

Configuring and Monitoring NetApp E-Series and EF-Series Storage Systems (COMNESES)

Module 1: Introduction to E-Series and EF-Series Storage

- E-Series and EF-Series storage products
- SANtricity management interfaces
- SANtricity storage manager
- SANtricity unified manager
- System manager overview

Module 2: E-Series and EF-Series Functionality

- Configuration and I/O Operations
- Cache and battery operation
- Data assurance
- Media scan
- Drive security

Module 3: Configuration Concepts and Initial Setup

- Host-Side configuration concepts
- Disk-side configuration concepts
- Pool and volume group configuration concepts
- Initial setup steps
- Additional setup steps

Module 4: Volume Group Administration

- Volume groups
- Creating volume groups and volumes
- System administration tasks
- Managing volume group disks

Module 5: Pools Administration

- Pools
- Creating unsecured disk pools and volumes
- Creating secure pools
- System administration tasks
- Managing disk pool disks

Module 6: SSD Cache Administration

- SSD Cache overview
- SSD Cache administration

Module 7: Snapshot Administration

- The SANtricity Snapshot Feature
- Snapshot administration
- Snapshot volume operational sequences
- Snapshot volume administration

- Snapshot consistency group administration

Module 8: Copy Volume Function

- Copy volume function overview
- Copy volume administration

Module 9: Mirroring Administration

- Mirroring technology
- Synchronous mirroring
- Synchronous mirroring administration
- Asynchronous mirroring
- Asynchronous mirroring administration
- SANtricity feature considerations

Module 10: Data Collection and Monitoring

- Resources for collection and monitoring
- Storage array component information
- AutoSupport support tool
- Informational files
- Performance monitoring

Module 11: General Administrative Tasks

- General administrative tasks
- Alert management
- Storage array, controller and drive tasks
- Managing upgrades

Appendix A: E-Series Configuration tools and Resources

- Interoperability matrix tool
- Performance sizing
- Config advisor
- Synergy
- SANtricity Unified Manager support center
- SANtricity system manager support center
- SANtricity cloud connector