Quest® Database Virtual Summit

Quest®

	Hybrid Cloud and Infrastructure	DevOps	Optimization and Operations
11:00 – 11:45 AM	**Keynote**		
11:50 AM – 12:35 PM	**Hybrid Cloud and the Evolving DBA Role** *With Tim Fritz* With on-premises systems, the scope of the DBA's duties was generally consistent. Today, however, the role of the DBA is continuously evolving. Why? Increasingly, movement to hybrid cloud and "Ops." We'll explore the effects of hybrid cloud on the DBA. We'll also look at opportunities where DBAs can make a difference.	**How Can a DBA Participate in DevOps?** *With Jason Hall* This session will provide a brief introduction to DevOps concepts. Then, we'll focus on how DevOps impacts DBAs. You'll see how DBAs can better understand changes occurring to their database servers, as well as how DBAs can provide performance-focused dashboards to developers to enhance collaboration between teams.	**A Day in the Life of an On-Call Oracle DBA** *With Albert Rodriguez* Your on-call duties shouldn't consume your day. But how can you quickly perform everyday duties while also solving new and returning issues? After all, you still need to keep projects and timelines moving forward. This session will explore Quest® Toad for Oracle® features, such as DB Health Check, Capture and Replay and History Browser. You'll see how to simplify and manage your on-call duties.
12:40 – 1:25 PM	**Hybrid Infrastructure: Cloud Modeling and Migration with Foglight® Evolve Cloud by Quest®** *With Aaron Newsome* What if you could make cloud migration and management simple and predictable? With Foglight Evolve Cloud, you can migrate workloads to the cloud with confidence, knowing how much it will cost, expected savings and the anticipated performance impact. After migration, you can use Foglight to easily manage all your workloads in the cloud. See how to achieve a cloud-first or cloud-only mandate.	**Automating SQL Server Database Management into an Azure DevOps Pipeline** *With Mathew Phan* Azure DevOps is the go-to platform for Microsoft shops looking for a single-vendor solution for developing, testing, deploying and hosting their applications. But classic database management tools like SSMS don't provide enough integration into DevOps workflows. We'll review cost-efficient solutions to bridge the gap and apply common database tasks to an Azure DevOps pipeline.	**Why Query and Index Tuning Is So Darn Hard and How Toad Can Help** *With Gary Jerep* What is it about performance tuning that makes it so difficult? Solutions Consultant Gary Jerep will provide insight into why query and index optimization is so challenging. He'll also demonstrate the Quest Software approach to tuning, so you can see how to simplify your work.
1:30 – 2:00 PM	**Break**	**Why & How to do DevOps** *With Dost Muhammad, Microsoft* In this talk we will talk about the backbone of core engineering principal of DevOps. We will discuss why companies embark on transformation and benefit from cultural changes for DevOps. We will discuss how we work with DevOps, How we architect DevOps and shed light our engineering system at Microsoft.	**Break**

2:05 – 2:50 PM	**The DBA in the Virtual World** *With Darren Mallette* Databases and applications are not islands in a calm sea. They run as part of a bigger infrastructure, perhaps as a VM on-premises or in the cloud. Poor conditions impact the availability and performance of databases and applications. See how to visualize, analyze and optimize the bigger environment to reduce complexity, improve performance and troubleshoot issues.	**Need to Secure Your SQL Server DevOps CI/CD Pipeline?** *With John Pocknell* Protecting sensitive and personally identifiable (PII) data is challenging in a DevOps CI/CD pipeline. Quest database management, security and compliance solutions for SQL Server increase the velocity of SQL Server database changes and ensure compliance throughout the development lifecycle. See how easy it is to provision and mask data in a DevOps CI/CD pipeline and ensure you can audit data changes across the environment.	**Do You Feel the Need… the Need for Speed in Your SQL Server Database? Are You Frustrated with Your Tuning Efforts?** *With Janis Griffin* Query tuning is key for SQL Server performance. But root-cause identification and resolution can be challenging and time consuming. See how Foglight can help you find which queries to fix and quickly rewrite them. Regardless of the complexity of your database or your skill level, this approach will lead you down the correct tuning path, saving hours on tuning queries and optimizing SQL Server performance.
2:55 – 3:45 PM	**Unlock Your Oracle Data: Replication to Azure** *With Clay Jackson* Most large and medium companies have at least some data stored in an Oracle database. Many use the data analytics tools in Microsoft Azure. The challenge is how to make that Oracle data available to data scientists using the Azure platform. Learn how to use Quest® Toad® Data Point and SharePlex® by Quest® to create and update a replica of your data in Azure SQL, which is the "gateway" to Microsoft Analytics.	**DevSecOps 101 and How Solutions Like Stat® by Quest® Help Secure Systems and Sensitive Data** *With Dennis Nelson* 2019 saw 1,506 reported data breaches and 165 million sensitive records exposed (Clement, 2020). Actual numbers are likely higher than those reported. As regulatory requirements and potential fines around sensitive data increase, there's focus and investment in securing sensitive data. We'll explore DevSecOps concepts and processes and how Quest solutions help.	**The Accidental DBA – The Transition to Open Source and NoSQL** *With David Orlandi* One day, you "accidentally" became a SQL Server DBA. Now, you've "accidentally" become a multi-platform DBA. It can be overwhelming. If you've been thrust into the open-source or NoSQL arena, maintaining availability and performance, you're not alone. We'll explore how Foglight can help and dive into open-source and NoSQL technologies. You'll see how Foglight simplifies performance scenarios in MySQL, PostgreSQL, MongoDB and Cassandra. You'll learn how to efficiently monitor cross-platform database health.
3:45 – 4:00 PM	**Closing**	