Network Detailed Planning & Design

HPE Packaged Consulting Services

"Better informed, better decisions…

Better outcomes!"

Planning and designing the foundations for a 'smart platform' around your business is key to the success in deploying and operating a modern multi-service network. HPE network consulting has successfully helped maximize the investment potential for customers ranging from small to medium enterprises to global corporates to achieve optimal solutions

Service Benefits

Design a network foundation or 'Smart Platform' around your business, not technology

Your business should be able to leverage network technology to provide applications and services in a versatile, timely and agile manner. These may include

- Mobility
- Cloud services – integration with public, private and hybrid clouds
- Optimise networks for performance and user experience
- Align application security to compliance and governance requirements
- Develop IPv6 foundations to support future applications and new world services
- Unified Communications (Voice, Video, Media streaming)

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Planning
HPE network project managers and consultants will work with you in determining real tangible requirements based on business needs not technology. This would include identifying issues and risks, environmental constraints and requirements for critical success factors.

The planning phase is essential in understanding what needs to be provided today and as an adaptable platform for the future.

Design
There are often many solutions for the same set of requirements. How do you determine the best solution?

The key to the best solutions are those that are simple, effective, manageable and perform optimally.

HPE will look to enhance potential designs by exploiting features providing maximum performance and agility whilst simplifying processes through intelligent management tools.

Implementation
Producing a Detailed Level Design outlining the requirements and how these will be delivered, will be developed into an implementation plan. This will include integration with third party products, and optionally migration planning for transitioning services from a legacy environment.

System Acceptance Testing
A comprehensive set of tests to ensure the functionality defined by the Detailed Level Design meets the initial requirements and specifications

Collaboration
HPE working with existing design and support staff for knowledge transfer of products and solutions.

Leverage skills and experiences of HPE network consulting in the integration of multi-vendor network products giving you best of breed solutions, whilst ensuring network assets are used to their full potential through:

- Features
- Performance
- Versatility
- Agility

Reduce the time to implement solutions leading to a reduction in implementation costs and on time on budget project completion.

- Use Network Management Tools effectively
- Improve productivity through simplicity and improve administration overheads
- Simplify processes leading to speeding up change and reducing costs
- Reduce administration through automation and improve change risk and the 'human delay and error factor'
- Collate and use historical information for capacity planning and budgetary planning
- Manage and produce an audit trail for governance and compliance
- Optimize availability and end user experience
- Ensure all assets are utilised (use what you pay for)
- Reduce manual intervention for failover of critical applications
- Collaborate with Storage and Server teams to produce a coherent Data Centre design to be able to deliver applications globally through multiple access methods and devices
- Increasing availability increases business opportunity

Service Feature Highlights

Service Features
The HPE Network Detailed Planning and Design Service activities may include some of the following:
Initial workshops for planning and design requirements
- Requirements and critical success factors
- Issues and risks
- Environmental constraints
- Third party integration (product and services)

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Detailed Level Design Documentation
- Environmental specifications (power, space, cabling and cooling)
- Hardware and software builds including rack layouts
- Naming conventions
- Physical connectivity with patching schedules and port allocations
- Layer 2 network protocols
- Network addressing schedules
- Layer 3 network protocols
- Security access and network virtualisation
- Network services (DNS, DHCP, NTP etc)
- Quality of Service and Policing
- SNMP, Logging and network management integration
- Network failover

System Acceptance Test
- A comprehensive set of tests to ensure the functionality defined by the Detailed Level Design

Ordering information

Availability of service features and service levels may vary according to local resources and may be restricted to eligible products and geographic locations. The activities outlined in this datasheet will be worked towards by purchasing multiples of the '40 hour on-site service', as such this datasheet makes no guarantee to specific outcomes or deliverables. For more specific information regarding the terms and conditions of this service please contact a local HPE sales representative using the following SKU:

HL263A1 (Networking 40 hour on-site service)

- Reduce Risk
- Speed time-to-value
- Maximise ROI