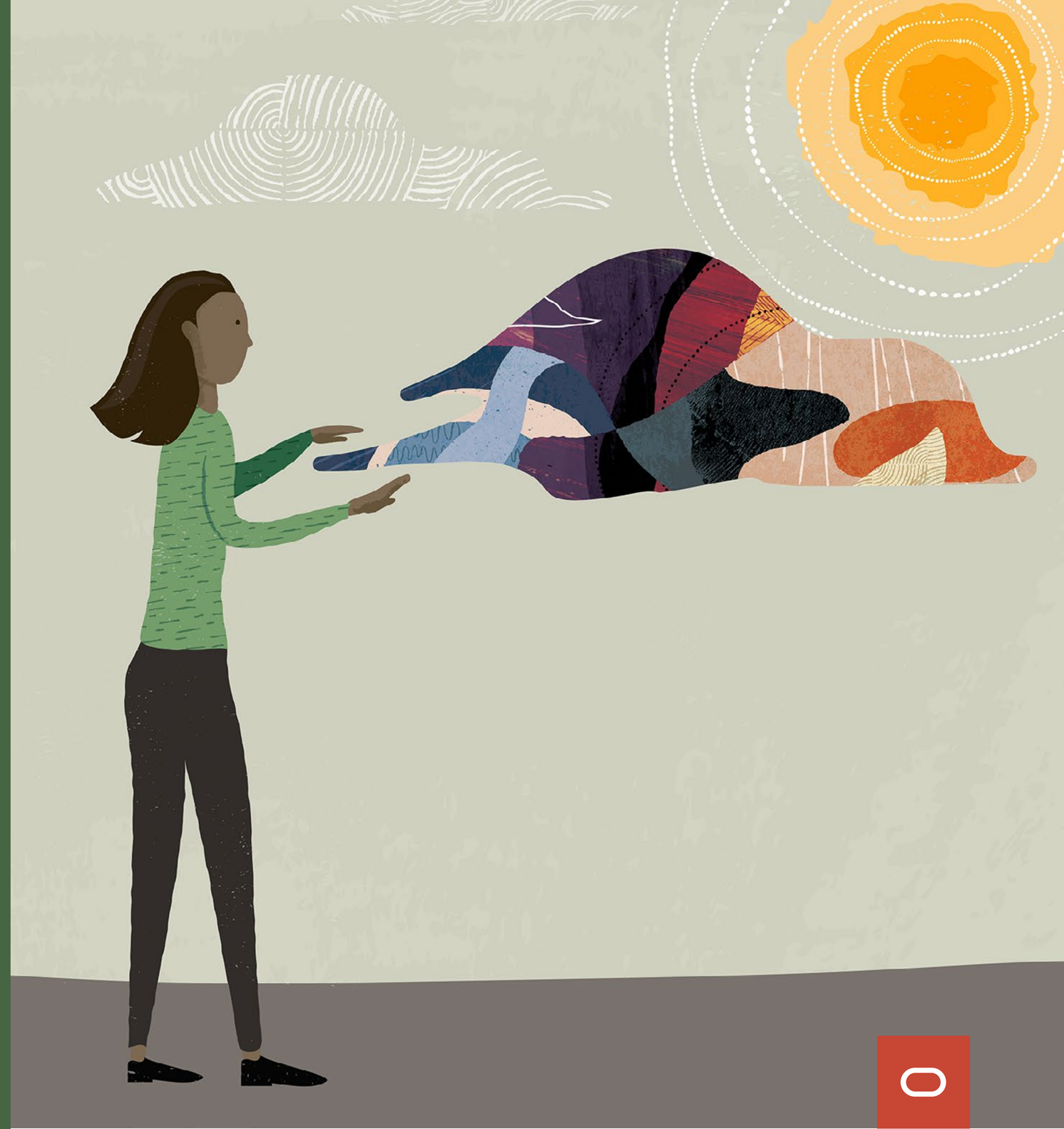
ORACLE

Cloud Perspectives:

Reshape your role

An IT leader's guide to go from administration to innovation.



