



General Services Administration (GSA) Federal Acquisition Service

Authorized Federal Supply Schedule FSS Price List

Multiple Award Schedule (MAS)

Federal Supply Group: General Purpose Commercial Information Technology (IT)
Equipment, Software, and Services

FSC/PSC Code: DA01, DB10, 0000

Special Item Number (SIN)	54151S - Information Technology Professional Services
Contract Number	GS-35F-348CA
Contract Period	June 3, 2020 – June 2, 2025
Business Size	Small; Woman-Owned Small Business (WOSB); Historically Underutilized Business Zones (HUBZone) Small Business Concern
SAM UEI	M9NDADJG1K55
CAGE Code	6N3Y3
Email	Lisa.Fritsch@agile5technologies.com
Telephone	304-884-5256
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Agile5 Technologies, Inc.

1000 Technology Drive, Suite 1370

Fairmont, WV 26554

www.agile5technologies.com

For more information on ordering go to the following website: <https://www.gsa.gov/schedules>

Modification #PS-0034, Effective 7/3/2024





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1 Introduction to Agile5 Technologies, Inc.

Agile5 Technologies, Inc. (Agile5) specializes in the Information Technology (IT) services of design, development, testing, integration, and Operations and Maintenance (O&M) of enterprise software systems for Federal Government agencies, as well as commercial interests. Founded in 2011, Agile5 is a Woman-Owned Small Business (WOSB) and certified as a qualified Historically Underutilized Business Zone (HUBZone) Small Business Concern.

To achieve customer goals while reducing cost, Agile5 uses agile software development methodologies with teams of highly competent, cross-functional personnel who perform under the company motto of “Proactive Planning, Agile Execution.” Agile5 excels at reviewing the needs of our customers and providing the most cost-effective, robust, and innovative engineering solutions. To assist our customers with cloud adoption and migration, Agile5 is a certified Amazon Web Services (AWS) Consulting Partner. We have certified Scrum Masters, Product Owners, AWS Solutions Architects, and Scaled Agile Framework (SAFe) engineers on staff. CIOReview magazine named Agile5 one of the 20 Most Promising Amazon Web Services (AWS) Solution Providers in 2018.

Agile5’s core capabilities span the following:

- Full software development life cycle
- Biometric systems development and maintenance
- Cloud architecture and migration
- DevOps
- Systems engineering, architecture, and design
- Test engineering and automation
- Enterprise systems administration and O&M
- Database architecture, development, and maintenance
- Network administration and engineering
- Legacy systems migration and integration
- Data analysis
- Technical writing
- Mobile application development (iOS and Android platforms)



2 Customer Information

1a. Table of awarded special item number(s) with appropriate cross-reference to item descriptions and awarded price(s).

SIN	Description
54151S	Information Technology Professional Services
518210C	Cloud Computing and Cloud Related IT Professional Services
OLM	Order-Level Materials

1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply.

SIN	Labor Category Title	GSA Rate w/IFF
54151S	Intern I**	\$24.47
518210C	Cloud Software Developer III	\$92.58

1c. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item. **See Pages 5 and 10**

1d. Price Escalation Clause: The Price Escalation Clause was based on the Economic Price Adjustment (EPA) Clause I-FSS 969(b)(1) (October 2014). The Government (GSA) negotiated, agreed, and awarded Agile5 Technologies, Inc.'s Contract GS-35F-348CA with an annual Price Escalation rate of 5.2% which resulted in a fixed price for the full term of the 20-year contract. For any contracts that go beyond the Year 5 Rates of June 2, 2025, a 5.2% price escalation factor will be applied to the GSA Labor Category (LCAT). Please refer to this note and our rates on page 7 of this Price List.

2. Maximum order. **\$500,000**

3. Minimum order. **\$100**



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4. Geographic coverage (delivery area). **Worldwide**
 5. Point(s) of production (city, county, and State or foreign country).
Agile5 Technologies, Inc.
1000 Technology Drive, Suite 1370
Fairmont, WV 26554
 6. Discount from list prices or statement of net price. **All prices listed are net prices with the discount and IFF requirements already applied.**
 7. Quantity discounts. **None.**
Additional 0.5% discount will be provided for all sales utilizing the Government Purchase card.
 8. Prompt payment terms. **N/A**
Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.
 9. Foreign items (list items by country of origin). **None**
 - 10a. Time of delivery. **TBD @ Task Order Level**
 - 10b. Expedited Delivery. **Items available for expedited delivery are noted in this price list.**
 - 10c. Overnight and 2-day delivery. **Schedule customer may contact the Contractor for rates for overnight and 2-day delivery.**
 - 10d. Urgent Requirements. **Schedule customer may contact the Contractor's representative to affect a faster delivery.**
 11. F.O.B. point(s). **Destination**
 - 12a. Ordering address(es). **Agile5 Technologies, Inc.**
1000 Technology Drive, Suite 1370
Fairmont, WV 26554
 - 12b. Ordering procedures: **See Federal Acquisition Regulation (FAR) 8.405-3.**
 13. Payment address(es). **Agile5 Technologies, Inc.**
1000 Technology Drive, Suite 1370
Fairmont, WV 26554

14. Warranty provision. **All services are guaranteed to be completed in a professional and technically acceptable manner in accordance with the contract.**

15. Export packing charges, if applicable. **N/A**

16. Terms and conditions of rental, maintenance, and repair (if applicable). **N/A**

17. Terms and conditions of installation (if applicable). **N/A**

- 18a. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable). **N/A**
- 18b. Terms and conditions for any other services (if applicable) **N/A**

19. List of service and distribution points (if applicable). **N/A**

20. List of participating dealers (if applicable). **N/A**

21. Preventive maintenance (if applicable). **N/A**

- 22a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants). **N/A**

- 22b. If applicable, indicate that Section 508 compliance information is available on Information and Communication Technology (ICT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The ICT standards can be found at: www.Section508.gov/. **N/A**

23. Unique Entity Identifier (UEI) number. **M9NDADJG1K55**

24. Notification regarding registration in System for Award Management (SAM) database. **Agile5 Technologies, Inc. maintains an active registration in the SAM database**



Terms and Conditions for all IT Contractors

1) Organizational Conflicts Of Interest

a) Definitions.

"Contractor" means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.

"Contractor and its affiliates" and "Contractor or its affiliates" refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor.

An "Organizational conflict of interest" exists when the nature of the work to be performed under a proposed ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor's or its affiliates' objectivity in performing contract work.

b) To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the ordering activity, ordering activities may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508

2) Services Performed

a) All services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

b) The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.

c) The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.

3) Travel. Any Contractor travel required in the performance of services must comply with the Pub. L.99-234 and FAR Part 31.205-46, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel.

4) Warranty

a) Unless otherwise specified in the contract, the Contractor's standard commercial warranty applies.

b) The Contractor's commercial guarantee/warranty shall be included in the Commercial Supplier Agreement to include Enterprise User License Agreements or Terms of Service (TOS) agreements, if applicable.



c) Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.

3 Services Price List

SIN	Labor Category	Year 6	Year 7	Year 8	Year 9	Year 10
		6.3.20- 6.2.21	6.3.21- 6.2.22	6.3.22- 6.2.23	6.3.23- 6.2.24	6.3.24- 6.2.25
54151S	IT Administrative Assistant II**	\$36.51	\$37.21	\$37.91	\$39.24	\$40.61
54151S	IT Administrative Support and Graphics Specialist	\$61.41	\$62.58	\$63.77	\$66.01	\$68.31
54151S	IT Applications Engineer	\$87.10	\$88.76	\$90.44	\$93.60	\$96.88
54151S	IT Senior Applications Engineer	\$104.94	\$106.93	\$108.97	\$112.79	\$116.74
54151S	IT Student Applications Programmer	\$39.31	\$40.06	\$40.83	\$42.26	\$43.74
54151S	IT Applications Programmer	\$87.50	\$89.16	\$90.85	\$94.04	\$97.33
54151S	IT Senior Applications Programmer	\$100.17	\$102.08	\$104.01	\$107.65	\$111.42
54151S	IT Business Case Analyst	\$78.52	\$80.01	\$81.53	\$84.38	\$87.34



54151S	IT Senior Business Case Analyst	\$92.12	\$93.87	\$95.66	\$99.00	\$102.47
54151S	IT Senior Business Process Reengineering Specialist	\$91.23	\$92.97	\$94.73	\$98.05	\$101.48
54151S	IT Principal Business Process Reengineering Specialist	\$117.12	\$119.35	\$121.61	\$125.86	\$130.27
54151S	IT CA Technologies Junior Consultant	\$123.18	\$125.52	\$127.91	\$132.38	\$137.02
54151S	IT CA Technologies Consultant	\$187.08	\$190.64	\$194.26	\$201.06	\$208.09
54151S	IT CA Technologies Senior Consultant	\$212.75	\$216.79	\$220.91	\$228.63	\$236.63
54151S	IT Capacity Management Specialist (Associate)	\$117.82	\$120.06	\$122.34	\$126.62	\$131.05
54151S	IT Capacity Management Specialist (Intermediate)	\$129.58	\$132.04	\$134.55	\$139.25	\$144.13
54151S	IT Capacity Management Specialist (Lead)	\$156.79	\$159.77	\$162.80	\$168.50	\$174.40
54151S	IT Collaboration Analyst	\$91.11	\$92.85	\$94.61	\$97.92	\$101.35



54151S	IT Senior Collaboration Engineer	\$118.56	\$120.82	\$123.11	\$127.43	\$131.89
54151S	IT Communications Network Manager	\$103.96	\$105.93	\$107.95	\$111.73	\$115.64
54151S	IT Communications Specialist	\$88.45	\$90.14	\$91.85	\$95.06	\$98.39
54151S	IT Computer Security Systems Specialist (Associate)	\$99.98	\$101.88	\$103.82	\$107.46	\$111.21
54151S	IT Computer Security Systems Specialist (Intermediate)	\$113.37	\$115.53	\$117.72	\$121.84	\$126.11
54151S	IT Computer Security Systems Specialist (Lead)	\$135.02	\$137.59	\$140.20	\$145.11	\$150.19
54151S	IT Computer Systems Analyst (Associate)	\$82.89	\$84.46	\$86.07	\$89.08	\$92.19
54151S	IT Computer Systems Analyst (Intermediate)	\$96.19	\$98.02	\$99.88	\$103.38	\$106.99



