Raconteur

October 2024 #0923 raconteur.net



The future of Al requires open hybrid cloud flexibility.

Keep your options open



The C-suite Agenda

THE TIMES

Contributors

Sam Birchall Staff writer at Raconteu focusing on the inne workings of the finance unction and the trend shaping the future of inancial leadership

Tamlin Magee

Senior technology writer at Raconteur. He's interested in big ideas shaping siness tech and the impact of new technologies on people and society

Raconteur

pecial projects edit lan Deering

Gerrard Cowan Commercial

Commercial ontent executiv

Alex Datcu



Although this publication is funded through advertising and sponsorship, all editorial is without bias and sponsored features are clearly labelled. For an upcoming schedule, partnership inquiries or feedback, please call +44 (0)20 3877 3800 or email info@raconteur.net

Raconteur is a leading business media organisation and the 2022 PPA Business Media Brand of the Year. Our articles cover a wide range of topics, including technology, leadership, sustainability workplace, marketing, supply chain and finance. Raconteur special reports are published exclusively in The Times and The Sunday imes as well as online at raconteur.net, where you can also find our wider journalism and sign up for our newsletters. The information contained in this publication has been obtained from sources the Proprietors believe to be correct. However, no legal liability can be accepted for any errors. No part of this publication may be reproduced without the prior consent of the

💥 @raconteur in raconteur-media 🔽 @raconteur.stories

Employment rights bill: what's next for HR?

Much of the employment rights bill won't come into effect until 2026. But HR teams must ready themselves for a long transition period and start preparing for the changes now

Sam Forsdick

arlier this month the **L**abour government unveiled its eagerly anticipated employment rights bill. The 158-page document outlines 28 workers' rights reforms, including a day-one right to protection from unfair dismissal, further restrictions on zero-hours contracts and new protections for working mothers.

The government also released a companion publication titled *Next* Steps to Make Work Pay, which details the next phase of its strategy to reform the relationship between employers and employees. It proposes introducing a right to 'switch off', legislating mandatory ethnicity and disability pay gap reporting and moving further towards the single-worker status, subject to consultation

So what do HR leaders make of the bill – and how will the changes impact the function's workload? Although the reform package was

not as comprehensive as many expected, Amanda Rajkumar, formerly the HR chief at Adidas, is "encouraged" by the bill's contents and hopes the legislation will raise "fairer, more equitable, working practices" in the UK. But not all HR teams are optimis-

tic about the bill. Brightmine, an higher costs," explains Gareth Bur-HR tech provider, polled its clients rows, founder of Breathe HR, an HR following the bill's release. The results reveal that HR professionals are worried the changes will create line managers, particularly at small businesses

Zuraida Curtis, Brightmine's senior employment law and compliance editor, says: "While some see the bill as a move in the right direction, others think it is too heavy and will bring more costs to businesses, which are already under pressure."

She says there will be "quite a bit" for HR to do to prepare. Teams must review all policies, procedures and contracts to ensure they are still fit for purpose and adaptable to any future changes. "HR will be down in the weeds until consultation starts and more details become clear," Curtis adds.

The introduction of a day-one from the first right to claim unfair dismissal is day of their one of the bill's most controversial reforms. Under the current rules, employees must have at least two vears of continuous service at an organisation before they're allowed 2010



to claim unfair dismissal. The employment rights bill removes this qualifying period.

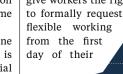
This means that any decision to dismiss a new hire must be able to employment standards and create stand up to scrutiny in an employment tribunal. "Therefore, decisions to hire new staff will come with more risk and, potentially, solutions provider.

Employers warned in advance of the bill's publication that this well as for legal departments and take fewer risks and increase the use of temporary contracts.

As a compromise, the government suggested a nine-month statutory probationary period, which would give employers additional time to

need to review their hiring processes to ensure they provide the "right level of selection and assessment".

Business leaders are also con cerned about the bill's potential impact on workplace arrange ments. The new legislation will give workers the right



employment, abolishing the current qualifying period of 26 weeks' continuous service.

However, employers will retain the right to refuse flexible-working requests if they believe such arrangements are not practical.

Jo Mackie, partner and director of employment at Burlingtons Legal the increased complexity on day one. LLP, explains that employers can To be successful, they must be able deny flexible-working requests for to pivot quickly in an environment eight different reasons. "There is very little change here," she says. "Businesses have always been able additional work for their teams, as change could lead hiring teams to to refuse these requests, for exam- 2026, it's advisable for HR teams to ple, if it doesn't work for their hours or they can't afford it."

places an unreasonable burden on be all OK."

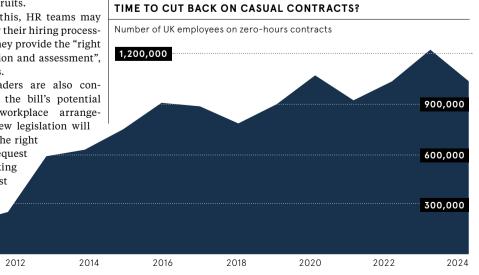
employers, as it's now up to them to prove a flexible-working request s unreasonable. "Requests to work differently will create timeconsuming work for HR teams that are already stretched." he says, adding that accommodating such requests will be particularly challenging for service-industry teams and employers of manual labourers. Although HR leaders will be esponsible for adapting to the reforms, many are still seeking clarity on how the new legislation will be implemented. So says Lisa Townsend, chief people officer at Mony Group, the parent company of MonevSuperMarket.

According to Mackie, the governnent has set out a "skeleton of what t wants", but kev details are still missing. "There is a lot of detail on trade unions and there's a good bit of detail on zero-hours contracts, but there's not a lot of detail on anything else," she says

Moreover, she says some elements of the bill, such as the ban on fire and rehire, have been watered down and will continue to be watered down in consultations.

Employers should expect a lengthy transition period. But Alistair Logan. advisory director at Davforce, an HR software provider warns that. "HR teams must be ready for of changing legislation."

