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Your Passport to the Cloud

Welcome

We recognize that migrating to the cloud can be a challenge. We're here to help. At our all-digital CiscoLive!™, you'll find a wealth of talks, solution overviews, and demos that will help you better innovate, reimagine, and architect your cloud deployment. With an Explorer Pass, you can view the keynotes and Innovation Talks. And with an All-Access Pass, you can register for the Technical Breakouts and Product and Solution Overviews. Enjoy.

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Leadership channel

1. Session DLBLDR-14
Global CIO Roundtable: Accelerating Digital Agility in a Cloud-first World

Jacqui Guichelaar, Senior Vice President, Chief Information Officer, Cisco Systems, Inc.

Access level: All-Access, Explorer

This roundtable will explore how CIOs from around the globe are accelerating digital agility in a cloud-first world. Whether it's using cloud to achieve business resilience, lead to a better experience overall, or secure remote work tools for distributed teams in the hybrid work environment, CIOs and IT leaders are focused on digital transformation that prepares them to lead their workforce into the future.

Session type: Thought Leadership

Technical level: General

Technology: Other

Innovation channel

1. Session DLBINT-42
Accelerate Cloud Adoption with Hybrid Cloud Operations

Thomas Scheibe, Vice President, Product Management Data Center Networking, Cisco Systems, Inc.

Kaustubh Das, Vice President and General Manager, Cloud & Compute, Cisco Systems, Inc.

Access level: All-Access, Explorer

Session type: Innovation Talk

Session length: 30 minutes

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2. Session DLBINT-48
The Cloud Experience Vision

Liz Centoni, SVP, Strategy, Emerging Technologies and Incubation, Cisco Systems, Inc.

Access level: All-Access, Explorer

As companies seek to maximize innovation while aiming for business agility, cloud adoption is accelerating. They need to address talent and associated skillsets, application development speed, the delicate balance of security and simplicity and the goals of multicloud choice, and the need for a hybrid environment and flexible consumption models. All of this calls for a new vision: the Cloud Experience. Cisco's cloud-experience vision for a hybrid cloud environment with a choice of multiple clouds and cloud-native applications empowering an augmented way of working is enabled by five integrated capabilities: business continuity, real-time insights, agile connectivity, end-to-end security, and a cloud-operational model. The cloud experience vision is possible and available for your business today, from Cisco.

3. Session DLBINT-41
Cloud Networking From the Edge and Back

Mohit Lad, VP and General Manager, Cisco; co-founder and CEO ThousandEyes, Cisco Systems, Inc.

Scott Harrell, SVP/GM, Intent-Based Networking Group, Cisco Systems, Inc.

Access level: All-Access, Explorer

Multicloud is the new de-facto for IT operations. Users and applications are more distributed than ever. You need to scale your operations to every edge, and your infrastructure must adapt to changing business needs. Greater agility, visibility, and flexibility without compromising security are more important than ever. Join us to learn networking strategies that address the rapidly evolving cloud edge. We'll unveil innovations for securing multicloud networks that provide visibility, choice, and control across your cloud and on-premises applications. And we'll share critical considerations for evaluating SD-WAN, SASE, and cloud-networking solutions.

Session type: Innovation Talk

Session length: 30 minutes

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4. Session DLBINT-47
Unleash Multicloud Innovation with Digital Agility

Thimaya Subaiya, SVP Customer Experience Solutions, Customer Success & Acceleration, Cisco Systems, Inc.

Ruba Borno, SVP/GM, Global CX Centers, Cisco Systems, Inc.

Alvio Barrios, SVP, Customer Experience Americas, Cisco Systems, Inc.

Access level: All-Access, Explorer

Today's reality demands a higher level of agility and innovation, requiring a modern, multicloud network. But in order to get there, you must decode and eliminate complex challenges. Imagine going from vision to deployment to desired outcomes, faster, while lowering OpEx, and creating resilient, future-ready IT. You need to design it securely the first time with built-in automation, deploy it faster, and optimize for uninterrupted connections to your data and applications. Join this session to discover how to access analytics-driven guidance from Cisco experts and the new CX Cloud at every step of your IT modernization journey to de-risk and speed your transformation.

Session type: Innovation Talk
Session length: 30 minutes
Technology: Cloud

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Reimagine Applications channel

1. Session BRKAPP-2222
Correlate and Secure Your Applications Across Networks and Clouds

Ty Amell, Chief Technology Officer, AppDynamics®

Valerie Li, Senior Product Manager, Cisco Systems, Inc.

