



Konehuone

Spectrum Storage Suite

Planning and implementation

22.3.2018

Description of service

Within the scope of this consultation as defined in this description, Konehuone will perform workshops, implementation planning and implementation of IBM Spectrum Storage Suite components and test that the implemented solution is suitable for production.

The service includes planning, consultation and installation work done at the customer's premises, as well as guidance before starting production.

Konehuone shall appoint an expert who acts as primary contact providing the service to the customer. This person will carry out the project together with customer as defined in this service description in the agreed schedule. Depending on the scope of the project, Konehuone may appoint a project manager, who coordinates the project to ensure the timetable of the installation.

Content

All of the described services will be done during hours (8:15-16:30) if not otherwise mutually agreed.

Service includes:

Workshop with an agenda:

- Prerequisites for implementation
- Understanding of customer need for various suite components
- Planning of installable components
- Planning of backend storage components
- Deciding the appropriate solution
- Compatibility of suite components reflecting to customer infrastructure
- Forming a project team
- Timetable and installation plan
- Test plan
- Go-live plan for suite components

Workshops are carried out for every implemented solution and a work estimate for every component is approximately 1 day.

Implementations are carried out according the plan done the in according workshop. The content of the implementation of suite components are described below.

The implementation of Spectrum Virtualize solution contains:

- Physical delivery, racking and cabling
- Creation of cluster
- Configuration of cluster
- Configuration of call-home functionality
- Assisting in configuration of backend storage
- Allocation of backend storage to Spectrum Virtualize
- Configuration of pools and disk volumes
- Allocation of capacity to clients

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- Comprehensive availability testing
- Training of customer staff
- Documentation

The implementation of Spectrum Protect solution contains:

- The installation of Spectrum Protect software
- The installation of appropriate fixes
- Checking the software compatibility with operating system
- The installation and configuration of backup solution
- Performance optimization of backup solution
- Installation and optimization of Protect database
- Configuring tape robotics
- Configuration and optimization of diskpools
- Configuration and optimization of tapepools
- Configuration of backup policies
- Include/exclude policies
- Backing up the Protect database
- Installation of two backup clients
- Comprehensive testing
- Training of customer staff
- Documentation

The installation of Spectrum Control contains:

- The installation of Spectrum Control software
- Checking the software compatibility with operating system
- The installation of appropriate fixes
- Basic configuration of Spectrum Control
- Configuration of basic reports
- Configuration of extended and custom reports
- Evaluation of additional reports
- Training of customer staff
- Comprehensive testing
- Documentation

The installation of Spectrum Scale contains:

- The installation of Spectrum Scale software
- Checking the software compatibility with operating system
- The installation of appropriate fixes
- Configuration of backend storage
- Configuration of SAN network
- Configuration of Scale clients
- Configuration of cluster
- Comprehensive availability and performance testing
- Training of customer staff
- Documentation

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The installation of Spectrum Control plus contains:

- The installation of Spectrum Protect Plus software
- The installation of appropriate fixes
- Checking the software compatibility with operating system
- The installation and configuration of backup solution
- Performance optimization of backup solution
- Configuration of backup storage
- Configuring vCenter connection
- Configuration of backup policies
- Include/exclude policies
- Configuration of client policies
- Comprehensive testing
- Training of customer staff
- Documentation

The installation of Spectrum Cloud Object Storage contains:

- The installation of Cloud Object Storage software
- The installation of appropriate fixes
- Checking the software compatibility with operating system
- Configuration of backend storage
- Creating the Storage pool
- Creating the vault
- Configuring Access Security
- Availability testing while manager is down
- Behaviour testing at read write threshold
- Testing upgrade
- Testing distributed rebuilt functionality
- Training customer staff
- Comprehensive documentation

The installation of Spectrum Accelerate contains:

- The configuration of VMware virtual machines
- The installation of appropriate fixes to VMware clients
- The installation of Spectrum accelerate software
- The installation of appropriate fixes
- Checking the software compatibility with operating system
- The installation and configuration backend storage
- Performance optimization configured storage
- The configuration of Accelerate pool
- Configuration of snapshots
- Configuration of replication
- Configuration of multitenancy
- Configuration of QoS
- Comprehensive availability testing
- Comprehensive documentation
- Training of customer staff

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The installation of Spectrum Archive contains:

- The installation of Spectrum Archive LE
- The installation of HSM
- The installation of appropriate fixes
- Checking the software compatibility with operating system
- The installation and configuration of backend storage for archive
- Performance optimization of archive solution
- Configuration of archive policies
- Configuration of snmpd
- Include/exclude policies
- Configuration of client policies
- Comprehensive testing
- Comprehensive documentation
- Training of customer staff