Although the majority of the reforms won't come into effect until prepare for the changes now. Rajkumar says: "If firms start working But Burrows believes the change on these implications now, it should



raconteur.net suite-agenda-october-2024

Design and illustratio Kellie Jerrard

Sabrina Severino

Samuele Motta

Design director

Tim Whitlock

Sam Forsdick

Senior writer at Raconteur leading its coverage of HR

offering insights and advice

He analyses the trends

shaping the functior

for people professio

Laura Bithell Larnie Hu

Jessica Lynn

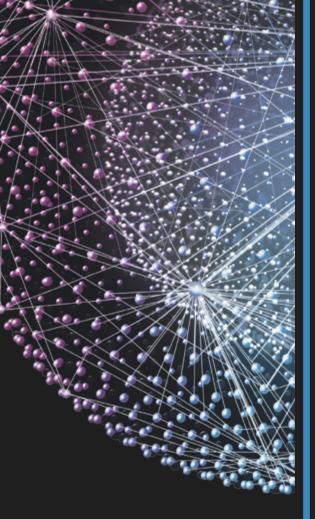
Ellen Newsom



assess new recruits. But despite this, HR teams may

Rajkumar says.

How the STEM world works



Find out what impact Al can have on your business growth

Scan me to access the report











REMUNERATION

New tool shines a light on executive pay practices

The Fair Reward Framework gives investors greater insight into how some of the country's largest companies pay their leaders and the fairness of a firm's remuneration process

Sam Birchall

created that makes it easier for investors and stakeholders to scru- Partnership. "It is a one-stop shop typically receive in the US. tinise the pay practices of some of that provides data points on interthe UK's biggest companies.

The Fair Reward Framework (FRF) was launched in September to help investors assess the pay policies and practices of the UK's largest data from the 2022 and 2023 finan- an worker, according to analysis by public companies. The tool has been developed by a group of asset owners, including the Church of England Pensions Board, Brunel for the entire FTSE 100 will be pub-Pension Partnership, People's Partnership and Scottish Widows, in collaboration with think-tank the High Pay Centre

Using publicly available data, the framework details pay outcomes across different companies, including executive salary levels, CEO-toworker pay ratios and the gender pay gap. It also reveals how businesses divide the wealth they accumulate, for example through their living-wage and tax-reporting credentials, as well as the extent of their engagement with trade ed, as well as distributing value unions and worker representation at board level.

"While the dashboard doesn't allocate scores to companies on pay for CEOs in the UK. Both the

fter years of debate on understanding of gaps in perfor- ment bank Schroders recently excessive executive sala- mance relative to peers," says argued that bosses should be bette ries, a new tool has been Vaishnavi Ravishankar, head of rewarded to compete with the high stewardship at Brunel Pension er compensation that executives related issues that often get assessed in isolation."

> The tool currently covers two- while, median FTSE 100 CEO pay thirds of the FTSE 100, based on stood at 109 times that of the medi cial years, with further company assessments to be added over the coming months. A pay assessment lished by early 2025.

The tool was developed in esponse to ongoing issues surrounding remuneration for executives and the fairness of the processes behind their pay packets. "Conversations about pay in the

investment community and outside are highly polarised." Ravis hankar says. "We wanted to create a tool that will enable investors to have thoughtful conversations with companies about corporate reward practices and how they are generatacross shareholders, employee and society.'

This comes amid calls for higher

In 2022, FTSE 100 CEOs earned ar average of $\pounds 4.3m$ and this figure increased to £5m last year. Mean the High Pay Centre

UK bosses are still paid signifi cantly below global benchmarks, however, and their pay packages pale in comparison to CEOs at major US companies. Indeed, CEO pay at S&P 500 companies increased b more than \$4m (£3m) to an average of \$17.7m (£13m) in 2023.

Despite the increasing UK pay packages, there is now strong evi lence that shows executive pay is

We wanted to create a tool that will enable investors to have thoughtful conversations about their performance, it will enable an London Stock Exchange and invest- Corporate reward practices

not linked to performance. Even the deliver for shareholders in recent cation for their substantial salaries.

For example, Abrdn's share price cess of their employer. decreased by 23% in the year to May 2024, despite the fact that its former FTSE 250 finance chief. Similarly, the CEO of Schroders received an average pay of £6.2m and yet the company has continued to underperform on the stock market.

This is causing concern for investors. Earlier this year, in a letter sent greater emphasis on financial practo FTSE 350 companies' remunera- tices that promote fairer societies tion committee chairs, the Invest- and economies ment Association (IA) emphasised between pay and performance, one of the goals of the FRF.

their role as a key indicator of governance. Going forward, however, Ravishankar says the data from the framework will be used to amplify | Related Financial Disclosures. investor engagement on this issue.

Finance chiefs have a critical role in framing the financial impacts of more explicit about the connections between CEO reward, governance ties and consumers. quality and employment conditions in their corporate engagement.

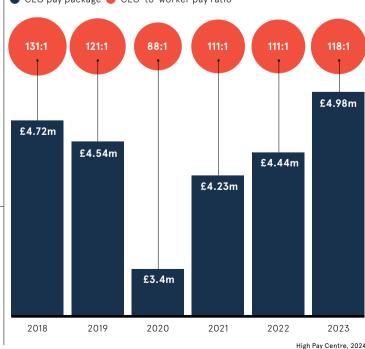
The tool will also be an additional source for voting decisions, Ravishankar says. "We would like to see engagements and voting decisions on executive pay to be anchored to employee pay, working conditions ple and communities. and other factors that demonstrate alignment with employees and by the taskforce provides a "great stakeholder expectations, not just starting point" for businesses to to peer rankings."

Remuneration is key to retaining efits of social-related initiatives. and motivating critical senior executive talent. But as it continues to be scrutinised by major investors compensation plans.

HOW EXCESSIVE IS EXECUTIVE PAY?

