A. Disruptive Technologies and Trends
Disruptive trends and technologies challenge incumbent enterprises, forcing them to rethink business models to support and enable initiatives. This track explores the balance between ensuring operational stability and tapping into emerging trends and technologies.

- Compute Evolution: Virtual Machines, Containers, Serverless, Which to Use When?
- How to Get SASE: A Strategic Roadmap for Adoption
- CIO’s Strategy Guide to Navigating the Quantum Computing Hype
- A Pragmatic Approach to Zero-Trust Security Architecture
- Drilling Down on the Gartner Magic Quadrant™ and Critical Capabilities for WAN Edge Infrastructure
- How to Define and Design I&O Products
- Enterprise AI Pioneers: Case Studies and Best Practices From Successful Enterprise AI Initiatives
- Top 10 Technology Trends Impacting DevOps
- 3-Tier. Hyperconvergence or Distributed Cloud: What to Use When
- Consumption-Based Infrastructure for Innovation: Hype, Hope and Reality

B. Cloud Migration Strategies
Enterprise IT has embraced the concept of multicloud as an accepted delivery model for many enterprise applications. This track explores concerns about how best to balance cloud computing as “the answer” and cloud computing as one option for IT to support the business.

- Working Backward: How to Apply the Techniques of the Cloud Providers to Fuel Your Infrastructure-Led Innovation
- Cloud-Native and Multicloud: Buzzwords or Key Principles for Your Cloud Strategy?
- How to Optimize Connecting Into Public Cloud Services
- Innovations Driving the Future of Networking
- The Cloud Journey: From Strategy to Transformation
- Case Study: Inspire Brands’ Cloud Migration and Infrastructure-as-Code Journey
- Infrastructure for Anywhere Operations
- The Cloud Computing Scenario: The Future Is Distributed Cloud
- How to Build a Cloud Migration Cost Estimate
- The State of Public Cloud Migration in 2021

C. Anywhere Infrastructures
The pace and scope of the digital era requires robust, secure, resilient on-demand infrastructure that scales to meet changing customer needs anywhere, at any time. This track explores how to develop on-demand infrastructures anywhere to meet digital business needs.

- Quantum Strategy Facts: Knowing When to Bail Is a Survival Tactic
- Case Study: IHG — Implementing a Contactless Customer
- Technical Insights: Preparing for the Inevitable — Building Your Ransomware Defense Structure
- Is Now the Time for DaaS?
- Best Practices for Securing Cloud-Native Applications Built on Containers and Kubernetes
- State of Containers: 2021 Through 2024
- The Blurred Line Between Cloud, Data Center and Edge: What Is Distributed Cloud?
- The Top Trends Impacting Infrastructure and Operations
- Building Hybrid Cloud Storage Strategy: How to Deliver Data Services Anywhere

D. Cloud and Operations Management
Modern, cloud-based applications and infrastructure are increasingly distributed, fragmented and complex — a management nightmare. This track focuses on new approaches to managing workloads and operations, wherever they are, based on concepts of systems observability.

- Inside the Monitoring Reference Model
- Emerging Technologies in Security and Risk Management
- Practical IT Resilience: What You Need to Know and How to Get Started
- Will Disaster Recovery as Service Save Your Money?
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Sessions at a Glance

Agenda as of September 3, 2021 and subject to change.

E. Impact or Evolution of Edge Environments
I&O leaders must be willing to rethink the technology architecture, processes and people required for next-generation workloads, including IoT, cloud and edge environments. This track focuses on how edge will impact I&O decisions and strategies.
• Cloud Networking: How to Get to the Cloud
• Exploring the Edge: What’s Really Happening Out There
• Storage and Data Services at the Edge: Rethink Your Enterprise Strategies for the Edge Awakening
• The Future of End-User Computing: User Experiences and Automation in a Digital Workplace
• The Future of IT, Business and Life on Edge
• A Unified Theory for Workload Placement Across Cloud, Data Center and Edge
• The State and Future of the Edge Networking
• The Strategic Roadmap for Edge Computing
• Technical Insights: Inspecting the Dimensions of SRE Role and Its Challenges
• How to Create an I&O Strategy for Digital Business
• Understanding Edge Computing Use Cases
• Building an Edge Computing Strategy

F. Delivering Workloads — Anywhere
I&O leaders must redefine the mission of IT operations to focus on delivering positive, secure business outcomes. This track focuses on the I&O processes, technologies and human capabilities that enable rapid development and delivery of workloads and applications.

G. Staffing and Leadership
Leadership matters now more than ever. New roles demand a view across infrastructure, software and services, delivering maximum customer and business value. This track focuses on the need for essentialism in leadership, while tapping into new key roles across the org.
• Reach Your Potential by Leveraging Essentialism
• Implementing Effective Organizational Strategies to Enable the Scaling of DevOps
• Top 3 Midsize Enterprise I&O Cost Optimization Investment and Approaches
• Insider Risk: Protection From the Risk Within
• Returning to Work Requires Expanded Workplace Scheduling
• The Diversity Dilemma
• The I&O Operating Model: What It Is, Why It Is Important and How It Can Transform Your Organization
• The Top Mobile Technologies Defining The Future of Mobility
• The Secret to I&O Maturity in a Midsize Enterprise
• The Rise of Frontline Workers
• Leadership Vision for 2022: Infrastructure and Operations
• Build a Balanced Approach to I&O Skills Development

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Spotlight tracks

**I&O Security and Infrastructure Resilience**
This track focuses on guiding I&O leaders to manage and defend their increasingly anywhere organizations from exposures and threats, while integrating security, recovery and compliance best practices into day-to-day processes.

