility and report on organizational data.
- **Evolving compliance requirements** - new regulations are introduced all the time, for example GDPR in Europe, and the NYDFS Cybersecurity Regulations in New York State. DLP policies can help comply with these new regulations.
- **There are more places to protect your data** - businesses today use tools that are difficult to monitor, such as supply chain networks and cloud storage. This makes data protection more difficult. Knowing exactly which data crosses organizational boundaries is critical to preventing misuse.
- **Data exfiltration is a growing risk** - sensitive data is an attractive target for attackers. The number of attempted and successful breaches at organizations of all sizes is rapidly growing.
- **Insider threats** - data loss is increasingly caused by malicious insiders, compromised privileged accounts or accidental data sharing.
- **Stolen data is worth more** - the Dark Web allows adversaries to buy and sell stolen information. Data theft is a profitable business.
- **More data to steal** - the scope and definition of sensitive data has grown over time. Sensitive data now covers intangible assets, for example business methodologies and pricing models.
- **Security talent shortage** - many businesses are finding it difficult to fill security-related roles. In recent surveys by ESG and ISSA, 43% of organizations surveyed were affected by the talent shortage. This makes automated tools like DLP more attractive.

Don't let your organization be vulnerable! Galaxy offers various cybersecurity solutions to keep your company safe, to talk to our experts email us at marketing@goapl.com



Microsoft, Amazon, and Google Account for Over Half of Today's 600 Hyperscale Data Centers

New data from Synergy Research Group shows that the total number of large data centers operated by hyperscale providers increased to 597 at the end of 2020, having more than doubled since the end of 2015. In terms of location, the US continues to account for almost 40% of the major cloud and internet data center sites. The next most popular locations are China, Japan, Germany, the UK and Australia, which collectively account for another 29% of the total. Over the last four quarters new data centers were opened in 17 different countries, with the US, South Korea, China, Canada, UAE, Indonesia, Italy and South Africa having the largest number of additions. Among the hyperscale operators, Amazon, Microsoft and Google collectively account for over half of all major data centers.

Amazon and Google opened the newest data centers in the last twelve months, accounting for half of the 2020 additions, with Oracle, Microsoft, Alibaba and Facebook also being particularly active. Synergy research indicates that over 70% of all hyperscale data centers are located in facilities that are leased from data center operators or are owned by partners of the hyperscale operators.

The research is based on an analysis of the data center footprint of 20 of the world's major cloud and internet

service firms, including the largest operators in SaaS, IaaS, PaaS, search, social networking, e-commerce and gaming. The companies with the broadest data center footprint are the leading cloud providers – Amazon, Microsoft, Google and IBM. Each has 60 or more data center locations with at least three in each of the four regions – North America, APAC, EMEA and Latin America. Oracle and Alibaba also have a notably broad data center presence. The remaining firms tend to have their data centers focused primarily in either the US (Apple, Facebook, Twitter, eBay) or China (Tencent, Baidu, JD.com).

"There were 111 new hyperscale data centers opened in the last eight quarters, with 52 of those coming onstream in 2020 despite COVID-19 causing a few logistical issues," said John Dinsdale, a Chief Analyst at Synergy Research Group. "That is testament to the ongoing robust growth in the digital services that are driving those investments – particularly cloud computing, SaaS, e-commerce, gaming and video services. We did actually see a handful of older hyperscale data centers shut down in 2020, but those numbers pale besides the number of newly opened or planned sites. In addition to almost 600 operational data centers, we have visibility of a further 219 that are at various stages of planning or building, which is good news indeed for data center hardware vendors and wholesale data center operators."



44% Indians struggling with 'information overload' amid pandemic.

About 44 per cent of Indians feel that "information overload" has intensified during the pandemic and escalated their daily stress, a new survey revealed on Thursday.

According to the survey by Canada-based information management solutions company OpenText, the data suggested that this "information overload" is significantly impacting both personal and professional lives.

"Users have proven willing to adopt new services and tools, but also face challenges in managing multiple accounts and sources of information," Lou Blatt, SVP and CMO, OpenText, said in a statement.

"Companies need to recognise this trend and find ways to reduce complexity, simplify workflows and processes and create compelling customer and employee experiences," Blatt added.

Faced with the prospect of working from home long term, more than one in five (21 per cent) respondents admit remaining motivated would be their biggest challenge, 39 per cent say accessing work email would be the main problem while 37 per cent said accessing corporate file systems and work content would be the biggest issue.

The pandemic also brought in a slew of new challenges including work from home, yet almost one-third (30 per

cent) of respondents with an office job believe they still aren't equipped with the right digital tools for remote work.

More than two in five (44 per cent) respondents believe that a more streamlined information database would be helpful to deal with the varied information sources such as emails, diaries, news feeds, company websites, calendars, etc, while making a work or home-life related decision.

Additionally, a similar number (43 per cent) felt the need to remember multiple passwords to access each app has added to their anxieties.

"The research data reveals that a significant proportion of the working population struggles with accessing work emails and corporate file systems, thereby hampering their productivity," said Isaac Rajkumar, Managing Director, India and Vice President, Engineering.

With data stored in so many places, it is important to have a single information and content repository for managing all workflows smoothly and efficiently," Rajkumar added.

The survey was conducted through 3GEM and Google and involved 24,000 consumers who were anonymously surveyed globally, across India, Japan, Brazil, Italy, UK, France, Germany, Spain, Canada, Australia and Singapore.

However, a total of 6,000 Indian adults were part of this research.



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