Florin Balus, Distinguished Engineer, AppDynamics

Access level: All-Access

Deep dive on how AppDynamics correlates application performance with deep internet and hybrid cloud visibility, and continuously protects against exploits with Cisco Secure Application and integration with ThousandEyes.

Session type: Breakout
Technical level: Intermediate
Session length: 45 minutes
Technology: Application performance

2. Session BRKAPP-2223
Service Assurance for the New Enterprise Reality

Joe Dougherty Dougherty, Technical Solutions Architect, Cisco Systems, Inc.

Access level: All-Access

Enterprises today are grappling with the challenges of managing applications they own and deliver to users as well applications they don't own but consume as a service. As internally developed applications increase their reliance on third-party API services accessed over the internet and cloud networks, ensuring application performance and meeting service-level objectives can be extremely difficult. At the same time, SaaS applications are becoming more critical to the functioning of the business.

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This session will cover how enterprises can successfully manage these two aspects of application experience and how ThousandEyes insights into external networks and services can help you fill in visibility gaps that put user experience at risk. We'll also cover how ThousandEyes integrations with AppDynamics and the Cisco® Catalyst® 9000 Switch Series can help you improve service delivery for customers and employees.

Session type: Breakout
Technical level: Intermediate
Session length: 45 minutes
Technology: Application performance, AppDynamics, ThousandEyes
Solutions: Branch, cloud, enterprise applications

3. Session BRKCLD-2812
Hidden in Plain Intersight: Exposing Powerful Cloud Operations Use Cases

Sean McKeown, Technical Solutions Architect, Cisco Systems, Inc.

Bradley TerEick, Technical Solutions Architect, Cisco Systems, Inc. – **Distinguished Speaker**

Access level: All-Access

Do you want to gain the most from your multicloud investments? Watch and learn how your organization can immediately take advantage of the Cisco Intersight™ platform to consistently deploy and manage application infrastructure at scale, break out of the endless break-fix cycle, and quickly and easily remediate issues across the software and hardware estate. In this session, we will step through powerful bite-sized use-cases showcasing Intersight's predictive guidance, application resource optimization, and streamlined technical support capabilities targeting some of IT's most fundamental challenges.

Session type: Breakout
Technical level: Intermediate
Session length: 45 minutes
Technology: Computing systems, data center
Solutions: Orchestration, automation, cloud

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4. Session BRKCLD-2455
Hybrid Cloud Connectivity: From, To, and Across

Carlos Campos Torres, Principal Sales Architect, Cisco Systems, Inc. – **Distinguished Speaker**

Access level: All-Access

Migrating to the cloud? Connecting multiple clouds, building a hybrid cloud, or enabling DRaaS? This is your session! Learn how you can normalize network provisioning and operations in a consistently secure way by making the most out of automation in AWS, Microsoft Azure, and your own environment, which allows you to accelerate time to innovation and minimize downtime anywhere your business takes you.

Session type: Breakout

Technical level: Intermediate

Session length: 45 minutes

Technology: Cloud, data center

Solutions: Cisco ACI®), software-defined networking (SDN), cloud

5. Session BRKAAPP-1889
Reimagining Application Networking and Security

Tim Szigeti, Principal Technical Marketing Engineer, Cisco Systems, Inc. – **Distinguished Speaker**

Access level: All-Access

Businesses are increasingly shifting their applications to microservice-based architectures, as these support rapid application development with flexibility, stability, security, and scale. However, microservice architectures present new networking and security challenges that traditional approaches simply cannot meet. For instance, securely interconnecting such microservices dynamically and at scale cannot be done with legacy systems and requires and entirely new approach, a cloud-native approach. Similarly, too, when it comes to security: it's not enough to secure an interconnection, but also containers, pods, clusters and even APIs. This requires security to be embedded early and pervasively into the entire CI/CD pipeline, and not simply as an after-the-fact consideration. In this session we'll lay out some of the key problem areas and industry best-practice approaches, setting important context for some of the exciting new technology breakout sessions to follow.

Session type: Breakout

Technical level: Intermediate

Technology: Cloud, security

Solutions: Cloud, cloud security

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6. Session BRKCLD-2813
Simplifying Kubernetes Cluster Operations with Intersight

Michael Doherty, Technical Solutions Architect, Cisco Systems, Inc.

Doron Chosnek, Technical Solutions Architect, Cisco Systems, Inc.

Access level: All-Access

The average container workload lives for less than a day. So why does it take so much time to install and manage the day-to-day lifecycle operations of Kubernetes itself? Join this session to learn about how Cisco's new Intersight Kubernetes Service (IKS) can help your organization provision and consume Kubernetes platforms the easy way. We will explore such aspects as Intersight's inherent templating-based functionality to aid the management of multiple Kubernetes clusters in disparate locations, along with some unique optimization and deployment capabilities, and doing all of this from a single control point.

