



Systems Engineer | San Diego, CA

Security clearance required: Possession of an **ACTIVE SECRET** security clearance with a Special Clearance Investigation is required to begin employment; US Citizenship is required.

Education: Bachelor's Degree (Degree in Engineering, Science, Mathematics, or Business)

Experience: Must have at least five (5) or more years' experience in respective field. IAT II Level certification or higher (Security +, CISSP, CASM, CEH, etc)

Travel: Yes

Location: San Diego, CA

Scope of Effort Tasks: The System Engineer's primary focus is analysis and execution of application modernization, virtualization, and migration tasks for transition from legacy system sites to a consolidated Navy Data Center. Conducts engineering analysis on legacy environment, establishes requirements, dependencies, and risks associated with transitioning system. Determines to-be environment and builds out servers including system hardening, patching, etc. Assists with legacy system installation and testing. Provides inputs for system documentation and reviews documentation for accuracy.

- Engineering analysis for application modernization, virtualization, and migration activities for Classified and Unclassified systems
- Analyzes legacy environments in support of system transition
- Provides as-built system engineering drawings reflecting the current installation design
- Creates logical and physical designs for legacy systems that are compatible with the intended hosting environments
- Documents all facets of integration and any impact to established infrastructure
- Evaluates, recommends, integrates, and implements new system architectures
- Demonstrate sufficient knowledge and experience to appropriately apply a methodology to projects that have reasonably well-defined project requirements and deliverables
- Proficient in Microsoft Office products and SharePoint
- Ability to successfully complete drug testing based on contract requirements.
- Ability to establish working relations at all organizational levels. Demonstrate ability to diplomatically and effectively deal with Government officials and program office stakeholders.
- Self-motivator with ability to work as part of a team or independently with little supervision or direction.
- Professional oral and written presentation skills
- Attention to detail and effective problem-solving skills
- Experience in DoD projects and communications

Knowledge and experience in one or more of the following categories:

UNIX Systems Engineering

Knowledge and experience in engineering and implementation of Sun's servers; integration of UNIX and Oracle, interpret server operational characteristics, troubleshooting issues, and identify possible solutions.

Demonstrate an advanced understanding of commands and utilities in the engineering and administration of Solaris UNIX systems; configure and implement SUN Solaris 10 or higher zone configuration in a consolidated work environment, and if required configure these zones to support older versions of Solaris and demonstrate an understanding of the interdependencies of products such as Oracle, Microsoft, and other COTS with a SUN backbone in accordance with the attached PWS.

Windows System Engineering

Knowledge and experience in engineering and implementation of multiple virtual Windows environments using common commercial hypervisor environments or physical servers within a data center or stand-alone environment; interpretation of server operational characteristics; troubleshooting issues, and identify possible solutions. Demonstrate an advanced understanding of commands and utilities in the engineering and administration of windows systems; configure and implement Windows 2008 or higher, Active Directory, and hypervisor zone configuration in a consolidated work environment, and if required configure these zones to support older versions of Windows in accordance with the attached PWS.

Network Engineering

In accordance with the PWS demonstrate knowledge and experience in engineering and implementation of the network requirements for solutions that fit the needs of a data center or stand-alone environment.

This should include status all systems, networks, servers, or associated devices procured and/or connected to a DoD/Navy or designated Commercial network as related to the Department of the Navy Applications and Database Management System DADMS and The Department of Defense Information Technology Portfolio Repository – Department of the Navy (DITPR-DON); engineering designs, artifacts, capacity planning, and Continuity of Operations (COOP) compliance with all DoD/DoN, or higher authority Information Assurance (IA) policies and procedures.

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