Maldives Immigration
Republic of Maldives

Title: Network Engineering Consultant

MALDIVES IMMIGRATION requires the services of a cyber security-oriented data network expert to act as an independent **Network Engineer**.

The Scope of Work

1. To evaluate and assess MALIVES IMMIGRATIONS ICT infrastructure, focusing on the data network component.
2. Establish the networking environment by designing system configuration, directing system installation and defining, documenting and enforcing system standards
3. Design and implement new solutions and improve resilience of the current environment
4. Maximize network performance by monitoring performance, troubleshooting network problems and outages, scheduling upgrades and collaborating with other ICT related departments on network optimization
5. Undertake data network fault investigations in local and wide area environments using information from multiple sources
6. Secure network systems by establishing and enforcing policies, and defining and monitoring access
7. Evaluating and implementing network security protocols, implementing and maintaining security infrastructure such as firewalls, IDS and IPS
8. Designing and implementing DMZ, VLANS and subnets. Methodically segmenting IP ranges and VLANS based on requirements of current operational structure of IMMIGRATION
9. Upgrade data network equipment to the latest stable firmware releases
10. Design VLANS, Subnets, DHCP, DNS and other related protocols with scalability and as required by MALDIVES IMMIGRATIONS
11. Provide remote support to on-site engineers and administrators during installation and maintenance of network systems
12. Undertake capacity management and audit of IP addressing and hosted devices within IMMIGRATIONS domain

Deliverables

1. Document and plan the redesigning of IMMIGRATIONs data network.
2. Coordinate with other ICT departments and implement approved network design.
3. Document and create regular reports on the performance of the network including health of network equipment, network congestion and overall performance of the network on a regular basis.
4. Ensure the security and integrity of IMMIGRATIONs data network, lookout of potential threats and attacks. Monitor and regulate data transmitted and processed by IMMIGRATION staff and customers.

Experience/ Skills

1. The candidate should have a minimum of 5-year experience in the field of network administration. The candidate should submit references (such as reference letters or contacts and details).
2. Have in-depth knowledge industry standard network equipment and protocols.
3. Should have a thorough knowledge in Windows and *nix Operating Systems.
4. Should have comprehensive knowledge in cyber security, tools and tactics used by cyber criminals.
5. Security based network hardware and software knowledge.
6. Familiar with network monitoring and data analysis tools.
7. Good knowledge in Vlans, subnetting, trunking, routing, switching and ACL
8. Good knowledge in layer 2 and layer 3 security threats, defenses and protocols.
9. Familiar with industry standard network topologies and implementation practices for such designs.
10. Ability to write tools and scripts for custom scenarios where such tools are not readily available

Education

The candidate should submit internationally accepted certificates that relates to network administration / engineering with minimum 1 -Year experience in relevant field.

Ethics and Values: Demonstrate and safeguard ethics and integrity;

Organizational Awareness: Demonstrate corporate knowledge and sound judgment;

Development and Innovation: Take charge of self-development and take initiative;

Work in teams: Demonstrate ability to work in a team environment and to maintain effective working relations with people of different technical and non-technical backgrounds;

Communicating and Information Sharing: Facilitate and encourage open communication and strive for effective communication;

Self-management and Emotional Intelligence: Stay composed and positive even in difficult moments, handle tense situations with diplomacy and tact, and have a consistent behavior towards others;

Conflict Management: Surface conflicts and address them proactively acknowledging different feelings and views and directing energy towards a mutually acceptable solution;

Continuous Learning and Knowledge Sharing: Encourage learning and sharing of knowledge;

Appropriate and Transparent Decision Making: Demonstrate informed and transparent decision making.

Contract Duration

The contract duration will be one year's renewal based on performance.

Monthly Remuneration Package

Network Engineer will be remunerated on a monthly basis. Monthly salary shall be MVR 25,000/- (Twenty- Five Thousand Rufiyaa Only) with a living allowance of MVR 10 ,000/- (Ten Thousand Rufiyaa Only).