54151S	IT Computer Systems Analyst (Lead)	\$115.97	\$118.18	\$120.42	\$124.63	\$129.00
54151S	IT Configuration Management Specialist (Associate)	\$87.78	\$89.45	\$91.15	\$94.35	\$97.65
54151S	IT Configuration Management Specialist (Intermediate)	\$108.75	\$110.81	\$112.92	\$116.87	\$120.96
54151S	IT Configuration Management Specialist (Lead)	\$122.51	\$124.84	\$127.20	\$131.66	\$136.26
54151S	IT Cost Analyst	\$74.54	\$75.96	\$77.40	\$80.11	\$82.91
54151S	IT CTI/VVID Engineer Level 2	\$88.45	\$90.14	\$91.85	\$95.06	\$98.39
54151S	IT CTI/VVID Engineer Level 3	\$102.62	\$104.57	\$106.56	\$110.29	\$114.15
54151S	IT CTI/VVID Engineer Level 4	\$122.28	\$124.60	\$126.97	\$131.42	\$136.02
54151S	IT Data Standardization Specialist	\$78.72	\$80.21	\$81.73	\$84.59	\$87.56



54151S	IT Database Administrator	\$111.57	\$113.68	\$115.84	\$119.89	\$124.08
54151S	IT Database Administrator IV	\$145.19	\$147.95	\$150.76	\$156.04	\$161.50
54151S	IT Database Management Specialist	\$97.30	\$99.14	\$101.03	\$104.56	\$108.22
54151S	IT Documentation Specialist	\$66.01	\$67.25	\$68.53	\$70.93	\$73.41
54151S	IT Executive Net-Centric Enterprise Architect	\$117.82	\$120.06	\$122.34	\$126.62	\$131.05
54151S	IT Executive Operations Research Analyst	\$74.66	\$76.08	\$77.52	\$80.23	\$83.04
54151S	IT Functional Analyst I	\$83.17	\$84.76	\$86.37	\$89.39	\$92.52
54151S	IT Functional Analyst II	\$100.35	\$102.26	\$104.20	\$107.85	\$111.63
54151S	IT Graphic Artist	\$61.41	\$62.58	\$63.77	\$66.01	\$68.31
54151S	IT Hardware/Software Installation Technician	\$97.30	\$99.14	\$101.03	\$104.56	\$108.22
54151S	IT Senior Hardware/Software Installation Technician	\$113.37	\$115.53	\$117.72	\$121.84	\$126.11



54151S	IT Hardware/Software Specialist	\$107.07	\$109.11	\$111.18	\$115.07	\$119.10
54151S	IT Help Desk Manager	\$92.00	\$93.74	\$95.53	\$98.87	\$102.33
54151S	IT Help Desk Specialist	\$69.96	\$71.29	\$72.64	\$75.18	\$77.81
54151S	IT Help Desk Support I**	\$45.90	\$46.78	\$47.67	\$49.34	\$51.06
54151S	IT Junior Information Assurance (IA) Analyst	\$91.43	\$93.16	\$94.93	\$98.26	\$101.69
54151S	IT Intermediate Information Assurance (IA) Analyst	\$108.88	\$110.94	\$113.05	\$117.01	\$121.10
54151S	IT Senior Information Assurance (IA) Analyst	\$122.51	\$124.84	\$127.20	\$131.66	\$136.26
54151S	IT Information Assurance/System Security Architect Level 1 (Junior)	\$97.30	\$99.14	\$101.03	\$104.56	\$108.22
54151S	IT Information Assurance/System Security Architect Level 2 (Master)	\$117.82	\$120.06	\$122.34	\$126.62	\$131.05



54151S	IT Information Assurance/System Security Architect Level 3 (Senior)	\$142.56	\$145.27	\$148.03	\$153.21	\$158.57
54151S	IT Principal Information Assurance Subject Matter Expert	\$135.02	\$137.59	\$140.20	\$145.11	\$150.19
54151S	IT Information Engineer I	\$73.44	\$74.83	\$76.25	\$78.92	\$81.68
54151S	IT Information Engineer (Associate)	\$96.72	\$98.55	\$100.42	\$103.94	\$107.58
54151S	IT Information Engineer (Intermediate)	\$114.35	\$116.52	\$118.74	\$122.89	\$127.19
54151S	IT Principal Information Engineer	\$141.66	\$144.35	\$147.09	\$152.24	\$157.57
54151S	IT Associate Information Technology Consultant	\$96.19	\$98.02	\$99.88	\$103.38	\$106.99
54151S	IT Information Technology Consultant	\$113.37	\$115.53	\$117.72	\$121.84	\$126.11



54151S	IT Senior Information Technology Consultant	\$143.19	\$145.91	\$148.69	\$153.88	\$159.27
54151S	IT Executive Information Technology Consultant	\$156.79	\$159.77	\$162.80	\$168.50	\$174.40
54151S	IT Senior Information Technology Expert	\$148.25	\$151.07	\$153.94	\$159.34	\$164.91
54151S	IT Instructional Systems Designer (Intermediate)	\$78.69	\$80.18	\$81.70	\$84.56	\$87.53
54151S	IT Instructional Systems Designer (Lead)	\$104.36	\$106.35	\$108.37	\$112.16	\$116.09
54151S	IT Intern I**	\$23.58	\$24.02	\$24.47	\$25.33	\$26.22
54151S	IT Senior Knowledge Management Specialist	\$117.82	\$120.06	\$122.34	\$126.62	\$131.05
54151S	IT Principal Knowledge Management Specialist	\$129.58	\$132.04	\$134.55	\$139.25	\$144.13
54151S	IT Logistics Analyst (Associate)**	\$73.06	\$74.45	\$75.86	\$78.52	\$81.27
54151S	IT Logistics Analyst (Intermediate)	\$91.81	\$93.55	\$95.32	\$98.66	\$102.12



54151S	IT Logistics Analyst (Lead)	\$104.65	\$106.64	\$108.66	\$112.46	\$116.40
54151S	IT Net-Centric Enterprise Architect	\$125.81	\$128.20	\$130.64	\$135.21	\$139.95
54151S	IT Senior Net-Centric Enterprise Architect	\$152.22	\$155.11	\$158.07	\$163.60	\$169.32
54151S	IT Net-centric Enterprise Security Systems Engineer	\$186.91	\$190.46	\$194.08	\$200.87	\$207.90
54151S	IT Principal Network Architect—CTI/VVID Converged Networks	\$161.68	\$164.76	\$167.89	\$173.76	\$179.85
54151S	IT Enterprise Communications/Network Manager	\$152.76	\$155.66	\$158.62	\$164.17	\$169.91
54151S	IT Network Engineer I	\$55.19	\$56.24	\$57.31	\$59.31	\$61.39
54151S	IT Network Engineer (Associate)	\$87.78	\$89.45	\$91.15	\$94.35	\$97.65
54151S	IT Network Engineer (Intermediate)	\$108.75	\$110.81	\$112.92	\$116.87	\$120.96
54151S	IT Network Engineer (Lead)	\$122.51	\$124.84	\$127.20	\$131.66	\$136.26



54151S	IT Network Installation Technician	\$78.28	\$79.77	\$81.28	\$84.12	\$87.06
54151S	IT Senior Network Installation Technician	\$100.35	\$102.26	\$104.20	\$107.85	\$111.63
54151S	IT Network Management Specialist	\$104.65	\$106.64	\$108.66	\$112.46	\$116.40
54151S	IT Operations Manager	\$112.92	\$115.06	\$117.25	\$121.35	\$125.60
54151S	IT Operations Research Analyst	\$113.37	\$115.53	\$117.72	\$121.84	\$126.11
54151S	IT Senior Operations Research Analyst	\$132.75	\$135.26	\$137.83	\$142.66	\$147.66
54151S	IT Executive Operations Research Analyst	\$182.73	\$186.21	\$189.74	\$196.38	\$203.25
54151S	IT Planner/Developer II	\$72.71	\$74.09	\$75.50	\$78.14	\$80.87
54151S	IT Procurement Administrator	\$62.59	\$63.78	\$64.99	\$67.26	\$69.62
54151S	IT Proprietary Product Consultant	\$156.79	\$159.77	\$162.80	\$168.50	\$174.40
54151S	IT Project Control Specialist	\$87.50	\$89.16	\$90.85	\$94.04	\$97.33



54151S	IT Call Order Project Manager	\$134.39	\$136.94	\$139.54	\$144.42	\$149.48
54151S	IT Program Administration Specialist**	\$61.43	\$62.60	\$63.79	\$66.03	\$68.33
54151S	IT Project Manager III	\$102.24	\$104.18	\$106.16	\$109.87	\$113.72
54151S	IT Quality Assurance Analyst	\$87.35	\$89.01	\$90.70	\$93.87	\$97.16
54151S	IT Quality Assurance Manager	\$106.44	\$108.46	\$110.53	\$114.40	\$118.40
54151S	IT Security Analyst I	\$74.44	\$75.85	\$77.29	\$79.99	\$82.79
54151S	IT Security System Engineer Level 1 (Junior)	\$91.11	\$92.85	\$94.61	\$97.92	\$101.35
54151S	IT Security System Engineer Level 2 (Master)	\$104.65	\$106.64	\$108.66	\$112.46	\$116.40
54151S	IT Security System Engineer Level 3 (Senior)	\$126.31	\$128.71	\$131.15	\$135.75	\$140.50
54151S	IT Senior Service Oriented Architecture (SOA) Consultant	\$149.76	\$152.60	\$155.51	\$160.95	\$166.58
54151S	IT Software Developer I	\$57.38	\$58.47	\$59.58	\$61.66	\$63.82

U.S. General Services Administration (GSA) Federal Acquisition Service
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 General Purpose Commercial Information Technology Equipment, Software, and Services