Average pay package for UK CEOs, plus CEO-to-worker pay ratio for average fulltime UK employees

● CEO pay package ● CEO-to-worker pay ratio



The framework also includes an highest paid bosses have failed to indicator on employee share owner ship, which could encourage greatyears, which challenges the justifi- er reporting on initiatives that allow workers to share in the suc-Ravishankar hopes more investors

will use the FRF data to engage with CFO – now chief executive – was the companies they invest in and paid double that of the average give credit to those that are moving towards fairer reward practices. Social epidemiologists have

> argued that larger income gaps are detrimental to society, something the financial industry appears to have recognised. There is now a

A new task force was launched on the need for clearer alignment 27 September to develop a framework for companies to identify and assess social-related impacts. The Corporate pay policies have always Taskforce on Inequality and been assessed by investors, given Social-Related Financial Disclosures (TISFD) aims to address social inequality and will operate in a similar way to the Task Force on Climate

Proponents claim that companies that integrate social factors and inequalities into their decision-making any compensation plans, so must | are better equipped to attract and ensure they are prepared. Ravis- retain workers, increase innovation hankar says CFOs will have to be and productivity and maintain strong relationships with communi

> "This reference to inequality is really important," says Regina Lau, CFO at Weavr, a fintech. "Social ine quality is an area that has been tra ditionally overlooked by businesses thanks to a lack of metrics for assessing risk and impacts on peo

For Lau, the framework proposed begin calculating the potential ben

Alongside the Fair Rewards Frame work, it is yet another sign that the investment community is looking at and stakeholders, businesses may social-related issues more closely, have to re-examine their existing adds Lau. Businesses and their finance chiefs should take note. ●

evolved. Niki argues that "managers

Jorge Aisa Dreyfus, executive culture at finance, HR and payroll software firm Sage, views the multigenerational workforce as an opportunity to tackle talent challenges. He cites the force," she says example of a 57 year-old apprentice at time in tech. However, Aisa Dreyfus also human being" and providing feedback, guidance and a sense of purpose, which transcend generational boundaries.

The challenges of managing a multigenerational workforce are not to be underestimated. According to research from the London School of

demographics, decreasing birth rates, Resignation, digital transformation, geopolitical uncertainty, large-scale migration, and other continually evolving socioeconomic factors. Consequently, for the first time in history, workers now span five generations - bookended by generation Z at the bottom end and the silent generation, born between 1928 and 1945, at the other - each with unique needs and expectations. Accommodating everyone is a complex challenge, but one worth solving to improve performance today and tomorrow. Moreover, against a backdrop of talent scarcity, businesses must get this right.

pany Adecco's Global Workforce of the Future research explores the main reasons employees will either stay with or leave their employer, with generational differences evident in their findings. Niki Turner-Harding, Adecco's senior vice-president and UK country head. emphasises how much the workplace has changed since we exited the pan-

needed to address the individual and diverse needs of each generation"

Commercial feature

Shaping the future of work for people, purpose and performance

In an era of rapid digital transformation and shifting employee priorities, businesses must adapt to the needs of a diverse, multigenerational workforce

Talent advisory and solutions com

vice-president of talent, capability and Sage embarking on his third career, this stresses the importance of being "a nice

e modern workforce has I lower workplace productivity in the been transformed by the United Kingdom and the United States. intersection of shifting Workers with managers over 12 years their senior are nearly 1.5 times as the Covid-19 pandemic, the Great likely to report low productivity. The study also found that older employees often struggle with younger managers. These findings highlight the need for effective communication and understanding across generations.

Turner-Harding says Adecco has pro vided managers with toolkits and brought in subject matter experts to facilitate workshops. She says the mos crucial aspect is fostering mentorship and reverse mentorship to encourage conversations and build confidence i approaching these discussions. "I some cases, they're not easy conversa tions," she says. "They talk freely to their own generation or the generatior directly next door, but not wider

Creating a sense of belonging

People business partnering director a Tesco, Anna Wisniowski, notes that 36% of Tesco's UK workforce is comprised o gen X - after baby boomers and before millennials – surpassing the proportion of gen Z (23%). She says there is a grow ing importance placed on flexibility fo demic. Yet while the workforce has all generations, with gen X colleagues seeking part-time arrangements and have not been equipped with the skills gen Z prioritising work-life balance and hybrid working. Tesco has responded by offering digital upskilling for its core workforce and reskilling opportunitie across different departments "For that gen X cohort, we could be doing s much more as a country to help with their skills and future within the work

> Anna Purchas, vice-chair and Londo office senior partner at KPMG UK, inderscores the value of experience i navigating uncharted waters. With an average age of 27 at KPMG, many employees have never weathered ar economic downturn. Little wonde Adecco data finds 62% of large employ ers are trying to persuade older peopl back to work.

Purchas advocates for cross-genera Economics, published in January, tional knowledge sharing and nurturing generational tensions are linked to a sense of belonging in the modern



vorkplace. "Yet in a hybrid world, that is hard because you're not always all sitting around a table together." Purchas asks: "How do you best focus on creating inclusion across your organisation so that people of different generations feel they belong, and everybody is confident to share their views?"

Theresa Palmer, global head of diversity, equity and inclusion at BAE Systems Digital Intelligence, argues that the answer lies in how a company engages with a new recruit. A question she typically uses is: "Tell me how you work best". She adds: "We always listen to our people. We use our employee resource groups to discover intersectionality."

Flexibility has emerged as a vital consideration for employees across the generational spectrum. Palmer points out that the definition of flexibility varies among companies and roles. Further, flexibility is about where work is performed and how companies interact with their employees. "Communication styles are completely different across the generations," she says. "Very few organisations have got it right. It's still a building warships are minimal because work in progress for many, even down to the employee benefits offered."

