

IPv6 AND SECURITY ADVANCED SERVICES

In collaboration with My6 Initiative Berhad, key provider of IPv6 - oriented solutions, integration consultancy, and training services in Malaysia.

The cyber security landscape has been changing rapidly over the past ten years. The number of security breaches has been on the rise. Data security breaches now appear to be headline news almost on a weekly basis.

Our IT security services provide the finest solution to our customer; delivered by professional, highly-trained and experienced engineer. We are a group of IT consultants with more than 10 years of in-the-field experiences ranging from network and content security to Data Centre infrastructure. Our goal is to measure an organization's level of resistance to an attack and to uncover any weaknesses within the environment.

We will perform penetration test on the company's IT environment to check for the presence of known vulnerabilities and potential weaknesses. We will simulate a potential intruder attacking the system from the Internet anonymously and/or intruder who gained access to the company's internal network and assess the security posture of the company IT infrastructure and applications.



TIMEFORCHANGE

Our penetration testing will include but not limited to the following areas, where applicable:

- System and network security analysis
- Authentication controls
- System hardening and security assessment
- Penetration testing

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IPv6 CONSULTANCY SERVICES

IPv4 address have been completely depleted, and strategies that will delay migration to **IPv6** – such as carrier grade NAT – are only stop-gap measures in a world that is increasingly dominated by device-to-device communication. Enterprises, equipment vendors and service providers must initiate the process of defining a long-term IPv6 solution.

Oceanmax Datacomms Sdn Bhd IPv6 consultancy services are comprehensive. We cover the full deployment process, from planning through to operation of the completed network. At every stage we have the technical know-how to help you assess and configure your network devices, systems and applications for **IPv6** operation.

Our **IPv6** services will include but not limited to the following areas, where applicable:

- IPv6 Capability Analysis
- IPv6 Network Infrastructure Design Development
- IPv6 Network Infrastructure Implementation

OUR PENETRATION TEST AND VULNERABILITY ASSESSMENT PROCESS

- **Planning and Preparation** - Prepares a definite strategy for the assignment
- **Reconnaissance** - Footprinting and gathering information
- **Enumeration** - Performing port scans and resource identification methods
- **Vulnerability mapping** - Identifying vulnerabilities in identified systems and resources
- **Exploitation** - Attempting to gain unauthorized access by exploiting vulnerabilities
- **Report to management** - Delivering to management documentation of test findings along with suggested countermeasures

Our IPv6 Deliverables Process

IPv6 Capability Analysis

- Network discovery of identified networks
- Determine feature functionality and **IPv6** readiness
- Identify devices on **IPv6** readiness
- Recommendation report

IPv6 Network Infrastructure Design Development

- Information and requirement gathering
- Design
- Documentation

IPv6 Network Infrastructure Implementation

- Planning and design
- Develop a network implementation plan
- Develop a network ready-for-use plan for roll-out
- Roll-out the **IPv6** network
- Provide post-implementation verification, testing and support
- Documentation