54151S	IT Software Developer II	\$75.11	\$76.54	\$77.99	\$80.73	\$83.55
54151S	IT Software Developer III	\$91.81	\$93.55	\$95.32	\$98.66	\$102.12
54151S	IT Software Engineer III	\$106.62	\$108.64	\$110.71	\$114.59	\$118.60
54151S	IT Principal Software Engineer III	\$104.49	\$106.48	\$108.50	\$112.30	\$116.23
54151S	IT Software Systems Engineer (Associate)	\$91.83	\$93.57	\$95.35	\$98.68	\$102.14
54151S	IT Software Systems Engineer (Intermediate)	\$102.21	\$104.15	\$106.13	\$109.84	\$113.69
54151S	IT Software Systems Engineer (Lead)	\$122.28	\$124.60	\$126.97	\$131.42	\$136.02
54151S	IT Staff Systems Solutions Engineer	\$113.25	\$115.41	\$117.60	\$121.72	\$125.98
54151S	IT Senior Staff Systems Solutions Engineer	\$139.62	\$142.27	\$144.97	\$150.05	\$155.29
54151S	IT Principal Systems Solutions Engineer	\$187.50	\$191.06	\$194.69	\$201.50	\$208.55
54151S	IT Subject Matter Expert (Associate)	\$142.56	\$145.27	\$148.03	\$153.21	\$158.57



54151S	IT Subject Matter Expert (Intermediate)	\$172.52	\$175.80	\$179.14	\$185.41	\$191.90
54151S	IT Subject Matter Expert (Lead)	\$208.86	\$212.83	\$216.87	\$224.45	\$232.31
54151S	IT Systems Administrator I	\$56.34	\$57.41	\$58.50	\$60.54	\$62.66
54151S	IT Systems Administrator III	\$84.50	\$86.11	\$87.74	\$90.81	\$93.98
54151S	IT Systems Administrator	\$91.83	\$93.57	\$95.35	\$98.68	\$102.14
54151S	IT Senior Systems Administrator	\$111.39	\$113.50	\$115.66	\$119.71	\$123.90
54151S	IT Senior Systems Architect	\$142.56	\$145.27	\$148.03	\$153.21	\$158.57
54151S	IT Principal Systems Architect	\$172.52	\$175.80	\$179.14	\$185.41	\$191.90
54151S	IT Systems Engineer III	\$106.62	\$108.64	\$110.71	\$114.59	\$118.60
54151S	IT Systems Engineer IV	\$125.88	\$128.27	\$130.71	\$135.28	\$140.02
54151S	IT Principal Systems Engineer	\$122.28	\$124.60	\$126.97	\$131.42	\$136.02
54151S	IT Systems Operator	\$51.66	\$52.63	\$53.63	\$55.51	\$57.45
54151S	IT Technical Writer II	\$61.55	\$62.72	\$63.91	\$66.15	\$68.46
54151S	IT Technical Writer IV	\$69.52	\$70.84	\$72.19	\$74.72	\$77.34



54151S	IT Technical Writer/Editor	\$71.85	\$73.21	\$74.60	\$77.21	\$79.91
54151S	IT Test Engineer (Associate)	\$87.78	\$89.45	\$91.15	\$94.35	\$97.65
54151S	IT Test Engineer (Intermediate)	\$100.17	\$102.08	\$104.01	\$107.65	\$111.42
54151S	IT Test Engineer (Lead)	\$129.58	\$132.04	\$134.55	\$139.25	\$144.13
54151S	IT Training Specialist	\$78.98	\$80.48	\$82.02	\$84.89	\$87.86
54151S	IT Senior Training Specialist	\$95.76	\$97.58	\$99.44	\$102.91	\$106.51
54151S	IT Specialized Technology Training Specialist	\$91.43	\$93.16	\$94.93	\$98.26	\$101.69
54151S	IT Senior Specialized Technology Training Specialist	\$104.65	\$106.64	\$108.66	\$112.46	\$116.40
54151S	IT Web Architect	\$100.57	\$102.49	\$104.43	\$108.09	\$111.87
54151S	IT Web Designer	\$87.10	\$88.76	\$90.44	\$93.60	\$96.88
54151S	IT Web Developer IV	\$118.96	\$121.22	\$123.53	\$127.85	\$132.32
54151S	IT Sr. Documentum Consultant	Past	Past	Past	\$223.47	\$231.28
54151S	IT Documentum Practice Oversight	Past	Past	Past	\$223.47	\$231.28
54151S	IT Project Manager	Past	Past	Past	\$116.30	\$120.37
518210C	Cloud Net-centric Enterprise Security Systems Engineer	Past	Past	Past	\$162.94	\$168.64



518210C	Cloud Project Manager	Past	Past	Past	\$164.52	\$170.28
518210C	Cloud Deputy Program Manager	Past	Past	Past	\$141.15	\$146.09
518210C	Cloud Facilitator	Past	Past	Past	\$136.26	\$141.03
518210C	Cloud Software Developer III	Past	Past	Past	\$92.58	\$95.82
518210C	Cloud Software Developer IV	Past	Past	Past	\$132.14	\$136.77
518210C	Cloud Network Engineer IV (Lead)	Past	Past	Past	\$136.09	\$140.86
518210C	Cloud Senior System Administrator III	Past	Past	Past	\$101.58	\$105.14
518210C	Cloud Senior System Administrator II	Past	Past	Past	\$138.85	\$143.71
518210C	Cloud Database Engineer I	Past	Past	Past	\$143.64	\$148.66
518210C	Cloud Automation Test Engineer IV	Past	Past	Past	\$119.70	\$123.89
518210C	Cloud Engineer IV	Past	Past	Past	\$178.65	\$184.90
518210C	Cloud Engineer III	Past	Past	Past	\$143.64	\$148.66
518210C	Cloud Scrum Master I	Past	Past	Past	\$105.34	\$109.03



Labor Category Descriptions

1. IT ADMINISTRATIVE ASSISTANT II

Performs a variety of IT administrative functions. Schedules technical group meetings, directs callers to the appropriate contact and provides general information as necessary, and takes dictation during meetings. Composes memos, transcribes notes, and researches and creates presentations with input from technical staff. Generates reports, handles multiple projects, and prepares and monitors invoices and expense reports. May assist in supporting help desk and technical writing functions. Other duties as assigned. **Education/Experience:** High school diploma with at least 2 years of experience.

2. IT ADMINISTRATIVE SUPPORT AND GRAPHICS SPECIALIST

Directly supports Program Manager or Project Manager by maintaining personnel and other files; prepares correspondence, schedules and coordinates travel. Assists in the preparation of technical presentation graphics and supports the development of contract deliverables and reports by developing and updating graphic presentations to improve the quality and usability of these documents. Responsible for integrating the graphics generated with automated tools and the deliverable documents. **Education/Experience:** High School Diploma with at least 2 years of experience.

3. IT APPLICATIONS ENGINEER

Analyzes and studies complex IT system requirements. Designs software tools and subsystems to support software reuse and domain analyses and manages their implementation. Manages software development and support using formal specifications, data flow diagrams and other accepted design techniques. Estimates software development costs and schedule. Reviews existing IT programs and assists in making refinements, reducing operating time and improving current techniques. **Education/Experience:** BA/BS in a technical discipline with at least 2 years of experience.

4. IT SENIOR APPLICATIONS ENGINEER

Analyzes and studies complex IT system requirements. Designs software tools and subsystems to support software reuse and domain analyses and manages their implementation. Manages software development and support using formal specifications, data flow diagrams and other accepted design techniques. Estimates software development costs and schedule. Reviews existing IT programs and assists in making refinements, reducing operating time and improving current techniques. May supervise software configuration management. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.



5. IT STUDENT APPLICATIONS PROGRAMMER

Assists with the analysis of IT information requirements. Aids in the evaluation of technical problems with workflow, organization, and planning and helps develop appropriate corrective action. **Education/Experience:** Current enrollment in a technical degree program.

6. IT APPLICATIONS PROGRAMMER

Participates in the design of IT software tools and subsystems to support reuse and domain analysis. Assists engineers and programmers in interpreting software requirements and design specifications to code and integrate and test software components. **Education/Experience:** BA/BS in a technical discipline with at least 2 years of experience.

7. IT SENIOR APPLICATIONS PROGRAMMER

Analyzes functional IT business applications and design specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Tests, debugs and refines the computer software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. Provides technical direction to programmers to ensure program deadlines are met. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

8. IT BUSINESS CASE ANALYST

Identifies costs for existing IT systems (maintenance, operations, etc.). Identifies life cycle costs for proposed IT systems (development, operations, maintenance). Identifies cost savings/cost avoidance associated with retirement of old system or improved performance of new system. Provides briefings on analyses conducted. **Education/Experience:** BA/BS with at least 2 years of experience.

9. IT SENIOR BUSINESS CASE ANALYST

Develops formulas for calculating existing and future costs, researches current financial indices, develops details of actual cost of IT system using standard quantitative analyses. Develops and documents assumptions. Prepares investment analysis reports. **Education/Experience:** BA/BS in a business, financial or management discipline with at least 5 years of experience.

10. IT SENIOR BUSINESS PROCESS RE-ENGINEERING SPECIALIST

Applies process improvement and reengineering methodologies and principles to conduct IT process modernization projects. Duties include activity and data modeling, developing modern business methods, identifying best practices and creating and assessing performance measurements. Provides group facilitation, interviewing, training and provides additional



forms of knowledge transfer. May be under the supervision and direction of a Principal Business Process Reengineering Specialist or may work independently. **Education/Experience:** BA/BS with at least 3 years of experience.

11. IT PRINCIPAL BUSINESS PROCESS RE-ENGINEERING SPECIALIST

Applies process improvement and reengineering methodologies and principles to conduct IT process modernization projects. Responsible for effective transitioning of existing project teams and the facilitation of project teams in the accomplishment of project activities and technical objectives. Provides group facilitation, interviewing, training, and provides additional forms of knowledge transfer. Key coordinator between multiple project teams to ensure enterprise-wide integration of reengineering efforts. Provides daily supervision and direction to Business Process Reengineering Specialist. **Education/Experience:** BA/BS with at least 5 years of experience.

