

DELL EMC ADVANCED MONITORING & REPORTING SERVICES

Manage, Automate and Predict Your Environment

ESSENTIALS

- Applications are becoming ever more complex and interconnected and at the same time consuming increasing amounts of storage.
- Dell EMC's Advanced Storage Monitoring & Reporting Services offers organizations an opportunity to transform their end-to-end storage environment through the reporting, monitoring and automation of operations.

BUSINESS CHALLENGES

As today's application environment becomes more complex and data storage requirements continue to grow, service is becoming more complicated to deliver. As a result, storage teams are seeing a number of challenges develop:

- Cost-transparency is being demanded from the IT organization
- Consistent performance is a requirement for new applications
- A focus on savings is reducing storage capacity purchases
- Accurate reporting and IT service transparency is in full demand
- An increasing number of application incidents is occurring
- Recovery of individual data-sets are incomplete and hard to reconcile
- Application back up is becoming a high priority
- Growing uncertainty that backup services match real business requirements

SERVICE DESCRIPTION

The ViPR® SRM suite in conjunction with Dell EMC® Consulting Services delivers the end-to-end transformation needed to improve operations dramatically and provide a comprehensive approach to managing, automating and predicting all aspects of storage operations including performance, capacity and compliance. Dell EMC Consulting Services offers the following design and configuration services to address critical use cases:

APPLICATION TO INFRASTRUCTURE MAPPING FOR VIPR SRM

Because many IT organizations lack a clear view of how applications are linked to storage and how it consumes infrastructure, the first step is to get an end-to-end view. With this in place, IT now has the information needed to ensure that SLAs are met and that achievements are reported on accurately.

PERFORMANCE TRENDING AND REPORTING

It is often difficult to monitor application performance and storage capacity. By monitoring end-to-end application infrastructure performance and mapping storage

utilization across the application stack, teams can troubleshoot issues and predict storage needs much more effectively.

APPLICATION CHARGEBACK REPORTING

Providing transparent and accurate consumption and charge-back information can be tricky. This service makes use of the application infrastructure mapping and application performance and capacity monitoring use cases above to provide clear and comprehensive reporting of costs associated to applications.

STORAGE CAPACITY ALERTING

Storage pool exhaustion is a source of incidents and potential downtime for applications and storage teams. Automated alerting based on capacity trend analysis allows the storage team to increase pool capacity before it becomes an issue and address any growth problems.

SLA ACHIEVEMENT REPORTING

Ensuring compliance of critical applications is crucial. By monitoring the infrastructure configuration for applications and building in compliance manager policies, an exception report can be built to quickly ensure compliance with OLA and SLA requirements.

STORAGE CONFIGURATION MANAGEMENT

Identifying the precise configuration of applications is not always clear and easy to understand. This service identifies unauthorized changes and provides a historical view of those changes. This enables more effective troubleshooting, root cause analysis and roll back of the changes that lead to issues.

DATA PROTECTION COMPLIANCE

Demonstrating that application backup is in compliance with SLAs can be complicated. This service implements policy monitoring of application backup for analysis and generates custom reporting on accurate backup costs.

SUMMARY OF BENEFITS

Improving transparency to enable monitoring, reporting and forecasting of future storage requirements all have a profound impact on elevating the level of service delivered to the business. Dell EMC Services enables and accelerates these transformative changes and in doing so frees up time for IT organizations to do what they do best: focusing on long-term improvement activities that will deliver even greater innovation and value to the business.

CONTACT US

To learn more, contact your local representative or authorized reseller.

