# Track 4: Storage Management Abstracts

**Session 1: Storage Management Track Kickoff: The Pivotal Role of Storage in the Modern Data Center**
Mike Griese, Storage Product Development, IBM USA

The volume, velocity and importance of data have increased dramatically during the past few years, to the point where most backup and archiving solutions can't keep up with the scalability, functionality, performance, reliability and budget realities of today and tomorrow. This session will show how IBM Tivoli Storage Software Solutions are evolving to stay well ahead of these challenges. Attendees will learn about the range of IBM solutions that can help address the challenges of the modern data centre including how to leverage a unified management platform and how storage plays a significant role in adapting to cloud and delivering service continuity while maintaining control of IT costs.

**Session 2: The Butterfly Effect. How to find out the true cost of protecting you data and how IBM can help you mitigate risk from data migrations**
Robert MacEarchern, Tivoli Storage Leader IBM A/NZ

Protecting data is a core tenet of every organisation but as data volumes grow the hidden costs of backup can spiral out of control. Come and learn how companies around the world have used Butterfly to understand these costs, build business cases in days versus months and eliminated the "pain of change" when migrating from one vendor to another.

>   Robert MacEachern is the Tivoli Storage Leader responsible for Data Protection and Storage Management activities across Australia and New Zealand. Prior to joining IBM Software Group, Rob spent 8 years in a key UK services partner, delivering 'Backup as a Service' to remote users through TSM, and as a Storage Solution Specialist working with end users to identify how their challenges could be met through a combination of hardware and software.

**Session 3: Managing Data Growth Through Low Cost Archiving**
Steve Wotten, SKY TV

SKY is the pre-eminent pay television broadcasting service in New Zealand, reaching 48% of residential households across the country. SKY uses programme content from many sources, including producing much of its own content, such as sports programmes. As you can imagine, this results in some eye-watering volumes of HD Video footage! Attend this session to understand how SKY use IBM storage solutions to archive large volumes of data, managing data growth and reducing the cost of storage across their environment by moving data across the storage tiers.

**Session 4: IBM SmartCloud Virtual Storage Centre**
Trevor Foley, Storage Solutions Specialist IBM Australia and New Zealand

Storage virtualization and management go hand in hand in today's data centres. With server sprawl now under control due to the success of server virtualization, IT organisations are moving on to optimise their next big expense, the storage infrastructure. IBM is well positioned to help lead the charge in this movement with our flagship products, IBM SAN Volume Controller and IBM Tivoli Storage Productivity Center.

>   In his current role as a storage solutions specialist, Trevor specialises in designing storage solutions for customers in Australia and New Zealand using IBM's range of hardware, software and services capabilities. Trevor has been with IBM for over 11 years and in the IT industry for over 30 years, specialising the in the systems management area, and in particular storage management. Trevor has co-authored two IBM Redbooks on storage management and has presented at numerous IBM and industry events. He is IBM Certified in IBM Tivoli Storage Manager, IBM Tivoli Storage Manager FastBack and IBM Tivoli Storage Productivity Center. Trevor holds a Bachelor of Business Studies from Monash University completed in 2000.

### Session 5: Storage Management for Virtual Environments
Jacques Butcher, Senior IT Specialist, Tivoli Storage, TSM, TPC, FastBack and Related Solutions, IBM Australia

Today`s rapidly expanding virtual server environments are generating a massive amount of information. The need to protect and restore that information -- without disruption to other operations on the server -- has become a business imperative. This session will review best practices and capabilities which enable Tivoli Storage Manager for Virtual Environments (TSM VE) to execute parallel backup and restore operations on multiple virtual machines simultaneously. Rapid backup and recovery of block level, file, volume or image for a VMWare server using TSM VE will also be discussed.???

> Jacques Butcher joined IBM in August 2010 and is currently fulfilling his role as a Client Technical Professional (CTP) at IBM.  Before joining IBM he worked for various premier business partners in South Africa and Australia. Jacques has over 12 years IT experience.  Over 10 of these whilst specialising in IBM Tivoli Storage products and solution. Jacques holds an IT diploma and is also certified in all IBM storage products including IBM Tivoli Storage Manager, IBM Tivoli Storage Manager FastBack and IBM Tivoli Storage Productivity Center.  Jacques is also a certified instructor and has lectured numerous official IBM Tivoli Storage training courses for IBM in EMEA and AP.

### Session 6: Creating a Cloud Storage Service
Deon George, Technical Solutions Specialist, IBM Asia Pacific

Many organisations are looking to secure their data through the use of storage services. Come and find out how organisations are implementing Backup as a Service, out-tasking backups with guaranteed backup success rates and utility-based pricing.  If you are in the business of building cloud solutions, this session will show you how to create a service that can meet the needs of your clients. If you're managing your own environment, understand how service providers are minimising the cost of backup and their techniques that can be applied in to your private storage environment. This session will give you practical recommendations that could save your company a pile of money.

> Deon George is the Asia Pacific Technical Sales Enablement lead for Tivoli Storage Products. Deon has been with IBM for 14 years and prior to his current role was the Australia/New Zealand Tivoli Storage Technical Pre-Sales specialist. He has been providing technical support and selling Tivoli Storage Manager, Tivoli Storage Productivity Center and IBM San Volume Controller for the last 12 years, including authoring four IBM Redbooks (two specifically on the San Volume Controller) and a Redpaper. Deon has been working in IT for the last 25 years, and has extensive SAN, LAN and virtualization experience.

### Session 7: Best Practices For Upgrading to TSM 6
Steve Mann, Tivoli Storage Managing Consultant, IBM SWG Support Services
Joe Cho, Technical Solutions Specialist, IBM SWG Channels, IBM Australia and New Zealand

Have you been putting off your TSM 6 upgrade, well don't delay anymore, come along to this session and see the various options available to you to move to TSM 6.3 and take advantage of all the new and exciting features. This presentation will provide a overview of the storage and system configurations you should consider for the TSM 6.3 upgrade and the steps required for a successful implementation. This session is based on our experiences with real customer upgrades and implementations, this session will help you getting the planning right and avoid any potential pitfalls.

> Steve Mann is a Managing Consultant in IBM Software Group Services. He primarily focuses on the Tivoli storage family of products. Steve has over 25 years of experience in the IT industry and 14 years working in IBM software services with Tivoli. He is also Tivoli and SNIA certified. He  provides planning, implementation and upgrade services for customers and has also coauthored a number of IBM redbooks.

### Session 8: Hot Solutions for Managing your SAN
Mike Griese, IBM USA

Understand how IBM's storage hypervisor platform consisting of SAN Volume Controller and the newest updates to Tivoli Storage Productivity Center can help pool physical resources for high utilisation, enable full VM mobility across heterogeneous tiers of storage, and manage more storage disks without a growth in headcount.  Lower TCO through storage tiering and reduced administration, while meeting internal compliance policies.