12. IT CA TECHNOLOGIES JUNIOR CONSULTANT

Supports CA Technologies, Products, and Services efforts. Installs, modifies, maintains, develops, and documents straightforward operating systems environment software for computer systems. Implements IT solutions for clients. Installs, documents, and maintains basic level software obtained from users. Diagnoses production operating systems environment problems and reports them to supervisor. Develops exit routines, code, tests, and debugs within range of responsibility and under supervision. Resolves routine operating systems environment software problems. **Education/Experience:** Associate degree with at least 1 year of experience.

13. IT CA TECHNOLOGIES CONSULTANT

Supports CA Technologies, Products, and Services efforts. Acts as an internal/external technical consultant and reference source. Monitors/measures performance characteristics of software or services. Advises technical personnel on the conceptualization, development, implementation, and packaging software. May prepare and present internal technical seminars. Plans strategies for improvement of software and services. Communicates current innovations and trends in software development to technical staff. May assist in coordination of education and documentation. May serve as chief architect for large or complex systems development. Conceptualizes and develops proposed solutions to business problems and client requirements. Develops technical papers and business/technical proposals in response to client or management requests. **Education/Experience:** BA/BS with at least 4 years of experience.

14. IT CA TECHNOLOGIES SENIOR CONSULTANT

Supports CA Technologies, Products, and Services efforts. Analyzes data requirements and provides related data modeling. Reviews proposed applications development plans. Evaluates system design approaches. Conducts hardware/software comparative evaluations. May be a



general technical troubleshooter. Acts as consultant in studying and recommending actions on a wide variety of technical areas, providing guidance to customer management. Communicates current innovations and trends in software development to staff. Researches and develops the architectural design to guide innovative software development. Technical consultant and reference source. Evaluates and audits computer center and systems operations.
Education/Experience: BA/BS with at least 6 years of experience.

15. IT CAPACITY MANAGEMENT SPECIALIST (ASSOCIATE)

Supports capacity planning and performance analysis of computer systems. Supports the determination of current levels of system and application resource utilization and performance. Supports analytical modeling to describe utilization and performance at multiple levels of granularity. Supports resource chargeback rate-setting activities. Analyzes the impact of new technologies on processor and peripheral utilization and performance. Supports workload sizing for new and existing applications. Supports the implementation of hardware and software upgrades. Supports the construction of capacity plans. Utilizes systems that analyze and report levels of utilization and performance. Oversees storage of capacity and performance data. Supports disaster recovery sizing activities. Supports the measurement and reporting of service level objectives. Supports capacity management audits. Utilizes the capacity management tool set. **Education/Experience:** High School with at least 2 years of experience.

16. IT CAPACITY MANAGEMENT SPECIALIST (INTERMEDIATE)

Responsible for capacity planning and performance analysis of computer systems. Determines current levels of IT system and application resource utilization and performance. Constructs analytical models describing utilization and performance at multiple levels of granularity. Develops workload projection methodologies to estimate future resource requirements. Supports resource chargeback rate-setting activities. Analyzes the impact of new technologies on processor and peripheral utilization and performance. Performs workload sizing for new and existing applications. Supports the implementation of hardware and software upgrades. Constructs capacity plans. Develops systems to analyze and report levels of utilization and performance. Oversees storage of capacity and performance data. Recommends parameters that regulate the relative utilization levels of workloads. Supports disaster recovery sizing activities. Supports the measurement and reporting of service level objectives. Supports capacity management audits. Utilizes the capacity management tool set.
Education/Experience: BA/BS with at least 5 years of experience.

17. IT CAPACITY MANAGEMENT SPECIALIST (LEAD)

Responsible for capacity planning and performance analysis of computer systems. Determines current levels of IT system and application resource utilization and performance. Constructs analytical models describing utilization and performance at multiple levels of granularity. Develops workload projection methodologies to estimate future resource requirements. Supports resource chargeback rate-setting activities. Analyzes the impact of new technologies on processor and peripheral utilization and performance. Performs workload sizing for new



and existing applications. Supports the implementation of hardware and software upgrades. Constructs capacity plans. Develops and implements systems to analyze and report levels of utilization and performance. Oversees storage of capacity and performance data. Recommends parameters that regulate the relative utilization levels of workloads. Supports the measurement and reporting of service level objectives. Supports disaster recovery sizing activities. Supports capacity management audits. Utilizes the capacity management tool set. Coordinates team capacity management activities. **Education/Experience:** BA/BS with at least 10 years of experience.

18. IT COLLABORATION ANALYST

Focuses on tactical and operational items, operational effectiveness, and delivering results related to Collaboration IT capabilities. Utilizes an understanding of collaborative business processes to translate business initiatives and varied business requests into functional specifications. Operates within the team to effectively translate business requests to program managers and technical leadership. Ensures that project requirements are delivered in each developed solution. Makes recommendations on work impacting the Execution function and advises management on work issues, potential impact to Integrated Planning and potential cross-functional impact. Facilitates SME discussions and communicates system changes to the appropriate audience. **Education/Experience:** BA/BS with at least 2 years of experience.

19. IT SENIOR COLLABORATION ENGINEER

Requires the regular application of acknowledged expertise in the collaboration systems engineering field and the use of considerable initiative and creativity. Responsible for providing technical leadership with strong knowledge and expertise in large-scale distributed systems and remote development, debugging, deployment, operations, and management of such systems. Must be able to identify the system requirements, contribute to the software systems architecture, synthesize a baseline design, evaluate candidate technologies, oversee prototyping efforts, and contribute to cost and schedule planning supporting the development. Provides expert explanations, techniques or approaches to colleagues, management and customers in developing and integrating collaboration tools within an organization. Additional activities include research, analysis, engineering, testing, documentation, implementation, integration, and operation of the collaborative solutions environment. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

20. IT COMMUNICATIONS NETWORK MANAGER

Evaluates communication hardware and software, troubleshoots LAN/MAN/WAN and other network related problems, provides technical expertise for performance and configuration of networks. Performs general LAN/MAN/WAN administration, provides technical leadership in the integration and test of complex large-scale computer integrated networks. Schedules conversions and cutovers. Oversees network control center. Supervises maintenance of systems. Coordinates with all responsible users and sites. Supervises staff. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.



21. IT COMMUNICATIONS SPECIALIST

Analyzes network characteristics (e.g., traffic, connect time, transmission speeds, packet sizes and throughput) and recommends procurement, removals and modifications to IT network components. Designs and optimizes network topologies and site configurations. Plans installations, transitions and cut-overs of network components and technical capabilities. Coordinates requirements with users and suppliers. **Education/Experience:** BA/BS with at least 2 years of experience.

22. IT COMPUTER SECURITY SYSTEM SPECIALIST (ASSOCIATE)

Under specific direction, analyzes user needs and current security regulations and guidelines to determine IA functional requirements. Performs functional allocation to identify tasks that must be completed and interrelationships among those tasks. Identifies required resources. Analyzes and defines IA security requirements for MLS systems and non-MLS systems. Designs, develops, engineers, and implements solutions to MLS and non-MLS requirements. Gathers and organizes technical information about an organization's missions, goals, and requirements; existing security products; and ongoing IA programs. **Education/Experience:** BA/BS in a technical discipline with at least 2 years of experience.

23. IT COMPUTER SECURITY SYSTEMS SPECIALIST (INTERMEDIATE)

Under general supervision, analyzes and defines security requirements for MLS issues. Designs, develops, engineers and implements technical solutions to MLS requirements. Gathers and organizes technical information about an organization's mission goals and needs, existing security products and ongoing programs in the MLS arena. Performs risk analyses, which also includes risk assessment. Provides technical support for secure software development and integration tasks, including reviewing work products for correctness and adhering to the design concept and to user standards. Knowledgeable of Security/IA products such as PKI, VPN, firewalls, and intrusion detection systems. Analyzes and recommends resolution of security/IA problems on the basis of knowledge of the major IA products and services, an understanding of their limitations, and knowledge of the IA disciplines. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

24. IT COMPUTER SECURITY SYSTEMS SPECIALIST (LEAD)

Analyzes and defines security requirements for Multilevel Security (MLS) issues. Designs, develops, engineers and implements technical solutions to MLS requirements. Responsible for the implementation and development of the MLS. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Performs risk analyses which also includes risk assessment. Provides daily supervision and direction to staff. Provides technical support for secure software development and integration tasks, including reviewing work products for correctness and adhering to the design concept and to user standards. Knowledgeable of Security/Information



Assurance (IA) products such as PKI, VPN, firewalls, and intrusion detection systems. Analyzes and recommends resolution of security/IA problems on the basis of knowledge of the major IA products and services, an understanding of their limitations, and knowledge of the IA disciplines. Provides daily supervision and direction to staff. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.

25. IT COMPUTER SYSTEMS ANALYST (ASSOCIATE)

Analyzes information requirements. Evaluates analytically and systematically problems of workflows, organization, and planning and assists Senior Computer Systems Analyst and Computer Systems Analyst develop appropriate corrective action. Help develop plans for automated information systems from project inception to conclusion. Defines the problem, and develops IT system requirements and program specifications, from which programmers prepare detailed flow charts, programs and tests. Coordinates closely with programmers to ensure proper implementation of program and system specifications. Develops, in conjunction with functional users, system alternative solutions. **Education/Experience:** BA/BS in a technical discipline with 2 years of experience.

26. IT COMPUTER SYSTEMS ANALYST (INTERMEDIATE)

Analyzes and develops computer software possessing a wide range of capabilities, including numerous engineering, business and records management functions. Develops plans for automated information systems from project inception to conclusion. Analyzes technical user interfaces, maintain hardware and software performance tuning, analyze workload and computer usage, maintain interfaces with outside systems, analyze downtimes, analyze proposed system modifications, upgrades and new COTS. Analyzes the problem and the information to be processed. Defines the problem, and develops IT system requirements and program specifications, from which programmers prepare detailed flow charts, programs, and tests. Coordinates closely with programmers to ensure proper implementation of program and system specifications. Develops, in conjunction with functional users, system alternative solutions. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

27. IT COMPUTER SYSTEMS ANALYST (LEAD)

Provides technical and administrative direction for IT personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Coordinates with the Project and/or Program Manager to ensure problem solution and user satisfaction. Makes recommendations, if needed, for approval of major systems installations. Prepares milestone status reports and deliveries/presentations on the system concept to colleagues, subordinates, and end user representatives. Provides daily supervision and direction to support staff. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.



