



Brocade Tapestry ARM provides an innovative solution for rapid system deployment and manual system failover—enabling greater workload mobility, higher availability, and lower IT cost/complexity.

## TAPESTRY APPLICATION RESOURCE MANAGER

### HIGHLIGHTS

- Streamlines system deployment to improve time-to-market for critical projects
- Increases data center agility by enabling anytime, anywhere system deployment at faster speeds
- Lowers operating costs by automating time-consuming, error-prone manual tasks with easy point-and-click management
- Provides an extensible foundation for manual failover today and greater automation in the future
- Improves ROI through simplified system failover at significantly lower cost and complexity than traditional clustering configurations
- Enables best-practice operations with centralized, template-based administration in Windows and Linux environments

### An Innovative Tool that Saves Time and Money

As a leader in today's Storage Area Network (SAN) marketplace, Brocade® continues to develop innovative solutions that help organizations simplify and improve the efficiency of their IT infrastructures. One highly strategic solution, Brocade Tapestry™ Application Resource Manager (ARM), uniquely solves some of the most difficult data center challenges, including how to reduce IT complexity, increase productivity, and provide a fast Return On Investment (ROI).

Tapestry ARM leverages proven Brocade SAN expertise to streamline system deployment and increase resource utilization throughout the data center. Utilizing the flexibility of the SAN, Tapestry ARM reduces complexity by automating common system deployment and management tasks. This unique approach significantly reduces the manual effort and time to deploy or reprovision systems in dynamic Windows and Linux environments that utilize x86-based rack-mount and blade servers.

#### RAPID SYSTEM DEPLOYMENT

Tapestry ARM consists of hardware (Tapestry ARM Appliance) and software (Tapestry ARM Service Processor) components that easily integrate into existing Brocade SAN environments to help organizations deploy and manage their IT systems in a more rapid and flexible manner. Using Tapestry ARM, organizations can address key business challenges by automating many of the complex and error-prone manual processes used in traditional system deployment.

For example, Tapestry ARM leverages the SAN to manage a given workload (operating system, application, and application data set) that can be assigned or reassigned in minutes. In this way, organizations can rapidly assign workload by simply “pointing” to any available processing element (a server capable of running an operating system instance) and automatically managing the linkages across the SAN. As a result, workload is no longer tied to a specific physical system.

# TAPESTRY APPLICATION RESOURCE MANAGER

The increased mobility and rapid deployment capabilities provide a strong foundation for manual system failover that reduces application downtime. In fact, organizations can redeploy workload from one system to another while maintenance is being performed. This capability provides many of the benefits of traditional clustered configurations without the associated complexity. Lowering or eliminating the overhead of expensive redundant clustered hardware also helps reduce data center operating costs.

## SIMPLIFIED INFRASTRUCTURE MANAGEMENT

Tapestry ARM leverages breakthrough technologies and an extremely scalable framework to reduce the need for acquiring additional equipment and highly trained staff. To ensure comprehensive management,

organizations can easily integrate Tapestry ARM within their existing enterprise management frameworks.

Tapestry ARM also helps organizations gain control over dynamic IT environments to improve disaster recovery and comply with industry regulations and business objectives. For instance, Tapestry ARM supports higher levels of data integrity and availability through enhanced change management, reporting activities, service level agreement attainment, and overall system stability.

## HIGHER ADMINISTRATOR PRODUCTIVITY

To minimize the manual effort and time required to complete common system management activities, Tapestry ARM provides a fully automated GUI, easy point-and-click actions, and template-based

operations. The automated functions reduce expenses by freeing up valuable staff and equipment resources, as well as bringing new systems online faster and with less effort. In many cases, this simplified approach reduces previously time-consuming tasks to a matter of minutes. As a result, Tapestry ARM helps set a new standard for efficient system deployment.

## FLEXIBLE DATA CENTER DEPLOYMENT

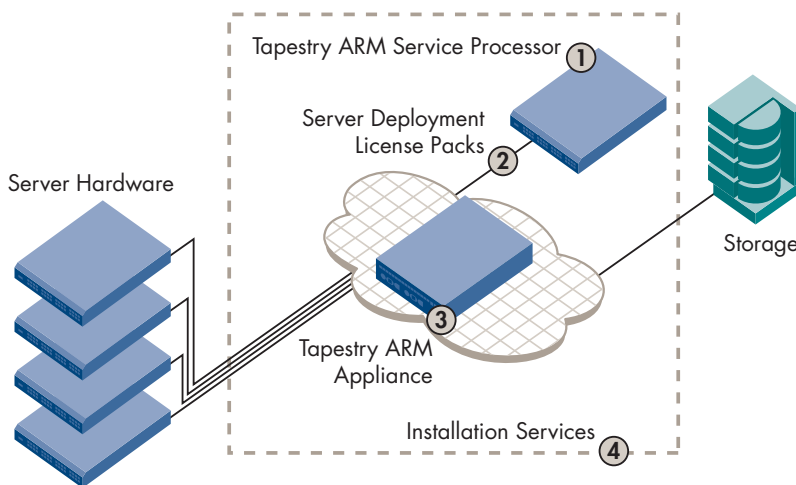
A typical Tapestry ARM deployment includes the following components (as shown in Figure 1):

1. Tapestry ARM Service Processor running on x86-based rack-mount or blade servers
2. Server Deployment License Packs (for 25 or 50 servers) in Windows and Linux environments
3. Tapestry ARM Appliance deployed in a Brocade homogenous SAN fabric with attached storage
4. Brocade Professional Services installation services

For the most current list of supported servers, storage arrays, and Host Bus Adapters (HBAs), visit [www.brocade.com/products/tapestry/ARM.jsp](http://www.brocade.com/products/tapestry/ARM.jsp).

## MAXIMIZING INVESTMENTS

Brocade and its partners offer complete solutions to meet a wide range of technology and business requirements. These solutions include education and training, support, service, and professional services to help optimize technology investments. For more information, contact an authorized Brocade sales partner or visit [www.brocade.com](http://www.brocade.com).



**Figure 1.**  
Typical Tapestry ARM deployment in the data center.



### Corporate Headquarters

San Jose, CA USA  
T: (408) 333-8000  
[info@brocade.com](mailto:info@brocade.com)

### European and Latin American Headquarters

Geneva, Switzerland  
T: +41 22 799 56 40  
[emea-info@brocade.com](mailto:emea-info@brocade.com)

### Asia Pacific Headquarters

Singapore  
T: +65-6538-4700  
[apac-info@brocade.com](mailto:apac-info@brocade.com)