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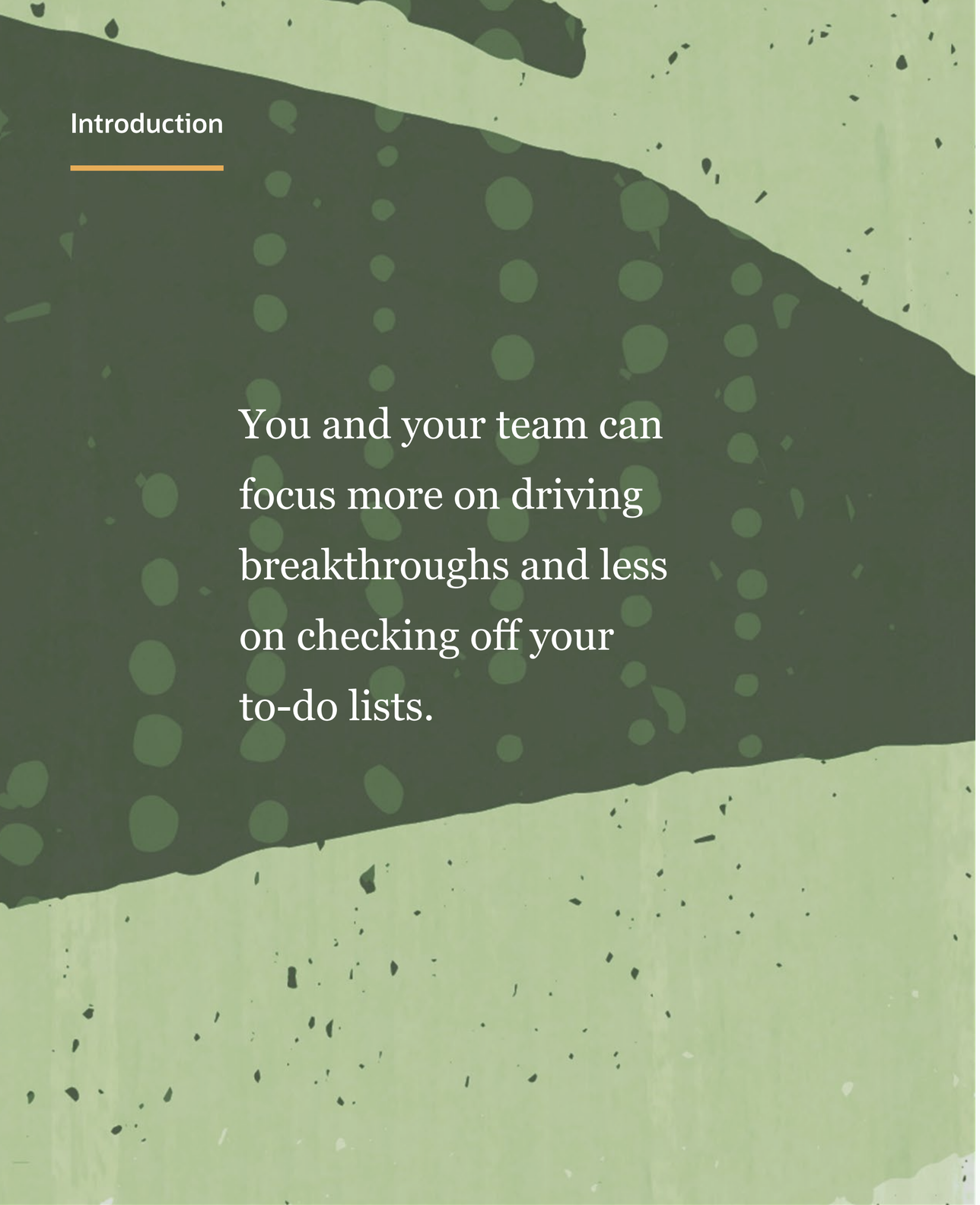
Introduction



“IT isn’t going to disappear as we know it now, but it is going to have to become part of a larger strategy. To maintain competitive advantage in the near term, companies have to adopt an intelligence-technology framework built on the IT foundation they already have.”[1]

- Ben Lamm, Co-founder and CEO of Conversable

Whether it’s keeping systems and data secure, developing applications, growing revenue, or cutting costs, IT leaders today are focused on two things: administration and innovation.

So, how do you navigate it all? Well, to make a long story short—you need to put emerging technology to work for you. That way, you and your team can focus more on driving breakthroughs and less on checking off your to-do lists.

Part 1

The backstory:

Being innovative

Experimenting and innovating is one of the highlights of your job. In fact, it's one of the reasons why you got into IT in the first place. But some of the tasks you face every day keep innovation away.

Like the complexity and cost of managing disparate dev/test, production, and other application lifecycle environments. And, the cost of underutilized infrastructure and ongoing on-premises database maintenance. Plus, when your team has only limited experience developing and implementing technology (like containers, Kubernetes, machine learning, digital assistants, and blockchain, for instance), it's really tough to sit on the cusp of technology.

To create radical new solutions, look for cloud technology that will:

- **Give you more time to experiment** with design architecture
- **Enable your IT team** to be a revenue driver
- **Align your activities and tools** with big business initiatives
- **Help you and your colleagues** level up your skills

Discover how others are putting artificial intelligence to work in *Harvard Business Review's The Rise of Intelligent Automation Report.*

Part 2

The inside story:

Watching the budget

Sometimes it surprises people that cost is on the mind of IT. But that doesn't make it any less true.

You're not only responsible for creating apps and resolving issues, but also for reducing excess labor, cutting costs, and growing revenue. Things like database management, maintaining legacy environments, upgrading systems, and meeting service level agreements is expensive. Really expensive. And integrating IT solutions from global mergers and acquisitions adds even more zeros to the price tag.