28. IT CONFIGURATION MANAGEMENT SPECIALIST (ASSOCIATE)

Supports IT configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting and configuration audits. Supports configuration planning. Identifies and maintains the original configuration of requirements documentation, design documentation, software, and related documentation. Responsible for configuration change control. Supports the change process so that only approved and validated changes are incorporated into product documents and related software. Responsible for configuration status accounting. Tracks all problems and changes in product documents and software and reports changes and current configuration. Responsible for configuration audits. Supports audits to verify that requirements of all baselines have been met by the as-built software. Supports the software quality assurance process audits. **Education/Experience:** BA/BS with at least 2 years of experience.

29. IT CONFIGURATION MANAGEMENT SPECIALIST (INTERMEDIATE)

Responsible for IT configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting and configuration audits. Responsible for configuration planning. Identifies and maintains the original configuration of requirements documentation, design documentation, software, and related documentation. Responsible for technical configuration change control. Regulates the change process so that only approved and validated changes are incorporated into product documents and related software. Responsible for configuration status accounting. Tracks all problems and changes in product documents and software and reports changes and current configuration. Responsible for configuration audits. Supports audits to verify that requirements of all baselines have been met by the as-built software. Supports software quality assurance process audits. **Education/Experience:** BA/BS with at least 5 years of experience.

30. IT CONFIGURATION MANAGEMENT SPECIALIST (LEAD)

Responsible for IT configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting and configuration audits. Responsible for configuration planning. Identifies and maintains the original configuration of requirements documentation, design documentation, software and related documentation. Responsible for configuration change control. Regulates the change process so that only approved and validated changes are incorporated into product documents and related software. Responsible for configuration status accounting. Tracks all problems and changes in technical product documents and software and reports changes and current configuration. Responsible for configuration audits. Supports audits to verify that requirements of all baselines have been met by the as-built software. Supports software quality assurance process audits. **Education/Experience:** BA/BS with at least 10 years of experience.

31. IT COST ANALYST



Performs IT Functional Economic Analysis (FEA) to evaluate the costs of alternative ways to accomplish functional objectives. The FEA states investment costs, benefits, and risks as a net change to the functional baseline cost, the cost of doing business now and in the future. Ensures that cross-functional, security, and other integration issues are addressed. **Education/Experience:** BA/BS in a technical or financial discipline with at least 2 years of experience.

32. IT CTI / VVID ENGINEER LEVEL 2

Knowledge in one or more aspects of telecommunications, internetworking, data networking, computer telephony integration (CTI), and/or video, voice, and data network converged networks (VVIDs). Primarily deals with IP and Frame-Relay-based VVID networks. This individual has broad technical knowledge in one or more areas of the telecommunications, internetworking, and data systems network arenas, and may have specialized knowledge in one or more of the following areas: routing and switching infrastructures, transport technologies, network management, Internet protocol (IP) telephony integration, basic network security and Internet service provider (ISP)/dial-up technologies-for computer telephony integration (CTI) and/or video, voice, and data converged networks. Capable of working with supervision on specific tasks associated with the implementation of telecommunications, internetworking, and data network systems. Provides assistance and performs general tasks for CTI and/or VVID converged networks. Performs general technical support in one or more areas associated with telecommunications, internetworking, data network systems, CTI and/or VVID converged networks. Performs tasks associated with the interoperability and integration of the above networks. Assists in testing or analysis of telecommunications, data, and VVID networks. May perform other duties as required. **Education/Experience:** BA/BS in a technical discipline with at least 2 years of experience.

33. IT CTI / VVID ENGINEER LEVEL 3

Has in-depth knowledge in multiple aspects of telecommunications; and/or internetworking; and/or data systems networking. This individual has broad technical knowledge in one or more areas of the telecommunications, internetworking, and VVID network arena, and may have specialized knowledge in one or more of the following areas: routing and switching infrastructures, transport technologies, network management, IP telephony integration, advanced network security, ISP/ dial-up, system network architecture (SNA)/IP migration. Is capable of supporting IP, frame relay, and asynchronous transfer mode (ATM)-VVID networks. Capable of supervising and managing the implementation of specific aspects of telecommunications, internetworking, and data systems networking; also capable of supervising a team of engineers in highly complex data, internetworking, and telecommunications network projects. Provides lead engineer support for a specific technology area associated with telecommunications, internetworking, data systems networking, and CTI/VVID networks. Performs technical lead management responsibilities for the specific areas above. Provides in-depth analysis on interoperability, protocols, and services, as well as migration and technology transfer programs for CTI and VVID networks. Provides advanced technical support in one or more specific areas associated with network-architecture



technologies, interoperability, and integration for CTI/VVID networks. May perform other duties as required. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

34. IT CTI / VVID ENGINEER LEVEL 4

Subject matter expert in one or more aspects of telecommunications, internetworking, data networking, and CTI/VVID converged networks. This individual has specialized technical knowledge in one or more aspects of the telecommunications, internetworking, data network, and CTI/VVID fields and may have specialized knowledge in one or more of the following areas: routing and switching infrastructures, transport technologies, network management, IP telephony integration, advanced network security, ISP/ dial-up, and SNA/IP migration-for CTI/VVID converged networks. Supervises or manages technology-specific implementation projects and is considered a subject matter expert or leading specialist in a particular technology vertical. Capable of managing and supervising multiple engineering teams or departments in highly complex telecommunications internetworking, data network, and CTI/VVID converged networks. Provides lead analysis and consultation for complex CTI/VVID converged networks designs. Provides leadership or direction on research and testing associated with telecommunications, internetworking, data networks, and CTI/VVID converged networks projects, as well as interoperability and integration testing. Performs management responsibilities for a program or network staff. Able to perform modeling and simulation services for complex CTI/VVID converged networks. May perform other duties as required. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.

35. IT DATA STANDARDIZATION SPECIALIST

Provides technical support in the evaluation of prime object names, data elements and other objects. Evaluates proposed objects and their attributes. Ensures that proposed object definitions are clear, concise, technically correct and that they represent singular concepts. Ensures that the values of object attributes and domains are accurate and correct. Ensures that the proposed objects are consistent with data and process models. **Education/Experience:** BA/BS with at least 2 years of experience.

36. IT DATABASE ADMINISTRATOR

Under general direction, implements, monitors, and reorganizes databases, codes, tests, implements, and maintains IT database architectures. Executes utility requirements such as reorganization, back-up and recovery. Analyzes and resolves database system production problems. Analyzes user requirements and statistics, and participates in database design and performance evaluation reviews. Advises systems engineers on database coding issues. Prepares system documentation. May be involved in the data modeling process. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.



37. IT DATABASE ADMINISTRATOR IV

Design, install, monitor, maintain, and performance-tune IT production databases while ensuring high levels of data availability. Responsible for developing, implementing, and overseeing database policies and procedures to ensure the integrity and availability of databases and their accompanying software. Recommends solutions by defining database physical structure and functional capabilities, database security, data backup, and recovery specifications. Maintains database performance by calculating optimum values for database parameters, implementing new releases, completing maintenance requirements, and evaluating computer operating systems and hardware products. **Education/Experience:** BA/BS in a technical discipline with at least 7 years of experience.

38. IT DATABASE MANAGEMENT SPECIALIST

Provides highly technical expertise in the use of DBMS. Evaluates and recommends available DBMS products to support validated user requirements. Defines file organization, indexing methods and security procedures for specific user applications. **Education/Experience:** BA/BS in a technical discipline with at least 2 years of experience.

39. IT DOCUMENTATION SPECIALIST

Gathers, analyzes and composes technical information. Conducts research and ensures the use of proper technical terminology. Translates technical information into clear, readable documents to be used by technical and non-technical personnel. **Education/Experience:** BA/BS with at least 2 years of experience.

40. IT ENTERPRISE COMMUNICATIONS / NETWORK MANAGER

Plans, directs and coordinates network operation and performance functions to ensure network availability and high-quality transmissions. Responsible for personnel and activities involved in monitoring, isolating, resolving and circumventing network problems. Advises management and interfaces with customers concerning problems affecting network performance. Plans implementation of enhancements and upgrades to the network and the acquisition, installation and testing of network hardware and software. Manages resource usage to minimize costs and maximize network availability. Interfaces with users to define present network needs and plan for future requirements. **Education/Experience:** BA/BS with at least 2 years of experience.

41. IT FUNCTIONAL ANALYST I

Analyzes user needs to determine functional and cross functional IT requirements. Performs data analysis and prepares statistical analysis and reports. Performs functional analysis of data sets to produce analytical deliverables to clients. Possesses requisite knowledge and experience in the requirements and integration. **Education/Experience:** BA/BS in a technical discipline with at least 1 year of experience.

42. IT FUNCTIONAL ANALYST II



Analyze user needs to determine functional and cross-functional IT requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. **Education/Experience:** BA/BS with at least 3 years of experience.

43. IT SENIOR FUNCTIONAL ANALYST

Analyze user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Provides daily supervision and direction to support staff. **Education/Experience:** BA/BS with at least 5 years of experience.

44. IT GRAPHIC ARTIST

Provides IT graphic arts development and support to the Documentation Specialist, Technical Writer, and Senior Level Management. May work under the direction of the aforementioned or may work independently. Consults and advises customers' staff regarding graphic projects requiring professional treatment. Creates and visualizes ideas graphically for technical publications and Web sites. Revises subject matter for graphic presentation, selecting materials and processes, and designs format. Prepares and oversees the preparation of original designs, drawings, graphs, charts, models, and exhibits for external presentation and publication. Determines requirements for publication artwork, including selection of ink, paper, and type style in conjunction with publication customers. Consults with and advises customers concerning pending graphics, publications, and artwork, including cost estimates and artwork content. Plans and designs the production of graphics used in complex instructional aids, exhibits, and multi-image presentations. Reviews layouts, sketches, and final plans for production and evaluates artistic media. Coordinates production workflow of publications (house organs, periodicals, brochures, and manuscripts). **Education/Experience:** At least 2 years of experience.

