

A world map composed of small green dots is centered in the background. The map is rendered in a light green color against a darker green background. The bottom of the slide features a decorative wavy border with a blue-to-yellow gradient.

TSM 6.3 New Features and Functionality

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Outline

- **Server updates**
 - *Scalability/DB migration*
 - *TSM Node Replication*
 - *Remote client deployment*
 - *Admin Center*
 - *Other new features*
- **TSM for VE**

Scalability

- TSM now uses DB2
- What does this mean?
 - TSM DB size can grow to approximately 2 TB in TSM 6.3*
 - Much less performance degradation the larger the DB grows
 - DB tuning is handled by DB2 automatically

Node replication

- TSM 6.3 now includes node replication for its clients
 - Provides failover during a TSM server outage or other disaster recovery type situation
 - Replaces need for import/export of client node data between servers
- Client nodes earlier than 6.3 can also be replicated

Remote B/A Client Deployment

- Remote deployment in 6.2 was Windows only
- TSM 6.3 client deployment includes all non-Windows supported systems
 - Non-Windows clients 5.5 and above
 - Windows clients at 5.4 and above
- Deploy using the Admin Center

Admin Center

- Monitor client performance data during backup and restore
 - Find bottlenecks
 - View performance information about processor, disk, network utilization, and performance data that relates to data transfer rates and data compression
- TIP v2.1 is used for the GUI
 - Installing Tivoli Common Reporting, embedded security service, or the time scheduling service are optional

Deduplication

- TSM 6.1 server side dedup to disk pools
- 6.2 client side dedup
- 6.3 adds dedup support for NetApp backups

Reporting and Monitoring

- TSM R&M introduced in 6.1 using a BIRT backend
- TSM 6.3 now uses a Cognos backend
 - Report on client backup performance

TSM for Virtual Environments

- TSM 6.2.2 brought TSM for Virtual Environments
 - Host-level backup with file-level granularity
 - Simplifies VM backups
- TSM for VE 6.3
 - New vCenter plugin to kick off backups from the vCenter console

Other Feature Updates

- NetApp snapdiff backups (6.2)
- Progressive incremental backup of system state for Windows machines (6.2)
- Multistream DB backup and restore processing on the TSM DB(6.3)
- QUERY PVUESTIMATE command to help in estimation of PVUs for licensing purposes(6.3)



Questions?