To meet the budget expectations of your CIO, it would help to have a database solution that:

- **Includes built-in services** that can assist with backups, patching, tuning, and collaboration
- **Scales elastically** so you don't have to pay for unused space needed only during peak periods
- **Eases the need** for extra maintenance and labor

Part 3

The other side of the story:

Keeping the data safe

Security. When it comes to database technology, it's a no-brainer. Right? Yes and no. Often, people outside of IT don't realize the lengths you have to go to in order to protect customer data.

Today's threats come in many forms, including nation states, advanced persistent threats, organized crime, and insider acts. (And an average breach costs around $3.86 million.[3]) Because of this, patching is a crucial—and recurring—part of your day. To protect your customer data the way it should be protected, you know it's time to get it to the cloud. (The same thing goes for mission-critical workloads, too.)

To safeguard your data, your customers, and your career, look for an enterprise-grade database that:

- **Offers always-on encryption** and next-gen security features
- **Delivers availability and secure data transfer** (without human intervention)
- **Can run mixed-workload** and mission-critical/enterprise workloads simultaneously
- **Reduces manual patching** to eliminate accidental error

The Main Reason You Need an Autonomous Cloud?
Read the article in Forbes.

Part 4

The bigger story:

The IT master plan

People outside of IT don't always see the bigger picture—they've got their own priorities. But it would be nice if they understood the vision.

With every company becoming an insights-driven company, IT has their hands in just about everything. Outside of daily system maintenance, your team is translating the needs of business experts to those in outsourced IT. On a daily basis, you're also churning out data analysis across multiple lines of business—including finance, marketing, sales, and HR—and implementing reporting systems for each department.

It's a classic tale of balancing the short term with the long term, spinning up seamless applications faster while shaping solutions to long-term challenges. With all of this, there's little time for growing the skills of the team to support the business.

Fulfilling the department's strategic plan will require a data solution that:

- **Generates predictive insights** and reports to stakeholders in minutes
- **Provides a single source of truth** and helps enhance customer experiences
- **Delivers highly reliable transaction processing** with low downtime
- **Reduces LOBs reliance on IT** for access to data and analytics

Things Your Team Can Do With an Autonomous Database

1. Focus on data modeling
2. Spearhead security and information lifecycle projects
3. Stay informed on database trends
4. Get involved with agile development
5. Identify new revenue streams through data
6. Try new analytics tools
7. Lead migration and upgrades—boldly
8. Work as data architects instead of administrators

See how SKY Brasil is giving an entire county access to information with Oracle.

Part 5

The whole story:

Oracle Autonomous Database on Oracle Cloud Infrastructure

Want to do more? It's possible with the right cloud infrastructure and autonomous database.

Oracle Autonomous Data Warehouse on Oracle's next-generation cloud infrastructure is a fully autonomous load-and-go system with a preassembled security infrastructure that offers secure data migration with unprecedented ease of use.

It shields your customers' sensitive data from both accidental errors and malicious breaches, while taking manual patching and upgrades off IT's plate. This cuts down on administration costs and helps you refocus your time and talent on what's ahead.

Autonomous Database also gets business users out of the IT queue by letting them set up data marts for self-service access—for insights when they need them. With embedded aritificial intelligence and machine learning, it's able to uncover hidden patterns needed to propel ingenuity.

90% of the world's data has been generated over the past two years.[2]

Oracle's next-generation cloud infrastructure, featuring the Oracle Autonomous Database:

- **Features comprehensive, open, secure, and intelligent** layers of cloud in minutes
- **Is architected for consistent high performance** and security
- **Powers mission-critical applications** (Oracle and non-Oracle)
- **Works across all workloads;** transactional, analytical, batch, or real-time
- **Supports new emerging technologies** and runs across any deployment—public, private, hybrid, and multicloud

Ultimately, Oracle's next-generation cloud infrastructure running Oracle Autonomous Database frees your team up to focus on what's most important. And it marks the culmination of four incredible decades of innovation. Doing less has never enabled your business to accomplish so much more.

> "When we look a bit further into our future, autonomous technology is an opportunity to redefine the role that IT plays and to go from being a cost center to an income generator for the business."
>
> - Angel López, Chief of Computer Systems, Santiveri

Moving to the cloud is a decision that affects every part of a business in a big way. To find a platform that not only helps you reshape your role—but helps your peers too—it's good to get support from those in finance and human resources.

Because they all have different directives, ranging from driving innovation to forecasting to recruiting and retention. The good news is that moving to the cloud can help everyone in your company.

1 InformationWeek, "The Future of Information Technology is Intelligence," 2018.

2 Forbes, "How Much Data Do We Create Every Day? The Mind-Blowing Stats Everyone Should Read," 2018.

3 Forbes, "The Average Cost of a Data Breach is Highest in the U.S.," 2018.

Oracle Cloud Infrastructure. Do more with data.

Discover how the right cloud solution can work for your entire business in our new Cloud Perspectives series.

Explore more

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