45. IT HARDWARE / SOFTWARE INSTALLATION TECHNICIAN

Conducts sites surveys; assesses and documents current site IT network configuration and user requirements. Designs and optimize network topologies. Analyzes existing requirements and prepares specifications for hardware/software acquisitions. Prepares engineering plans and site installation Technical Design Packages. Develops hardware/software installation schedules. Prepares drawings documenting configuration changes at each site. Prepares site installation and test reports. Configures computers, communications devices and peripheral equipment. Installs network hardware/software. Trains site personnel in proper use of hardware/software. Builds specialized interconnecting cables. Performs first line support for service interruptions such as printer routings, power outages, wiring problems, and malfunctioning servers. Escalates unresolved problems to expedite resolution. **Education/Experience:** BA/BS with at least 2 years of experience.

46. IT SENIOR HARDWARE / SOFTWARE INSTALLATION TECHNICIAN



Monitors, operates, and maintains IT hardware and software for a computing platform. Organizes and directs hardware installations on site surveys. Assesses and documents current site network configuration and user requirements. Maintains disaster recovery procedures for hardware and resident software, and related network communications equipment. Designs and optimizes network topologies. Analyzes and develops new hardware requirements and prepares specifications for hardware acquisitions. Directs and leads preparation of engineering plans and site installation technical design packages. Develops hardware installation schedules. Mobilizes installation team. Directs and leads preparation of drawings documenting configuration changes at each site. Prepares site installation and test reports. Coordinates post installation operations and maintenance support. Performs system backup and recovery activities. Audits the hardware/software inventory to ensure integrity as well as licensing compliance. Updates and maintains site administration manual documentation. May provide user orientation on hardware and software operations. **Education/Experience:** BA/BS with at least 5 years of experience.

47. IT HARDWARE / SOFTWARE SPECIALIST

Reviews computer systems in terms of machine capabilities and man-machine interface. Prepares reports and studies concerning hardware and/or software. Keeps abreast of emerging operational support technologies and industry trends. Prepares functional requirements and specifications for hardware/software acquisitions. Monitors system performance, gathers data, and prepares management reports. Ensures that problems have been properly identified and solutions will satisfy the user's requirements. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

48. IT HELP DESK MANAGER

Provides daily supervision and direction to IT staff who are responsible for phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications and applications developed or deployed under this contract. These personnel serve as the first point of contact for troubleshooting hardware/software PC and printer problems. **Education/Experience:** BA/BS with at least 5 years of experience.

49. IT HELP DESK SPECIALIST

Provides phone and in-person IT support to users in the areas of e-mail, directories, standard Windows desktop applications, and applications developed under this contract or predecessors. Serves as the initial point of contact for troubleshooting hardware/software PC and printer problems. **Education/Experience:** BA/BS with at least 2 years of experience.

50. IT HELP DESK SUPPORT I

Provides IT support to end users on a variety of issues. Identifies, researches, and resolves technical problems. Responds to telephone calls, email and personnel requests for technical



support. Documents, tracks and monitors the problem to ensure a timely resolution. Other duties as assigned. **Education/Experience:** High school diploma.

51. IT JUNIOR INFORMATION ASSURANCE (IA) ANALYST

Under general technical supervision, performs operational information assurance activities in a computing, network, or enclave environment. In accordance with the provisions of DoD Directive 8570.01-M, monitors multi-level security networks to identify potential security violations, incidents, attacks, and malicious behavior. As appropriate, takes appropriate action to report incident to higher authority as required by regulation, policy, or law and implement required IA security measures to assist in the mitigation of incident impact. Conducts analyses and documents intrusion detection incidents and data. Performs routine IA administrative tasks IAW applicable instructions and pre-established guidelines. Performs routine preventive and corrective maintenance, test and monitors network activities. Assists with the installing, day to day technical supporting, testing, and troubleshooting of IA systems in accordance with established policy, procedures, test plans and guidance. **Education/Experience:** BA/BS with at least 2 years of experience.

52. IT INTERMEDIATE INFORMATION ASSURANCE (IA) ANALYST

Under general technical supervision, performs network monitoring, analysis and reporting in accordance with the provisions of DoD Directive 8570.01-M. These skills and their associated duties may include the following: Intrusion: Examines potential security violations, incidents, malicious activity and attacks to determine if policy has been breached, assesses the impact, and preserves artifacts. Enters and tracks events and incidents. Supports incident escalation and assesses probable damages, identifies damage control and remediation, and assists in developing courses of action. Supervises the installation, monitoring, testing, troubleshooting, and administration of IA hardware and software systems. Recommends, schedules, and performs IA system repairs, systems administration, and maintenance. Analyzes patterns of non-compliance or attacks and recommends appropriate actions to minimize security risks and insider threat. Configures, optimizes, and tests network devices. Diagnoses and resolves IA problems in response to reported incidents. Enhances rule sets to identify or block sources or potential sources of malicious traffic. Supports the design and execution of exercise scenarios. Specialist: Implements, and monitors policies and procedures reflecting the legislative intent of applicable laws and regulations. Prepares, distributes, and maintains plans, instructions, guidance, and standard operational procedures concerning Information Security. Participates in IA risk assessments during the C&A process. Prepares, reviews, and evaluates documentation of compliance. Prepares recommendations for the DAA. Reviews IA and IA enabled software, hardware, and firmware for compliance with appropriate security configuration guidelines, policies, and procedures. Reviews AI security plans. Identifies alternative functional IA security strategies to address organizational security concerns. Reviews security safeguards to determine that security concerns identified in approved policies, plans, and doctrine have been fully addressed. Develops and implements programs to ensure that systems, network, and data users are aware of, understand, and follow IA policies and procedures. **Education/Experience:** BA/BS with at least 5 years of experience.



53. IT SENIOR INFORMATION ASSURANCE (IA) ANALYST

Provides the leadership, management, and supervisory IA skills identified in DoD Directive 8570.01-M. These skills and their associated duties may include the following: Intrusion: Ensures the rigorous application of IA policies, principles, and practices in the delivery of all information technology (IT) and IA services. Leads and directs team personnel too quickly, efficiently and effectively to solve complex IA problems. Identifies IA requirements as part of the IT acquisition development process and assists in the formulation of IA /IT budgets. Plans, integrates, and schedules the installation of new or modified hardware, operating systems, and software applications. Supervises the assessment and implementation of identified computer and network environment fixes such as system patches and fixes associated with specific technical vulnerabilities as part of the Information Assurance Vulnerability Management program. Guides the implementation of appropriate operational structures and processes to ensure an effective IA security program including boundary defense, incident detection and response. Evaluates functional operation and performance in light of test results and make recommendations regarding C&A. Monitors and evaluates the effectiveness of IA security procedures and safeguards. Evaluates security violations to determine necessary initial and long-term corrective action. Assesses impact, determines probably damage and suggest methods of damage control, conducts computer forensics, and follow-on analysis to build historical and predictive capabilities for IA incidents. Develops IA related customer support policies, procedures, and standards. Designs perimeter defense systems including intrusion detection systems, firewalls, grid sensors, etc., enhances rule sets to detect or block sources of malicious traffic, and establishes a protective net of layered defenses to prevent, detect, and eradicate threats. Specialist: Ensures that protection and detection capabilities are acquired or developed using the IS security engineering approach and are consistent with DoD Component level IA architecture. Has a working knowledge of DoD provided IA tools. Has a working knowledge of policy, guidance and evaluation criteria of the DoD Critical Infrastructure Program. Prepares and/or oversees the preparation of IA certification and accreditation documentation. Analyzes, develops, evaluates, and integrates IA policies. Assists in the gathering and preservation of evidence used in the prosecution of computer crimes. Identifies the IT security program implications of new technologies or technology upgrades. Conducts IA cost benefit, economic and risk analysis in the IT acquisition decision making process. Interprets security requirements relative to the capabilities of new information technologies. Interprets patterns of non-compliance to determine their impacts on levels of risk and/or overall effectiveness of IA programs. Analyzes identified security strategies and recommends the best approaches and/or practices. Monitors and evaluates the effectiveness of IA security procedures and safeguards to ensure they provide the intended level of protection. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.

54. IT INFORMATION ASSURANCE / SYSTEM SECURITY ARCHITECT LEVEL 1

Participates in IT risk assessment during the Certification and Accreditation process. Designs, develops, implements, and integrates information assurance architecture, system, or system component for use within data center, network, and enclave environments. Participates in



information systems risk assessments and designs security countermeasures to mitigate identified risks. Ensures that the architecture and design of DoD information systems (IS) are functional and secure. As necessary, designs and develops IA or IA enabled products, interface specifications, and approaches to secure the environment. Entry level position that applies knowledge of existing IA policy, procedures, and structures to design, develop, and implement systems, components, or architectures. Ensures that the implementation of security designs properly mitigate identified threats. Documents system security design features and provides input to implementation plans and standard operating procedures. **Education/Experience:** BA/BS in a technical discipline with at least 2 years of experience.

55. IT INFORMATION ASSURANCE / SYSTEM SECURITY ARCHITECT LEVEL 2

Participates in IT risk assessment during the Certification and Accreditation process. Designs, develops, implements, and integrates information assurance architecture, system, or system component for use within data center, network, and enclave environments. Participates in information systems risk assessments and designs security countermeasures to mitigate identified risks. Ensures that the architecture and design of DoD information systems (IS) are functional and secure. As necessary, designs and develops IA or IA enabled products, interface specifications, and approaches to secure the environment. Assesses threats to the environment and provides input on the adequacy of security designs and architectures. Reports to senior IA architect, IA manager, or DAA for most operations with separate reporting to other senior management for network operational requirements, as necessary. Utilizes experience and judgment to plan and accomplish goals. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

56. IT INFORMATION ASSURANCE / SYSTEM SECURITY ARCHITECT LEVEL 3

Participates in IT risk assessment during the Certification and Accreditation process. Designs, develops, implements, and integrates information assurance architecture, system, or system component for use within data center, network, and enclave environments. Participates in information systems risk assessments and designs security countermeasures to mitigate identified risks. Ensures that the architecture and design of DoD information systems (IS) are functional and secure. As necessary, designs and develops IA or IA enabled products, interface specifications, and approaches to secure the environment. Utilizes experience and judgment to plan and accomplish enclave security related goals. Supports system or network designs that encompass multiple data center or networks to include those with differing data protection/classification requirements. Reports to DAA for IA issues with separate reporting to other senior management for network operational requirements, as necessary. **Education/Experience:** BA/BS with at least 10 years of experience.