Session type: Breakout
Technical level: Intermediate
Session length: 45 minutes
Technology: DevOps, cloud
Solutions: Multicloud, orchestration

Transform Infrastructure channel

1. Session BRKDCN-2453
Cloud Network Designs Integrating with Modern Compute and Storage in the Data Center

Max Ardica, Principal Engineer, Cisco Systems, Inc. – **Distinguished Speaker**

Dan Hanson, CTO, Cloud Infrastructure & Software Group, Cisco Systems, Inc.

Access level: All-Access

Many customers strive to build their data center as the cloud titans do. In the first part of this presentation, we provide a "cookie cutter" approach that works for small- to large-scale data center needs. We are going to review platform selection and topology tiering that starts with two access-layer switches and drives it all the way to a multitier/multilocation data center architecture. As we progress, we will consider different technology choices from non-fabric to controller-based systems. In the second part of the session, we continue to the compute and storage layers to discuss design considerations for operating the multiple formats of each layer as we extend policy-defined management and operations. We will discuss considerations on server and storage performance needs for a variety of workload types, industry adoption rates for higher speed attachments to the network, and compute-storage impacts on your data-center environment designs. We will then show how many different layers of orchestrations and scripts can be consolidated with Cisco Intersight and Cisco Nexus® Dashboard for operations and analytics, resulting in faster deployments for the developer community onto private clouds that have speed and agility similar to those found in public clouds.

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Secure Data channel

1. Session BRKSEC-2415
The Future of Network Security Is in the Cloud With SASE!

Jeff Fanelli, Principal Sales Architect, Cisco Systems, Inc.

Access level: All-Access

Cisco Secure Access Service Edge (SASE), built on Cisco Umbrella™, delivers best-in-class security as a service. This session will focus on the Umbrella cloud security stack, which allows simple and secure connectivity of users to applications. Solutions will include Umbrella SIG, DUO, Cisco AnyConnect®, Meraki®, and Cisco SD-WAN.

Session type: Breakout

Technical level: Intermediate

Session length: 45 minutes

Technology: SD-WAN, security

Solutions: Cloud, cloud security, web security

2. Session BRKSEC-2411
Zero Trust: Securing Applications and Workloads Using Cloud-Native Approaches

Keith O'Brien, Distinguished Sales Architect, Cisco Systems, Inc.

Access level: All-Access

This session will cover the main architectural security blueprints of securely migrating applications and workloads to public cloud environments using a zero-trust approach. We will walkthrough common cloud-native technologies and how they can be deployed in a secure manner (containers, Kubernetes, and APMs). Coverage on the latest improvements to Cisco Secure for Workloads, Cisco Secure Cloud Analytics, and Cisco Secure Applications and how they can assist in this transition.

Session type: Breakout

Technical level: Intermediate

Session length: 45 minutes

Technology: DevOps, security

Solutions: Application security, cloud security

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Empower Teams channel

1. Session BRKSMB-1105
The Future of Small Business Technology Is Cloud-Delivered

Mike Storm, Cybersecurity Distinguished Engineer, Cisco Systems, Inc. – **Distinguished Speaker**

Nick Chrissos, CTO, Small Business, Cisco Systems, Inc.

Lee Peterson, Product Management Leader, Meraki SMB and Go, Cisco Systems, Inc.

Greg Smith, Small Business Product Marketing, Cisco Systems, Inc.

Bryan Morris, Engineering Product Manager, Cisco Systems, Inc.

Access level: All-Access

Even the smallest business can be big online – but only with the right blend of network, robust security, and powerful collaboration. Explore innovations across these areas that help small business compete and succeed in a future where technology is cloud-delivered and where the work might be done from anywhere. Hear from our panel of experts in a technical deep dive of the latest announcements that showcase the Cisco Designed portfolio and why it's ideal for small businesses that don't always have in-house IT. Plus, see these solutions brought to life in such real-world applications as medical offices, education, and retail.

Session type: Breakout
Technical level: Introductory
Session length: 45 minutes
Technology: Cloud, collaboration

Product and Solution Overviews

1. Session PSOCLD-1004
Build a Kubernetes Environment in a Few Clicks with IKS

Meenakshi Kaushik, Engineering Product Manager, Cisco Systems, Inc.