How do you best focus on creating inclusion across your organisation so that people of different generations feel they belong

developed a two-way communication platform that enables colleagues to engage with the business and each othe n real-time, using video posts and localevel interactions. The internal channe boasts an impressive Net Promoter Score (NPS) of 31, higher than that of nstagram and Facebook, and has been a transformation for Tesco. With over 200,000 colleagues using the platform, t has become a crucial engagement tool across the organisation

What workers want

Mark Wilson, group people director of talent acquisition at Babcock, highlights flexibility limitations in industries such as manufacturing and logistics. where work must be performed on-site and in coordination with others. He also raises concerns about the impact of the UK's housing crisis on workforce mobility and the feasibility of remote work for new entrants.

"The opportunities for flexible workng for the 3,500 people that we have vou can't take that work home," Wilson says. "Yet knowledge workers within the projects definitely have the oppor tunities for flexibility because the work can be digitally shared." He adds: "The real opportunity sits from an interna nobility piece."

Palmer agrees, voicing fears that this ituation could unwittingly create a two tier workforce. "I work with digital intel ligence, where we have a lot of software engineers and data analysts, but the vider organisation traditionally has a lot of electrical and mechanical engineers, so we have very different workforce populations to cater for," she says. "That's why workforce mobility has to

Wisniowski points out that Tesco has | be more available. There have to be other paths made available; otherwise job satisfaction will be low."

Purpose powe

Purpose is one of Adecco's five megatrends, and its research shows that iob satisfaction is increasingly impor tant, as 20% of employees are looking to change jobs in the next 12 months because they don't find their work meaningful. In an era of heightened visibility and polarised views, leaders must be authentic, value-driven, and comfortable with change, savs Purchas.

The onus is on those at the top to create "a sense of belonging and ensure that everyone feels like a true colleague". She underlines the importance of believing in the organisation's purpose, giving colleagues time to explore its meaning, and for leaders to be willing o apologise when mistakes are made.

The road ahead may be challenging, but by embracing the imperatives of flexibility, skills, purpose and authentic leadership, organisations can unlock the full potential of their multigenerational workforce and thrive in the face of uncertainty.



Read more abou the trends impacting the UK Labour Market ir Adecco's Labou Market Outlool

research by scanning the code o visiting www.adecco.co.uk/ -market-outlook



DON'T DISMISS THE DISCOUNTS

Consumers are still reeling from the cost-of-living crisis that helped to define everyday life over the past few years. The use of discounts and other promotions therefore has become a common strategy to entice cash-conscious shoppers. Although many consumers agree that some experiences justify premium prices, the battle for business is increasingly being decided by the depth of the discount.

SHOPPERS ARE INCREASINGLY ATTENTIVE TO VALUE FOR MONEY

Share of consumers ranking the following as top shopping strategies to save money