57. IT PRINCIPAL INFORMATION ASSURANCE SUBJECT MATTER EXPERT

Expert in all functional and technical requirements associated with IAT position requirements as specified in DoD Directive 8570.01-M. Applies extensive knowledge of a variety of the IA field's concepts, practices, and procedures to ensure the secure integration and operations of



all computer enclave systems. Works independently to evaluate and solve complex IA related problems quickly and completely. Supports, monitors, tests, and troubleshoots hardware and software IA problems pertaining to the enclave environment. Prepares and/or oversees the preparation of IA certification and accreditation documentation. Develops system-wide information security requirements based upon the analysis of user, policy, regulatory, and resource demands for complex network and enclave systems. Supports customers at the highest levels in the development and implementation of doctrine and policies. Provides leadership and guidance in the development, design and application of solutions implemented by more junior staff members. May have top-level management responsibilities. Coordinates with senior representatives within the customer organizations to establish and define programs, resources and risks. Applies expertise to Government and commercial common user systems, as well as to dedicated special purpose systems requiring specialized security features and procedures. Provides guidance and direction to other professionals and serves in a consulting and/or advisory capacity. **Education/Experience:** MA/MS in a technical discipline with at least 15 years of experience.

58. IT INFORMATION ENGINEER I

Applies an enterprise wide set of technical disciplines for the planning, analysis, design and construction of information systems on an enterprise wide basis or across a major sector of the enterprise. Develops analytical and computational techniques and methodology for problem solutions. Performs enterprise wide strategic systems planning, business information planning, business and analysis. Performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools. Applies reverse engineering and re-engineering disciplines to develop migration strategic and planning documents. **Education/Experience:** BA/BS in a technical discipline with at least 1 year of experience.

59. IT INFORMATION ENGINEER (ASSOCIATE)

Under general direction, applies specialization within a line of business to provide programming and technical leadership in support to provide programming and technical leadership in support of customer needs, develops, codes, tests and implements computer programs and subsystems utilizing multiple programming languages. Leads subsystem design and participates in system design projects, assists on coding, testing, implementation, and documentation projects. Participates in implementations, major system upgrades or enhancements, and conversions. Interfaces with customers to define system requirements and priorities. Analyzes and assists others in resolving production problems, supports business studies, costing and feasibility studies and proposal preparation efforts. **Education/Experience:** BA/BS with at least 3 years of experience.

60. IT INFORMATION ENGINEER (INTERMEDIATE)

Under broad direction, designs and implements data processing systems which meet customer business needs, leads and participates in IT system design teams. Plans, schedules and coordinates project implementations and ensures that customer requirements are met. Assists



others on technical or industry-related issues. Anticipates customer problems and recommends solutions. Applies business process improvement practices to reengineer methodologies/principles and business process modernization projects. Applies, as appropriate, activity and data modeling, transaction flow analysis, internal control and risk analysis and modern business methods and performance measurement techniques. Assist in establishing standards for information systems procedures. Develops and applies organization-wide information models for use in designing and building integrated, shared software and database management systems. Constructs sound, logical business improvement opportunities consistent with corporate Information Management guiding principles, cost savings, and open system architecture objectives. Provides daily supervision and direction to staff. **Education/Experience:** BA/BS with at least 5 years of experience.

61. IT PRINCIPAL INFORMATION ENGINEER

Applies an enterprise-wide set of technical disciplines for the planning, analysis, design and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Develops analytical and computational techniques and methodology for problem solutions. Utilizes performance analysis to predict performance trends, and identify unique and systemic performance anomalies. Provides specialized knowledge of systems operations, risk management principals, and leading-edge industry technologies to develop enterprise level migration and consolidation plans that result in minimum risk, optimum performance solutions. Interfaces with all levels of IT customer and operations staff Provides technical guidance in software engineering techniques and system design and technology issues relating to system migration and consolidation. **Education/Experience:** BA/BS with at least 10 years of experience.

62. IT ASSOCIATE INFORMATION TECHNOLOGY CONSULTANT

Significant accomplishment as an expert in large integrated IT systems. Experience with several ADP architectures and platforms in an integrated environment. Stays current with advances in information technology. Assists in the analysis of current and projected service maintenance personnel and facility requirements. Designs interfaces to allow incompatible equipment to function as a unified system. **Education/Experience:** BA/BS with at least 2 years of experience.

63. IT INFORMATION TECHNOLOGY CONSULTANT

Leads major portions of large or medium IT projects, and leads small projects autonomously. Gathers facts through research, interviewing, surveys, etc. analyzes the client's business, draws conclusions, prepares final reports and gives technical presentations. Uses in-depth consultative skills and business knowledge to practice business objectives and processes. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

64. IT SENIOR INFORMATION TECHNOLOGY CONSULTANT



The senior IT consultant manages the project work as defined by the client contract. Leads medium to large complex projects and major phases of very large projects. The senior consultant also manages the fact finding, analysis and development of hypothesis/conclusions, production of final reports and delivery of presentations. Responsible for ensuring that the project delivers to client expectations on time and to budget. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.

65. IT EXECUTIVE INFORMATION TECHNOLOGY CONSULTANT

Manages and implements large, complex information technology systems. Experienced in advising senior executives on effective utilization of information technology systems and reengineering to meet business objectives. Identify user requirements and describe services available or refer inquiries to other staff within installation. Provides technical support of a limited scope to users and assist them in defining and solving computing problems within well-defined areas of responsibility. Assists in preparing documentation of supported products for other staff members and users. Assists in preparing user training materials and conduct training sessions as assigned. Perform programming tasks of limited scope to assist users. **Education/Experience:** MA/MS in a technical discipline with at least 15 years of experience.

66. IT SENIOR INFORMATION TECHNOLOGY EXPERT

Designs, develops and manages implementation of risk assessment and business contingency planning framework, methodology and tools to ensure business continuity of operations across a large, multi-division, decentralized organization. Supports multi-language, multi-platform and multi-operating system operations and utilizes electronic commerce and Electronic Data Interchange (EDI) applications. In emerging technologies, recognizes and recommends new or emerging technology or software to satisfy functional requirements and processes. Provides highly technical and/or specialized guidance concerning automation solutions to complex information processing problems related to the subject field. Provide customer support using enterprise solutions software to integrate business areas, consistent with today's technology in order to operate in an open systems environment and client service architectures. In computer engineering, analyzes data processing requirements to plan EDP systems to provide system capabilities required for projected workloads. Plans layout and installation of new systems or modification of existing systems. May set up and control analog or hybrid computer systems to solve scientific and engineering problems. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.

67. IT INSTRUCTIONAL SYSTEMS DESIGNER (INTERMEDIATE)

Under minimal direction, conducts needs analysis of groups, processes, or products to identify performance requirements of IT training and curricula to insure effectiveness in achieving desired training results and meet mission objectives. Analyzes, delivers, and evaluates training and support materials. Assures delivery of training courses supporting specific customer needs. Enhances customer satisfaction and loyalty by assisting in the definition, implementation, rollout, marketing, and continual evaluation of the program. Provides consulting services to



customer on all program aspects to include program development, organizational readiness, and marketing strategies. Manage implementation/deployment projects for new and upgraded products and services. Coordinates interaction between Government and contractor to support and enhance client program initiatives, quality assurance, and problem resolution. Contributes directly to the building of customer goodwill, satisfaction, and loyalty. Facilitates defining/enhancing the client's business needs, goals, success criteria, and program strategy. Demonstrates excellent teamwork and strategic partnership skills and abilities.
Education/Experience: BA/BS with at least 2 years of experience.

68. IT INSTRUCTIONAL SYSTEMS DESIGNER (LEAD)

Analyzes, designs, develops, delivers and evaluates IT training and support materials. Conducts needs analysis of groups, processes, jobs, tools, or products to identify performance requirements of training and curricula. Determines appropriate design to ensure that training products are instructionally and educationally sound and develops training materials based on results of content research conducted with subject matter experts and customers. Selects and provides guidance on use of various types of media to be integrated into training products. Evaluates training products and services to measure effectiveness in achieving desired results. Delivers training courses supporting specific customer or corporate business needs and provides guidance to other instructors. Leads the application of new development and delivery technologies and techniques by piloting the new programs, developing supporting instructional tools, and coaching other users. Leads instructor certification efforts. May provide tutoring and extensive supplementary training to individual participants based on need/request.
Education/Experience: BA/BS with at least 5 years of experience.

69. IT INTERN I

Provides all aspects of IT administrative support including processing requests from team members, answering correspondence and general inquiries. Writes and edits documents. Conducts research as requested from technical specialists, engineers, and team members.
Education/Experience: High School Diploma/actively pursuing educational degree.

70. IT SENIOR KNOWLEDGE MANAGEMENT SPECIALIST

Leads the design of IT knowledge management systems; formulates and defines system scope and objectives. The Senior Knowledge Management Specialist assists organization in defining knowledge content, organization, and key words; prepares detailed specifications for knowledge management programs to include process definition for knowledge capture and management; manages the design of knowledge management user interface features, site animation, and special knowledge management features including enhancing the look and feel of the organization's on-line knowledge management screens. The Senior Knowledge Management Specialist works with organization web designers, data managers and



programmers to support and implement the organization's knowledge management program; maintains an understanding of organization's knowledge management principles, procedures and processes and support the work of the organization's knowledge management team. The Senior Knowledge Management Specialist also instructs, directs, and checks the work of knowledge management specialists. **Education/Experience:** BA/BS with at least 5 years of experience.

