



SERVICE DESCRIPTION

Residency Service: Storage Management Architect

Service Background and Overview

Current NetApp® technologies can deliver huge gains in efficiency and flexibility, but poor operation might mean that these gains are not fully realized. NetApp Residency Services address these issues by providing NetApp skilled and certified residents on site.

The Storage Management Architect (SMA) Residency Service is delivered in the form of a fixed-price engagement specifically designed to supplement the customer's internal staff. NetApp SMA personnel deliver the skills, knowledge, and expertise needed to meet specific customer objectives and to maximize the investment that the customer has made in NetApp technology.

The SMA Residency Service may be purchased directly from NetApp or through a NetApp authorized reseller. The SMA Residency Service is provided on a fixed-price basis in accordance with the terms of this service description, in connection with the NetApp manufactured or distributed equipment that is owned or licensed by the customer, as well as other third-party equipment.

Scope of Professional Services

NetApp will provide a dedicated SMA to perform the Professional Services specified in this service description. If this service description does not meet the customer's requirements, a statement of work (SOW) is necessary. The SMA is available to work on site or remotely, at the direction of the customer, during normal business hours. The SMA's location and the duration of the schedule of performance are defined in the NetApp sales quotation.

The essential functions of the SMA will be to assist the customer with architecting the storage environment for performance, availability, recoverability, scalability, and capacity planning by using IT Infrastructure Library processes. The SMA will collaborate with the customer's staff to assist the customer through on-site or remote support, including:

Architecture

- Design and architecting of the customer's storage solutions
- Documentation to include standard operating procedures
- Testing and validation in either customer or NetApp labs
- Optimization, including upgrades, performance monitoring, and system audit tasks
- Technical leadership in providing mentoring and guidance to other technical team members
- NetApp best practices implementation within the customer environment
- Training for the architecture team and backups

Technical capabilities

Examples of the typical technical skill sets of the SMA personnel include:

- NetApp Certified Data Management Administrator (NCDA), formerly NACE
- NetApp Certified Implementation Engineer (NCIE) with specialization
- Industry-recognized certifications
- Design and architecture training
- Expertise to assist customer with service design, including:
 - Service-level management
 - Capacity management
 - Availability management
- Knowledge to participate in customer's weekly change management meetings
- Ability to assist customer in modifying NetApp scripts*

***Note:** NetApp has no obligation to provide support or maintenance in relation to any scripts created in the performance of Professional Services under this service description. Any and all future activity for troubleshooting, additions, or changes requested after completion of the schedule of performance must be requested in writing by the customer and will be billed at NetApp's then-current time-and-materials rate.

Out-of-scope services

The SMA is not intended to perform consulting services about storage systems. Those services are available as additional services. Some examples of other out-of-scope services include:

- NetApp University product training
- High-availability or performance configurations and testing
- Major assessments related to performance and tuning
- Physical moving of equipment

SMA standard workweek

NetApp will provide the customer with flexibility in regard to the definition and scheduling of the work performed by the SMA, while preserving a work environment that will be acceptable, sustainable, and growth-oriented for the SMA. NetApp's workweek for each SMA resource is based on a prescheduled, 40-hour week made up of 8-hour days that are scheduled during customary business days and work hours (for example, from Monday through Friday, from 7 a.m. through 6 p.m.) in the customer's local time zone.

If the customer has work that must be performed outside this time frame, the customer must notify NetApp in writing at least five business days in advance so that resources may be scheduled accordingly. The customer does not plan on incurring overtime under this service description and will provide compensatory time if any overtime is worked. However, if at any time the customer exceeds the normal daily or weekly hours without scheduling compensatory time off, the customer and NetApp project leads will review the Professional Services schedule to determine whether a change request should be initiated to address the additional effort.

If the customer requires adjustments to the workweek, NetApp must provide prior written authorization for any SMA resource allocations that:

- Exceed the standard 8-hour workday by more than 2 hours
- Are scheduled for work outside of normal local business hours

Nonwork SMA activities

The SMA will be allowed time for the following activities outside of the SMA's work at the customer's location without the requirement for an SMA backup:

- Customer holidays
- Sick leave
- Paid time off
- Professional meetings and conferences
- Professional training

Schedule of Performance

The estimated Professional Services start date is approximately four weeks from the date of the customer's approved purchase order. If performance of the SMA does not commence within one year of the purchase order date, the order will automatically terminate in the absence of a written change request. The Residency Service requires delivery to be consecutive months after the actual Professional Services start date. The quantity of consecutive months is identified in the NetApp sales quotation. The customer and NetApp will mutually agree on schedules for on-site visits for the Residency Services.

Assumptions and Responsibilities

Assumptions

- NetApp is not responsible for any application or host system access that encompasses coding, scripting, application analysis, system performance, troubleshooting, or application logins outside of the Professional Services expressly described in this service description.
- NetApp and the customer will provide a contact who will be responsible for coordinating and managing obligations under this service description.

Customer responsibilities

Completion of the Professional Services by NetApp is contingent upon the customer's fulfilling the following responsibilities for the duration of this service description. Any inability to fulfill or delay in fulfilling these responsibilities may require a written change request.

Environment

The customer will obtain or prepare:

- All required hardware and software.
- All necessary facilities arrangements, which may include such items as power, network connections, floor space, and cooling.
- Adequate on-site access to office space, equipment, and telephones with outside lines and standard Internet and remote access.
- Security passes to allow NetApp personnel to enter and exit customer sites with laptops and any other relevant materials.

Data environment

The customer will be responsible for:

- Any business and data application testing and all necessary data backup in preparation for and during the performance of this service description.
- Management and adequacy of data backup, data recovery, and disaster recovery measures. Notwithstanding anything to the contrary, NetApp will not be responsible or held liable for any customer internal processes, procedures, or requirements or otherwise to make sure of protection against the following:
 - Loss or corruption
 - Availability
 - Confidentiality
 - Resulting project delays or customer downtime
 - Security, or lack thereof, of data or information

Information and expertise

The customer will make available to NetApp staff:

- Documentation and information that are accurate, complete, and up-to-date.
- Knowledgeable staff and system administrators by pager, telephone, or cell phone. These contacts are to provide background information and clarification of information required to perform the Professional Services.

Communication

The customer is responsible for all communication to the customer's internal users, including notification of maintenance and migration windows, as required.

Licenses

The customer will have obtained any and all permissions and licenses from third parties that are necessary for NetApp or a NetApp subcontractor to successfully perform the Professional Services and hereby grants NetApp and its subcontractors all necessary licenses for NetApp or a NetApp subcontractor to successfully perform the Professional Services.

Change Process

- Changes to this service description will be documented in a change request.
- Any renewals or scheduling adjustments that affect the fees will require a new NetApp sales quotation.
- Implementation of any additional services that affect the pricing will require an approved customer change order to the customer's existing purchase order or an additional purchase order.

Incorporated Terms

In the absence of an effective written agreement between the parties, expressly governing the Professional Services, this service is governed by the standard NetApp Professional Services terms, posted at www.netapp.com/us/how-to-buy/stc.html as of the sales quotation date (NetApp standard Professional Services terms), which are incorporated herein by reference. If the customer wants to negotiate any of the terms herein, a NetApp SOW is required.