Stop buying certain products to focus on essentials

32%

Stock up of buy in bulk when things go on sale

28%	
-----	--

Shop online to get better deals or save

27%

Collect/use loyalty points to manage spend

26%

Use digital technologies to find better deals

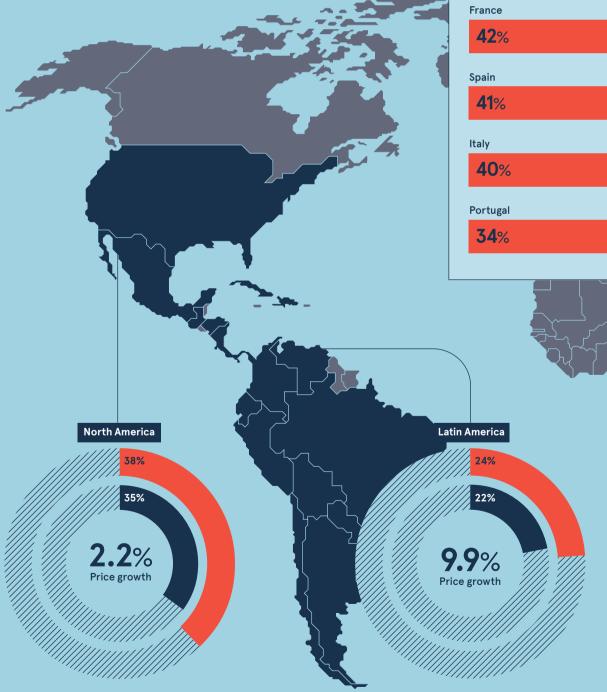
24%

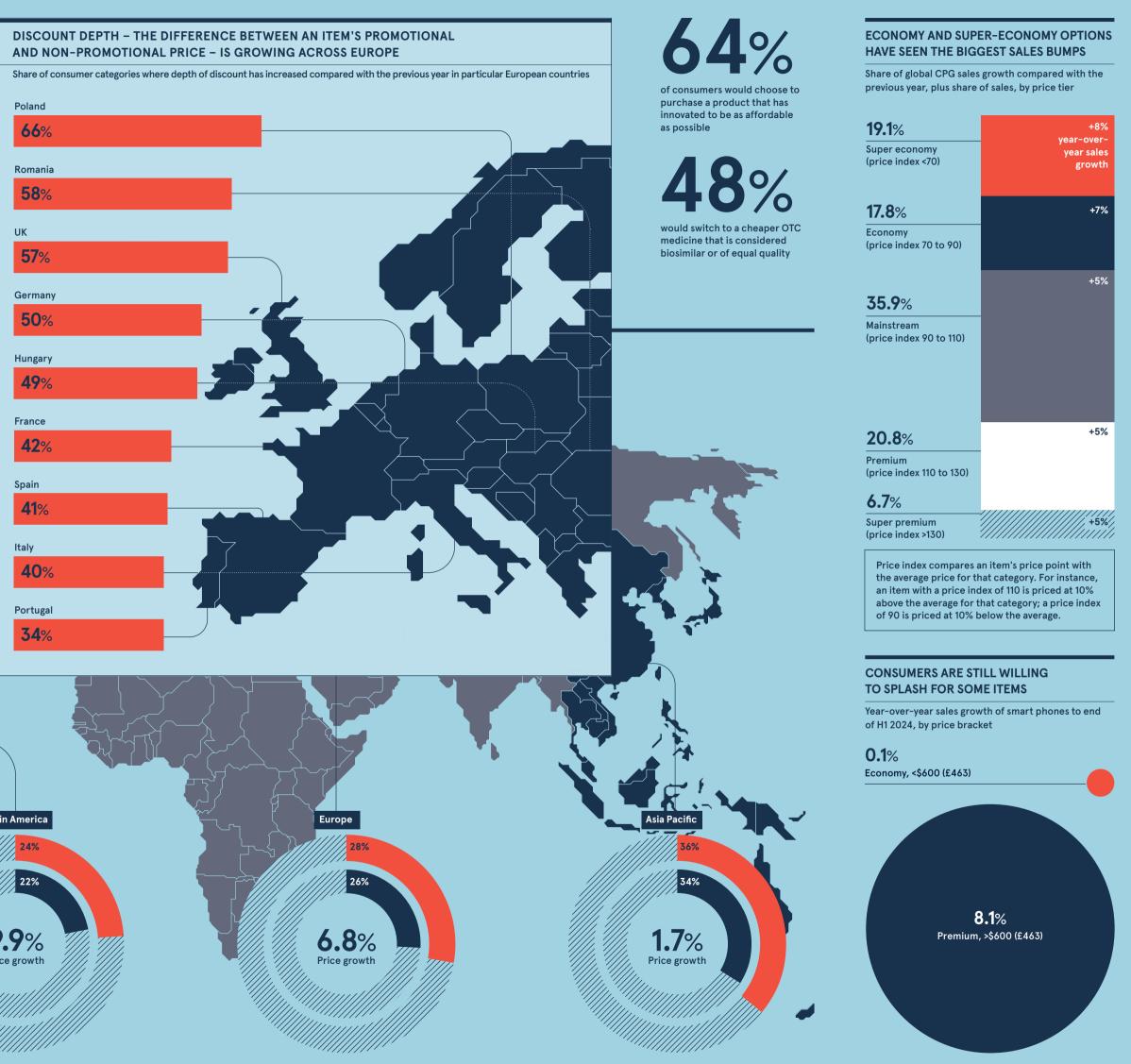
Substitute/trade out for lower-priced alternative

23%

CONSUMER PACKAGED GOODS ACCOUNT FOR A SIGNIFICANT SHARE OF PROMOTIONAL SALES WORLDWIDE

CPG share of promotional sales by region, plus price growth in those regions ● Current year ● Previous year





Nielsen IQ, 2024



SUSTAINABILITY

CTOs get to grips with new software sustainability spec

A new tool enables users to estimate the carbon emissions of software. The developers behind the Software Carbon Intensity specification envision software energy ratings and sustainability KPIs

Tamlin Mageeme

arc Andreessen, the ven-2011 that "software is eating the world". He didn't mean it literally, of course, but one thing is zling infrastructure, including an clear – the potential impact of soft- ever-expanding data-centre estate ware on the global climate is now Since this infrastructure is mostly too big to ignore.

modern technology is tremendous. the spotlight. And, the switch to digital working over the pandemic increased the US have sent their equipment and burden, which will further grow devices away to a government labor

With regulators and politician ture capitalist, warned in under pressure to reduce carbon emissions, tech companies fac newfound scrutiny for energy-guz used to power software, it's not just The amount of energy used by hardware that needs to be under

Since 1992, manufacturers in the

efficiency. If they meet the criteria, those manufacturers can apply an Energy Star label on their product to prove its green credentials. The EU has a similar scheme, with products rated on a scale from A to G. The energy consumption of soft-

calculate than it is for physical software to a lab, because no such GenAI prompt lab exists. They could self-certify. but consumers would have no trusted, verifiable way of ensuring the data is accurate.

Perhaps if we could more easily determine the carbon emissions created by each software compocould be reduced.

This is according to the Green Software Foundation, a non-profit under the Linux Foundation, which aims to create a trusted ecosystem for building environmentally friendly software. The foundation has developed a Software Carbon Intensity (SCI) specification to defining the carbon emissions generated by software. It's a methodol-

It's easy to tell people to use fewer servers but how much is that with the adoption of generative AI. ratory to be measured for energy going to save? We didn't know

ogy that lets software practitioners calculate the emissions of a particular system design or development. The way to think of it is "carbon per something", says Asim Hussain, executive director at Green Software Foundation.

For example, the SCI could be used to determine how much car bon emissions will be produced by visits to a website or a certain pro cess on a server. Ultimately, the idea is the SCI will help users and developers make more environ mentally friendly decisions about the tools and services they use.

"There hasn't really been a KPI for sustainability in software," Hussain says. With approval from the International Organization for Standardization (ISO). CTOs can be confident in using the SCI specification to calculate the emissions of the software they use, he adds. 'They know, if other organisations are using this mechanism, they're not going against the grain - they're choosing a standard."

This information can help to reduce or avoid creating emissions through software. The SCI has already been adopted by academics and technologists. Major technology companies, including Microsoft, NTT Data, Accenture and Intel, have all signed up to the Green Software Foundation.

If the SCI specification defines how to calculate carbon emissions an accompanying tool – Impact Framework – turns this data into insights. Impact Framework is a calculator that allows users to input observations, such as comput er-processor utilisation, visits to a website, or the number of installa tions of a piece of software, then receive an estimate for the carbon generated by each action.

