"The Problem with Percentiles" & *"Object Storage"*

Southwest CMG Webinar
Wednesday, Feb 6, 1-2pm CST

You are invited to a 1-hour Southwest CMG webinar. We're excited to have the following two 30-minute presentations and speakers:

#1 The Problem with Percentiles – Aggregation brings Aggravation, Histograms bring Help

Presenter: Fred Moyer, Developer Evangelist @ Circonus

Abstract: Median, average, 90th, 99th percentile. We've all seen these metrics on our monitoring systems, both open source and from commercial vendors, but often they are used incorrectly when constructing Service Level Objectives and evaluating other business objectives with statistics. I'll show how you can calculate these aggregates the mathematically correct way using histograms.

Bio: Fred Moyer is a Developer Evangelist for Circonus, where he likes to apply math to ridiculously large sets of data. Fred is a recovering Perl and C programmer, and these days likes to hack in Go and is learning Lua. He is a 2013 White Camel award winner, Apache Software Foundation member, and has worked in software engineering and reliability roles for the last 18 years.

#2 Object Storage Basics and Performance Testing

Presenter: Colette Downey, Performance Engineer @ Caringo

Abstract: In this webinar we will review the basics of object-based storage - how it works and how it can benefit organizations that have large amounts of unstructured data that needs to be managed, protected and stored. We will then discuss best practices for performance testing on object storage and will review Caringo's recent benchmark testing of object storage on a multi-Terabit converged Ethernet Software-Defined Storage Super Data Cluster deployed by the UK Science and Technology Facilities Council's (STFC) Scientific Computing Department (SCD) for the JASMIN project.

Bio: With almost three decades as a Performance Engineer for complex systems, Colette Downey has been with Caringo, the pioneer in Object Storage technology, since 2007. Ms. Downey is skilled at thoroughly researching problem space and understanding the many aspects of a problem, identifying user requirements, leading implementation teams and educating users. Ms. Downey graduated Cum Laude with a Bachelor of Science in Electrical Engineering from the Rensselaer Polytechnic Institute in Troy, New York.