Join us and learn how you can build an entire Kubernetes stack from scratch, in a few clicks, using Cisco Intersight and Intersight Kubernetes Service, from virtualizing physical servers to installing Kubernetes to support on-premises and edge deployments. Learn how to isolate Kubernetes environments for different teams, deploy applications, and integrate with Intersight Workload Optimizer and AppDynamics.

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2. Session PSOCLD-1006
Revolutionize How You Manage Application Resources in a Hybrid Cloud

Vishwanath Jakka, Engineering Product Manager, Cisco Systems, Inc.

Optimizing workloads and allocating resources for dynamic hybrid-cloud environments is a daunting task with big implications on user experience and costs. Learn how Cisco Intersight Workload Optimizer can help you radically simplify application resource management for any environment, lower costs, and free your time to focus on what matters.

3. Session PSOCLD-1005
New Cisco UCS and HyperFlex Innovations

Cale Hilts, Product Marketing Manager, Cisco Systems, Inc.

Learn how the latest Cisco UCS® and Cisco HyperFlex™ innovations are delivering improved efficiency, security, and optimized operations in hybrid-cloud environments. In this session, you will hear about the new HyperFlex Data Platform Release 4.5, which extends HCI simplicity and scalability to iSCSI targets, introduces deeper integration with Kubernetes container storage services, expands edge choices, and enhances data protection and security capabilities. Additionally, we'll highlight new UCS servers and real-world examples of how UCS and HyperFlex enables IT teams to operate at the speed and scale required to support the business from the data center to the edge.

4. Session PSOCLD-2101
IT at the Speed of Dev: Infrastructure-as-a-Code with Cisco Intersight and Terraform Cloud

Andrew Horrigan, Engineering Product Manager, Cisco Systems, Inc.

From provisioning workloads in the cloud to managing server resources and storage arrays, ITOps teams are struggling to address the growing demands of their cloud-native developers. To address these challenges, many enterprises are exploring the concept of Infrastructure-as-Code (IaC). Terraform Cloud, developed by HashiCorp, is a SaaS-based, industry-leading platform delivering IaC, allowing users to write, validate, and apply plans to execute changes within their IT environments. Join our session to learn how you can use Terraform Cloud with Intersight to help bridge the knowledge, skill, and operational gaps of implementing IaC!

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5. Session PSOCLD-2100
Cisco Cloud Experience: Delivering the Experience You Desire

Tjerk Bijlsma, Chief Technology Officer, Cloud & Architecture Team, Cisco Systems, Inc.

How may Cisco help you deliver a cloud-agnostic and consistent set of capabilities that accelerate your multicloud journey? We will talk about the five multicloud enablers and demonstrate through use-cases how technology innovation can help you deliver the experience you desire. This is a product solution overview track, and while we will cover cloud-relevant technology solutions, it will remain at a high level.

Solution demos

1. Session DEMCLD-301
Radically Simplify Application Resource Management

Sean McKeown, Technical Solutions Architect, Cisco Systems, Inc.

In today's distributed multicloud environments, application performance is more critical than ever. Attend this demo session to learn how Cisco Intersight Workload Optimizer can help you to radically simplify application resource management at scale, avoid performance issues, and lower costs.

2. Session DEMCLD-303
Build a Kubernetes Environment With a Few Clicks

Meenakshi Kaushik, Product Manager, Cisco Systems, Inc.

In this short demo we will learn how to build an entire on-premises and edge Kubernetes environment out of the box using Cisco Intersight Kubernetes Service (IKS), with isolation at the infrastructure layer between users.

3. Session DEMCLD-305
How to Extend HyperFlex Storage With iSCSI

Joost Van Der Made, Technical Marketing Engineer, Cisco Systems, Inc.

Extend Cisco HyperFlex Data Platform performance, storage efficiency, and resiliency outside the HyperFlex cluster. HyperFlex support for iSCSI enables any bare-metal, virtualized, or containerized applications either within or outside the cluster and can now use HyperFlex Data Platform storage features.

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4. Session DEMCLD-307
   Mass Scale High-Density Converged Infrastructure

Christopher O'Brien, Director Technical Marketing, Cisco Systems, Inc.

The ability to scale computing efficiently to meet demand is crucial to gaining a competitive edge. This demo showcases the latest innovations that allow you to gain more value from your applications by using high-density FlexPod and FlashStack converged infrastructures.

5. Session DEMCLD-306
   New Cisco UCS Servers for Modern Workloads

Bill Shields, Product Manager, Cisco Systems, Inc.

Cisco is extending the Cisco Unified Computing System™ portfolio with new servers offering outstanding performance and efficiency to address the requirements of modern workloads. These new servers can be continuously optimized and operated at scale from the cloud with native integration with Cisco Intersight.