The tool is agnostic to environ ment and device. This means that ware, however, is much trickier to as the specification evolves, it could eventually be used to measdevices such as kettles or micro- ure more complex systems - for waves. Businesses can't send their example, carbon emissions per

With custom plug-ins, users can calculate morbid but sobering stats about how many deaths the carbon emissions of their software will cause. Some developers are experi menting with using the Impact Framework to calculate the emisnent, acceptable emissions stand- sions of physical supply chains, such ards could be set and the as the carbon emissions created environmental impact of software when delivering a parcel from A to B with multiple stops along the way. But it's still early days. The SCI

was certified by the ISO only last year. Although some academics and developers are already using the specification, the Green Software Foundation hopes more companies adopt its framework

Metrology obsessive, Hussain finds inspiration in historical precedents. In the 18th century, for instance, French merchants and the peasantry were frequently defrauded by traders, who used their own opaque, competing measurement systems. The lack of a single system of measurements was listed in the Cahiers de doléances, the "ledger of complaints" that King Louis XVI ordered compiled shortly before he lost his head. "Throughout the whole kingdom

there should be but one code of laws, one system of weights and measures," they demanded.

lutionary France to adopt the urements drawn from immutable facts of nature - for example, the ference of the earth - to enforce equality in measurements and ensure fairer trading.

used to dilute and distribute power, such as in revolutionary France. many emissions it would reduce.

ture that can figure out the most unbelievable solutions to problems. If we show them how to measure sustainability, they will figure it out. I'm a firm believer that if we the rest will follow."

sions of software did already exist. the Impact Framework is that by using publicly available data, pany that made it. For instance, during a recent hackathon in Cali-Zoom video call.

— Low case — Base case — High case 1,200 1.000 200 2019

Hussain says such episodes speak to how measurement systems have

measure properly, so people weren't

to save? We didn't know." "But engineers are brilliant," he

Tools to measure the carbon emis-A key difference with the SCI and vou'd calculate it." software, regardless of the com-

This demand eventually led revo- They know, if others metric system, which used meas- are using it, they're not going against metre is a percentage of the circum- | the grain – they're choosing a standard

been used to hold power over the dollar organisation how to measure masses – but also how they can be its emissions," says Hussain.

The SCI will enable organisations to be more transparent by helping Today, software developers are them to prove their sustainability grappling with how to measure sus- credentials, Hussain adds. By tainability. "We didn't know how to adopting a common framework. companies will also be able to more measuring," Hussain says, "People easily explain how they achieved kept talking about ways to reduce their scores if, for example, they're emissions but couldn't prove how accused of greenwashing.

"I've been inside organisations It's easy to tell people to use fewer that want to disclose their emisservers, but how much is that going sions but they're fearful they'll be criticised for calculating it in the wrong way." Hussain says. A better adds. "They're building infrastruc- model, he suggests, might be an ongoing, open, public dialogue, instead of the annual ESG reports that are the norm.

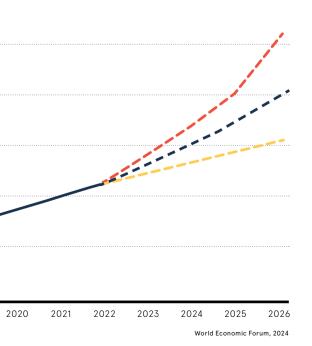
He continues: "If someone in the open-source ecosystem calculates solve the measurement problem, an organisation's sustainability score, don't view it as a threat," he says. "If they make a mistake, help them out and show them the way

A few decades ago, open-source software was itself on the fringes of anyone can theoretically audit the tech industry until some of the carbon footprint of any piece of largest corporations - and former opponents – reversed their position.

Like open source's decades-long trajectory into the mainstream, fornia, a group of teenagers calcu- Hussain says, transparency in suslated the carbon emissions of a tainability is going to be a challenging journey. But he adds: "I fully "A bunch of 16-year-old kids believe the future will be complete demonstrated to a multibillion- transparency of these numbers."

AS TECH ADOPTION GROWS, SO DOES ENERGY CONSUMPTION

Global electricity demand from data centres, AI and cryptocurrencies 2019-2026



Is your network ready for global connectivity challenges?

After the Red Sea communications cables were cut earlier this year, many organisations came to realise how vital their connectivity infrastructure actually is

1866, a global telecommun cations revolution took place when the first permanen transatlantic cable became a success Communication times from Ireland to Newfoundland cut message delivery times from two weeks to two minutes Now, a century and a half removed from telegraphs, the world still relies on submarine cables for its communications.

Europe and Asia are connected by multiple submarine cables. However, only the three most recent - SMW5, AAE1, and PEACE - are running on the latest DWDM technology, meaning the major ity of data traffic travels through them These cables carry the majority of data traffic between these regions, all routing through Egypt. But, in times of geopolitical upheaval, conflict and uncertainty, a reliance on a limited number of cables becomes a critical weakness. Conflict in the Middle East coincided with attacks on these vital cables in March 2024. All suspected actors denied culpability, but the fact remains that communications have been disrupted.

International network services provider Retn estimates that disruption levels reached 70%, a figure revealed in its 2024 report Building the Networks of Tomorrow, Tony O'Sullivan, Retn's CEO. says that despite the seeming reliability of the cables, a reliance on only similar routes of communications is flawed. "The majority of internet traffic between Europe and Asia is carried on subsea cables. This is mainly due to the fact that they are cheaper and easier to construct," he says. Terrestrial cables require a geopolitically complex negotiation with all the countries along the intended route. Subsea cables are primarily laid in international waters, with only limited infrastructure on sovereign



of connectivity infrastructure can paralyse business operations, making it a critical issue for the C-suite



and. So the Red Sea cable made sense. But it limited redundancies and resil ence in the process.

Beyond this singular incident, existing nfrastructure is at risk of cable cuts. primarily caused by shipping-related accidents such as anchor and fishing equipment. A reliance on a singular pathway is no longer viable. This is more than just an IT issue - it can become a boardroom-level crisis, impacting business continuity at the highest level. nternet connection is, for most com panies, an undeniable lifeline.