- Ask the Expert: Creating a Bulletproof Infrastructure With the Constant Threat From Ransomware. Fact or Fiction?
- Technical Insights: Preparing for the Inevitable — Building Your Ransomware Defense Structure
- A Pragmatic Approach to Implementing a Zero-Trust Security Architecture
- Emerging Technologies in Security and Risk Management
- How to Implement Consistent Security and Compliance in a Hybrid Multicloud World

**DevOps and Agile**
To accelerate development and enable continuous delivery of customer value, organizations need to reach the next level in their agile and DevOps practices. I&O leaders must actively focus on value stream management to maximize flow, improve delivery efficiency and drive innovation.

- Implementing Effective Organizational Strategies to Enable the Scaling of DevOps
- Top 10 Technology Trends Impacting DevOps
- Ask the Analyst: How to Enhance Reliability and Resilience Using SRE and Chaos Engineering Practices
- Enhance Your SRE Success With Chaos Engineering
- Modernize ITSM to Meet the Demands of DevOps and Product Teams
- Ask the Expert: Platform Ops to Support and Scale DevOps

**Automation**
This track guides I&O leaders in executing an automation strategy by identifying required processes, skills and technologies.

- Roundtable: Building and Sustaining Your Automation Pipeline
- State of Containers: 2021 Through 2024
- Who Automates, Wins: Demonstrating Automation Value Is Your Key to Success
- Ask the Expert: Infrastructure as Code
- Monitoring and Observability in a Hybrid Cloud World

**Cost Optimization**
A critical focus for I&O leaders, optimizing costs and assuring funding is allocated to the right things is a critical part of managing I&O effectively. Recent times and the emerging new normal makes this a challenge to many: how to keep costs down and optimize operational costs, both on-premises and off, while growing.

- Workshop: Follow the Gartner 4-Step Framework to Optimize Your Megavendor Negotiations
- Ask the Expert: Use the Gartner S-A-V-E Methodology for Infrastructure Cost Optimization Opportunities
- How to Build a Cloud Migration Cost Estimate
- Technical Insights: Public Cloud Cost Management: How to Avoid Common Pitfalls
- Ask the Expert: Cloud Cost Management and Optimization

3 ways to register

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Spotlight tracks

Midsize Enterprise

Midsize enterprises face many of the same challenges as large organizations but have a fraction of the resources with which to execute. Small teams of IT versatilists, limited budgets and small-scale environments make certain strategies and tactics universally beneficial. Dedicated sessions and networking opportunities in this track are designed with your scale and operational environment in mind.

- Insider Risk: Protection From the Risk Within
- Ask the Expert: A Midsize Enterprise Approach to Working With Public Cloud Infrastructure as a Service (IaaS) Providers
- Top 3 Midsize Enterprise I&O Cost Optimization Investment and Approaches
- The Secret to I&O Maturity in a Midsize Enterprise

Cloud Journey

Not all cloud journeys are the same but there are similarities. A business-driven strategy coupled with a pragmatic adoption/migration plan is critical. But knowing where you are and where you are headed is critical to success. Journeys range from infrastructure replacement to digital transformation, with many others in between. These sessions bring all the ingredients together to enable the right journey for you.

- A Unified Theory for Workload Placement Across Cloud, Data Center and Edge
- The Cloud Journey: From Strategy to Transformation
- The Cloud Computing Scenario: The Future Is Distributed Cloud
- Ask the Expert: How Do I Select the Right Cloud Management Tooling?
- Building Hybrid Cloud Storage Strategy: How to deliver Data Services Anywhere
- The State of Public Cloud Migration in 2021: Explore Gartner’s Recent Study Results
- Technical Insights: The Road to DevOps — How to Build the Continuous Infrastructure Automation Pipeline

Technical Insights

These technical insights sessions are designed for drill-down analysis of critical topics within the I&O and cloud strategies arena, presented by Gartner for Technical Professionals experts.

- Hyperconvergence and Distributed Cloud: A Technical Market Guide
- The Road to DevOps — How to Build the Continuous Infrastructure Automation Pipeline
- Top Mistakes to Avoid When Implementing Disaster Recovery in the Public Cloud
- Public Cloud Cost Management and Optimization: Common Pitfalls and How to Avoid Them
- Running Through the Clouds: Advancing Your Organization’s Public Cloud Maturity
- Infrastructure 2026: Plan Your Five-Year Data Center, Cloud and Edge Strategy

The Senior Leadership Circle

Created for the most senior infrastructure and operations leaders, the Senior Leadership Circle is a unique opportunity to engage with Gartner experts as well as your I&O peers and attend recommended sessions to optimize your conference experience. An application to participate is required. As part of this program, we suggest attending the sessions in the Staffing and Leadership track as well as interactive sessions below, exclusive to the program.

- Ask the Expert: Essentialism
- Roundtable: Hacking Your Way to Culture Change in I&O