

IO1635 Network Administrator - CIO-039

General information

Job category	Standard
Status	Published
Department	CIO/ Central Integration Office
Division	CIO / Project Information System Section/Division

Job description

Main job	Computer Science - Network
Title of the position	Network Administrator - CIO-039
Job family	Functional Assistant - 3
Grade	G5
Direct employment	Not required
Purpose	To administer the wired and wireless networks set-up and managed by the ITER Project Information System (IT) Section/ Division. To administer associated network services. To advise and support other members of the ITER project in network related tasks.
Main duties / Responsibilities	<p>Administers the ITER corporate network;</p> <p>Maintains high level network performance by monitoring network, analyzing and carrying out performance tuning and troubleshooting network problems;</p> <p>Participates in the on-call service of the Project Information System Section/ Division;</p> <p>Contributes to the design of the network infrastructure, establishes network specifications by conferring with users; analyzing workflow, access, information, and security requirements;</p> <p>Participates in the 2nd level network support through ticket resolution;</p> <p>Participates in securing the network by developing network access, monitoring, control, and evaluation; maintaining documentation;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</p> <p>May be requested to belong to any project team dealing with above activities and perform other duties upon management request;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p>
Measures of effectiveness	<p>Reports to Project Information System Section/Division Head;</p> <p>Acts as an interface between IT and other groups at ITER ;</p> <p>In response to requests from the Director-General and/or Central Integration Office (CIO) Head , or proactively, informs the DG/ CIO Head of any important and urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.</p> <p>Operates efficiently the IT network;</p> <p>Solves problems in the defined schedule;</p> <p>Develops IT network solutions which are compliant with users' needs;</p> <p>Contributes proactively to the maintenance and the evolution of the network.</p>
	Project Construction Phase

Applicant criteria

Level of study	At least Bachelor's degree or equivalent
Diploma	Computing or other relevant discipline
Level of experience	At least 5 years
	<p>Certification in the Cisco Network domain (CCNP) is a strong advantage;</p> <p>Knowledge of network passive and active components is required;</p> <p>Advanced knowledge in TCP/IP protocols, routing protocols (BGP, OSPF), network access and authentication protocols (RADIUS, 802.1x, TACACS) is required;</p>

Technical experience/knowledge		<p>Knowledge in VPN, Email Security is required;</p> <p>Knowledge in the administration of network services (DNS, DHCP, proxies, internet access, firewall, IPS, load balancer) is required;</p> <p>Knowledge in network scripting (PERL, BASH) would be an advantage;</p> <p>At least 5 years' experience in design, implementation and operation of complex enterprise networks;</p> <p>Experience in administrating Cisco equipment is required;</p> <p>Experience in administrating CheckPoint firewall is required;</p> <p>Experience in administering F5 application delivery controllers is considered a strong advantage;</p> <p>Experience in WAN optimization, logging, network analysis, monitoring and troubleshooting is required.</p>
	Social skills	<p>Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit</p> <p>Strongly client oriented</p>
	General skills	<p>Experience in Service Delivery;</p> <p>Experience in managing complex networks in an international environment would be an advantage;</p> <p>Experience in IT Project Management would be an advantage.</p>
	Languages	English (Fluent)