Retn emphasises the need for mult ple routes, some low latency, to safeguard against geopolitical disruptions and ensure uninterrupted service. O'Sullivan says that to do this, CTOs need to understand the questions they should be asking of their infrastructure providers. A focus on resilence is key. One question he suggests posing is, "Where most paths are subsea do they have redundancy via terrestrial routes, which at least if damaged is typically fixed in a matte of hours rather than months?"

The consequences of network failure in today's interconnected world, extend far beyond IT operations, jeopardising revenue streams and potentially costing nillions. O'Sullivan savs, "Redundancy is key. If your network demands are large enough and/or connectivity is critical for your organization, look at a multi-vendor approach. With many busi ness leaders entering into multi-year contracts for cost-efficiency you need to be sure that their commitment is rock olid, enforceable or that you have a way to seek a more competent network."

Retn connects businesses across Europe and Asia with 135,000km of low-latency routes and ensures redun dant paths across the route. This proides assurances to its customers that heir connectivity will still be reliable o matter the circumstances.

O'Sullivan says: "The impact of the led Sea fiber cuts and other subsea issues is typically measured in weeks and months. Yes, your data might still transit from Europe to Asia, but recent examples we saw from customers during this vear's events saw their traffic with other operators going from South East Asia to the US and then to Europe. If your business activities require uninterrupted network perfornance, the fact that your data finally reaches its destination after a round ne-world trip is of little consolation '

As connectivity infrastructure under ins nearly every aspect of modern business, its disruption can paralyse ntire operations, making it a critical issue for the C-suite. O'Sullivan adds: "We are seeing more and more requests, clearly trying to identify weak pots in the network design prior to order. It's only a matter of time before his filters down to every other busi ess leader."

To safeguard the future of global usiness, CTOs and COOs must priortise resilient, multi-lavered connectiv ty solutions. In today's interconnected world, a single point of failure is simply ot an option

For more information please visit retn.net



INTERVIEW

'You have to park your ego and keep a clear head'

Eliran Glazer, finance chief at Monday.com, reflects on the lessons he's learnt since its IPO and explains how he handles the pressures of the job

Sam Birchall

June 2021, Monday.com take into consideration.' has become one of the most successful Israeli companies on Wall Street. With a market value of \$13bn, the management-software company counts BMW, Uber and Coca-Cola among its customers

Monday.com is an online platform that helps teams manage their tasks. Eliran Glazer was hired as the company's finance chief while it to get inside the minds of those was in the process of filing for its around you is an incredibly useful IPO, meaning he had to quickly adapt to his new role. Now, three years later, his new challenge is navigating the ups and downs of being the CFO of a public company during a tough macroeconomic climate.

The role of a chief finance officer undergoes many changes when a and understand their rationale, you company goes public. They must disclose financial statements to the opens more doors. public and meet the demands of shareholders. They also must satisfy new regulatory requirements. For Glazer, the biggest change has been navigate conflict in the Middle East stepping into the role of storyteller and communicator.

Around one-third of Glazer's time is now spent managing Monday. com's investor relations. Serving as that critical touchpoint requires tech sector excellent people skills and a deep understanding of the business and its wider market, he says.

"I've moved from being the person in the back room to suddenly becoming the person that investors are looking at to tell our post-IPO story," Glazer adds. "I have to be ble with our investors and I've compelling and I have to be able to articulate what our competitive advantages are in a way that is technical, but also anecdotal."

This means striking a balance between being professional and personable, Glazer says.

For the Israeli-born Glazer, it has involved improving his English. "I had to study the jargon," he says. "Not many Israelis know how to say

nce listing on the New | innings of our journey' or 'out of the York Stock Exchange in gate'. This is something I had to

> The communication style that resonates with investors will change depending on their areas of exper tise. They could be highly involved in a specific industry, such as technology, and will respond more favourably to a CFO who can speak to this. "You've got to quickly assess what that person wants. The ability skill and one that is constantly overlooked in the CFO profession."

He adds: "Many people see finance chief as the party pooper – the person that focuses solely on cutting costs or finding a return – but when vou step into other people's shoes get more out of a conversation. It

The past three years have been challenging for Monday.com. The Tel-Aviv-based business has had to and has implemented a hybrid working arrangement for its Israeli employees to ensure their safety and business continuity. The company has also faced volatility in the

Despite these challenges, Monday. com has had to deliver on the promises it made when it went public. Glazer highlights the increased importance of building strong relationships in this period. "I've always aimed to be as transparent as possi-





we could achieve. We committed to ing cash, and we followed through." Despite an unpredictable market, Monday.com has expanded into growth rate of over 30%, according to its latest financial reports.

Glazer says this has been achieved by focusing on sustainable growth. The strategy has been to "deliver a good product and a strong culture", he says. "We work to protect both of those things – even as we grow."

With everything that has occurred in the past three years, it's important that CFOs know how to manage pressure, he explains. "This job requires a lot of you. There are out and lose passion for the job," step back and detach yourself from many crises and people that need Glazer says. He has found medita- work, "This is the only way you can your time and advice. I've learnt tion to be a useful tool when it be fully prepared for whatever the not to make snap decisions under | comes to managing the high pres- | next day brings."

worked hard to build a high level of | pressure because this is when you trust by only promising what I know make mistakes," he says. "There are going to be ups and downs, but you improving the top line and generat- have to park your ego and keep a We work to protect clear head."

Glazer describes his work schedule as "crazy" and spends most of over 200 regions and has achieved a his time attending investor roadshows, board meetings and on We grow earnings calls

> Working in such a high-pressure role can often lead to burnout, which is prevalent in the finance profession. Only 27% of CFOs | Wim Hof breathing technique. It's a achieve a satisfactory work/life balance, 87% deal with stress and 83% report regular burnout, according to a survey by Sage

> life balance you are going to burn it brings, it's important to take a

our product and culture – even as

sures of the job. "I'm a big fan of the bit like meditation and I do it every morning before work."

Glazer's philosophy is that no matter how important your job is or "If you don't find a healthy work/ how much you relish the challenges

Data and personalisation: how to unlock value in an experience economy

With the right technology in place and a unified approach to data, automotive retailers can deliver seamless, personalised experiences that convert into customer lifetime value

cross every industry, techno- | research states 83% of customers logical advancements have still worry about being 'ripped off' led customers to expect and 76% worry about making the more convenient, personalised experiwrong decision ences. From flexible purchase options Therefore, dealerships remain the to intelligent campaigns that deliver primary gateway to customer lovalty. value beyond lead generation, conven-Face-to-face interaction can deliver a ience has swiftly become the norm. lasting impact on your customer base. And while retail giants like Amazon and And data-driven technology can be sectors such as travel spearhead evo- used to amplify that impact online to lution, the automotive industry remains instore, and back again. It can be used burdened by complexity. to personalise interactions throughout "Automotive retail is a multi-laythe journey - whether online during ered industry," says Tim Smith, chief research and purchase, or in-store for strategy officer at Keyloop. It is powservicing and repairs – to unlock ered by multiple point solutions limgreater customer lifetime value.

iting its potential to deliver true per sonalisation and amplify customer lifetime value

silos and customers unable to have their preferences follow them from channel to channel. This fragmented infrastructure forces retailers to rely on inefficient

manual, error-prone processes, a top frustration for 69% of them according to Keyloop-commissioned research. This falls narrowly behind concerns about conversion rates (77%) and the (85%). But consumer frustrations go about inaccurate data, with 72% finding feature information unclear and 76% not trusting online data as much as in-store information.

journey transparent and consistent at every touchpoint. But that's just the beginning. Seamless integration has the experience, not just data accuracy," says Smith.

The omnichannel opportunity

It's one thing to enhance your online experience. After all, 62% of shoppers typically start their customer journey browsing online rather than in-store, according to a 2024 Retail Economics Ecommerce Report. Yet retailers who wish to maximise customer lifetime value - over just transactions - should leverage omnichannel-enabled, data-driven technology build trust with their consumers. Brick-and-mortar retail remains a

In automotive, the lack of effectively integrated systems prevents seamless data flow, leaving retailers to work in

"Data inaccuracy damages conthe potential to enhance every part of

Experience-first innovation

Smith advocates for an `experience-firs approach, where technology and data pave the way for innovation, allowing sales teams to shift from transactiona deals to quality relationships that drive ustomer lifetime value.

Technology like robotic process automation (RPA) is already streamlin ing key aspects of the automotive retail ecosystem, such as inventory management, vehicle financing and onboarding across the entire dealer network.

More importantly, RPA is also ensur ing customer data is accurate and kept disjointed online to instore journey up to date, reducing rekeving and maintaining compliance, as well as sindeeper. In fact, 83% are concerned cere, ongoing engagement throughout the ownership experience.

Artificial Intelligence (AI) is further enhancing personalisation by providing tailored content to the right customer at exactly the right time. Al vir sumer trust. At its core, effective proprietary integration is designed to their search, compare vehicles increase this accuracy, making the answer queries and provide personal ised support at every stage of the pu chasing journey

Meanwhile, Al-driven propensity modelling is helping automotive retailers to understand which customer are perfectly placed for a new vehicle ourchase, allowing them to send ta lored vehicle upgrade offers based on their existing vehicle, monthly repay ments, typical upgrade paths and pro pensity to switch to electric. This driving better conversion rates and ensuring a more efficient use of ma keting spend

By investing in intelligent, data-led solutions like these, retailers can ele vate their experience, keeping cus tomers open throughout the ownerto personalise the experience and ship phase and ultimately maximising their lifetime value.

crucial part of both the car-buying | Data: the foundation of and ownership experience. As Smith | exceptional experiences

explains, "consumers still lack trust in Smith believes that exceptional expe the car buying and ownership pro- riences are "truly about data and the cess". In fact, Keyloop-commissioned | flow of information from one system



internal sales process need to be the experience for both parties. "If a sales process is disjointed, arduous and involves a lot of rekeying, how can you expect that to translate into a transparent, positive and memorable experience for the customer?"

Finding a supplier with expertise in unlocking your data's potential is essential. In automotive retail, multiple data sets - from vehicle, finance and customer data to performance

to another." He notes that "both the | and reporting - must intersect to give | retailers with the necessary insights t customer-facing journey and the retailers a 360-degree view of their stay agile in this ever-changing indusoperations. "Only with a complete aligned in their simplicity" to enhance view of customers and vehicles, can time data enables retailers to meet retailers proactive, personalised outreach and make data-driven decisions," adds Smith.

One supplier. One platform

Keyloop's newly launched automotive retail platform (ARP), Fusion, connects every phase of the vehicle sales process. naximising both customer and vehicle lifetime value. Fusion is organised into four core domains to ensure its endless capabilities are easily accessible.

By harnessing Fusion's domains Supply, Demand, Ownership and Operate - automotive retailers can ensure a connected journey from inventory management and custome conversion to aftersales and dealer operations. This seamless integration enables data to pass freely from one domain to another, making automation and personalisation possible at every touchpoint.

Fusion utilises the latest advance ments in technology, including AI, to unlock valuable datasets and provide try. This ability to gather and apply realevolving customer expectations for a convenient, personalised experience.

"At the heart of delivering excep tional automotive experiences is the ability to harness data in a way that feels personal to every customer When retailers can connect systems seamlessly and use that data to peronalise interactions, they move beyond one-time transactions to ouilding lasting relationships. It's this shift - from transactions to tailored experiences - that ultimately drives customer lifetime value," co cludes Smith



For more inform about Fusion Keyloop's auton retail platform, pleas



exceptional automotive

experiences is the ability to

personal to every customer

harness data in a way that feels

Are your AI models open source?

Look closer.

/Keep your options open



redhat.com/options

Copyright © 2024 Red Hat, Inc. Red Hat and the Red Hat logo are trademarks or registered trademarks of Red Hat, Inc., in the U.S. and other countries.