71. IT PRINCIPAL KNOWLEDGE MANAGEMENT SPECIALIST

Recognized for in-depth technical knowledge of a specific product or families of knowledge management applications, products and associated applications interface technologies. The Principal Knowledge Management Specialist utilizes technical area competencies to assess the operational and/or technical baseline of an organization as specifically associated with its functional components. Examples of the functional areas would include Information Technology, Human Resources, Finance, Logistics, Transportation, etc. The Principal Knowledge Management Specialist works with information technology professionals to provide insight and advice to senior managers and executives, concerning the strategic direction and applicability of knowledge management techniques and products. The Principal Knowledge Management Specialist assumes a lead role in contributing to the development of standards and best practices surrounding the use of knowledge management techniques and applications. The Principal Knowledge Management Specialist provides technical insight into the determination of technical inadequacies and/or deficiencies that affect the functional area's ability to support/meet organizational knowledge management goals and generates technical strategies for enhanced knowledge management operations, as well as ways to improve productivity across functional areas within the organization. The Principal Knowledge Management Specialist has significant experience with knowledge management products and tools. Participates in technical assessments and reviews to validate the technical approach and associated work products, for knowledge management implementations. Provides guidance and direction to other professionals, acts in a consulting and/or advisory capacity; coordinates resolution of highly complex problems and tasks, possesses ability to meet and operate under deadlines. Activities related to the knowledge management processes, include but are not limited to: content analysis, document management, data capture, portals, workflow, collaboration, data warehousing, decision support, information dissemination; planning to encompass the strategy, architecture and methodology for an enterprise modernization effort; selection, implementation and measure of packaged solutions for enterprise modernization; complete integration of applications with target data and defined processes. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.

72. IT LOGISTICS ANALYST (ASSOCIATE)

Under broad direction, performs technical logistic support functions. Must be familiar with the principles of purchasing, handling, control and transportation of material and other property. Works under general supervision. Performs tasks in support of logistics projects. Develops, upgrades and improves systems for tracking and reporting material, material handling



procedures and scheduling. **Education/Experience:** High School Diploma with at least 2 years of experience.

73. IT LOGISTICS ANALYST (INTERMEDIATE)

With minimal direction, performs technical logistic support functions. Must be familiar with the principles of purchasing, handling, control and transportation of material and other property. Works under limited supervision. Performs tasks in support of logistics projects. Develops, upgrades and improves systems for tracking and reporting material, material handling procedures and scheduling. May supervise other Logistics Analysts or Logisticians.

Education/Experience: BA/BS with at least 5 years of experience.

74. IT LOGISTICS ANALYST (LEAD)

Performs technical logistic support functions. Must be familiar with the principles of purchasing, handling, control and transportation of material and other property. Works independently. Performs tasks in support of logistics projects. Develops, upgrades and improves systems for tracking and reporting material, material handling procedures and scheduling. Directs and supervises other Logistics Analysts or logisticians.

Education/Experience: BA/BS with at least 10 years of experience.

75. IT NET-CENTRIC ENTERPRISE ARCHITECT

Provides technical leadership for specifying, designing, implementing, testing, accrediting, deploying, and sustaining enterprise system and service architectures in a distributed, net-centric environment. Leverages DoD policies, architectural frameworks, and commercial best practices to design and develop Service Oriented Architectures that satisfy enterprise scale requirements. Leads system architects and engineers in decomposing an enterprise architecture into system components and services for analysis, design, implementation, testing, accreditation, deployment, and sustainment. Keeps abreast of new enterprise architecture solutions including leading edge technologies such as grid computing, cloud computing, and Service Oriented Architecture (SOA). Maintains technical currency on evolving technology trends and available COTS products that implement these technologies.

Education/Experience: BA/BS with at least 5 years of experience.

76. IT SENIOR NET-CENTRIC ENTERPRISE ARCHITECT

Synthesizes IT enterprise system and service requirements based on broad customer needs. Directs other architects and reviews the specification and design of enterprise system and service architectures in a distributed, net-centric environment. Leverages DoD policies, architectural frameworks, and commercial best practices to lead teams of architects in the design and development of Service Oriented Architectures that satisfy enterprise scale requirements. Defines the concept of operations and Tactics, Techniques, and Procedures (TTPs) for the system's use within the enterprise. Keeps abreast of new enterprise architecture



solutions including leading edge technologies such as grid computing, cloud computing, and Service Oriented Architecture (SOA). Maintains currency on commercial technologies and other Government initiatives to identify opportunities for technology reuse or transition. Advises senior decision makers and seeks approval for enterprise designs. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.

77. IT EXECUTIVE NET-CENTRIC ENTERPRISE ARCHITECT

Develops high-level system concepts and associated system requirements for net-centric solutions in a Service Oriented Architecture that satisfy DoD transformational goals. Directs teams of technical architects and engineers to turn net-centric concepts into realizable, scalable, creditable implementations. Assists the Government in defining DoD policies, guidance, concept of operations, and Tactics, Techniques, and Procedures (TTPs) to govern system implementation within the enterprise. Oversees teams of architects and engineers to ensure they are designing, implementing, testing, accrediting, deploying, and sustaining systems and services in conjunction with DoD policies, architectural frameworks, and commercial best practices. Keeps abreast of new enterprise architecture solutions including leading edge technologies such as grid computing, cloud computing, and Service Oriented Architecture (SOA). Maintains currency on commercial technologies and other Government initiatives to identify opportunities for technology reuse or transition. Advises senior decision makers and seeks approval for enterprise concepts and requirements. **Education/Experience:** MA/MS in a technical discipline with at least 15 years of experience.

78. IT NET-CENTRIC ENTERPRISE SECURITY SYSTEMS ENGINEER

Senior-level IT professional and requires a high level of information assurance and security experience. Possesses specific IT systems engineering knowledge and experience in one or more areas including current security technologies such as Public Key Infrastructure (PKI), Key Management (KM), Key Root Management (KRM) and Virtual Private Networks (VPN), but also emerging technologies such as but not limited to Identity Management (IdM), Privilege Management (PrM), Digital Policy Management, IA Metadata, Crypto Key Management, Credential Management and Attribute Management. Frequently requires high level of security clearance at TOP SECRET and SECRET security levels to perform work at contractor or Government sites. Able to independently accomplish complex requirements. Performs requirements analysis to determine security needs for complex software, systems, components, and networks. Designs software tools and subsystems to support integration of security products into a secure IT environment. Interface with client to determine present and future secure network needs, and designs complex network architecture to meet requirements. Designs and implements test and evaluation processes for security and resolves complex integrity issues. Provides guidance to less experienced secure systems/software engineers. Performs complex assignment with little guidance. Has latitude in completing broad objectives **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.



79. IT PRINCIPAL NETWORK ARCHITECT-CTI / VVID CONVERGED NETWORKS

Leading technical expert (LE) in one or more aspects of telecommunications, internetworking, data networks, and CTI/VVID converged networks. Has broad high-level technical knowledge in telecommunications, internetworking, data networks, and CTI/VVID converged networks. This individual spans both voice and data telecommunications and has the capability to direct, design, or develop network architecture plans, implementation or cutover plans, and technical white papers or perform requirements analysis for interoperability issues associated with CTI/VVID communications environments. Supervises or manages technology-specific implementation projects and is considered an LE in one or more fields associated with CTI/VVID converged networks. Capable of managing and supervising multiple specialty engineers in highly complex telecommunications, internetworking, or data network projects. Provides architectural and enterprise level consulting and design, for complex telecommunications, internetworking, data networks, and CTI/VVID converged networks. Provides leadership or direction on innovative research associated with complex telecommunications, internetworking, and data networks, and CTI/VVID converged networks projects, as well as network interoperability and integration. Performs management responsibilities for multiple engineering teams and departments. Provides in-depth analysis on communications and network models and technologies; transport layer architectures; emerging protocols and technologies; and knowledge transfer and repositories associated with CTI/VVID converged networks. May perform other duties as required. **Education/Experience:** MA/MS in a technical discipline with at least 15 years of experience.

80. IT NETWORK ENGINEER I

Responsible for complex technical engineering and/or analytical tasks and activities associated with one or more technical areas within the networking function to include, but not limited to, network design, engineering, implementation, or operations/user support, and basic networking concepts in the analysis, study, and design of data networks. Assists more experienced network engineers in analyzing network characteristics (e.g., traffic, connect time, transmission speeds, packet sizes, and throughput). Assists in planning installations, transitions, and cutovers of network components and capabilities. Assist in maintaining, operating, monitoring and troubleshooting IT Network Infrastructure, Network Security, and Network Management products. **Education/Experience:** BA/BS in a technical discipline.

81. IT NETWORK ENGINEER (ASSOCIATE)

Collects and implements IT Network information requirements using analysis in the development of enterprise-wide or large-scale networking infrastructure (CAN, MAN, WAN). Implements architecture to include the software, hardware and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensures these Network systems are compatible and in compliance with the standards for open systems architectures, the OSI and ISO reference models, and profiles of standards - such as IEEE OSE reference model - as they apply to the implementation and specification of IM solution of the network layers, across the API, and the external



environment/software application. Ensures that the network/transport layers of the common operating environment are compliant. Evaluates problems in network usage, organization and planning and develops appropriate corrective action. Works with internal team, the customer, and vendors to define, analyze, and provide solutions for the customer's voice, data, and image communications requirements. Uses design tools to evaluate projected network usage and produce media, technical and cost solutions for multiple networks. Selects and configures hardware and software for multiple-site networks, plans, designs, and implements network management systems to monitor, diagnose, control, and measure performance of communications networks that impact multiple sites. Uses and recommends changes to network administration systems to ensure accurate network inventory and timely implementation. **Education/Experience:** BA/BS with at least 2 years of experience.

82. IT NETWORK ENGINEER (INTERMEDIATE)

Under broad direction, provides technical leadership in the planning, investigation, design, and implementation of physical and logical communications solutions having network-wide impact. Provides solutions that incorporate integration of digital encoding formats, line codes, and timing concepts across engineering disciplines and environments. Influences team members, the customer, and vendors to define, analyze, and provide solutions for the customer's voice, data, and image communications requirements. Prepares complex workprints and schematics to define and illustrate entire network structures and solutions. Identifies and recommends new design tools for use in communications projects. Evaluates projected corporate network usage and provides and implements media solutions. Participates in and influences marketing proposals and studies by providing costing models, reports, and technical solutions for network-wide projects. Identifies product modifications and influences vendors to incorporate these changes into their products. Plans, designs, and implements network managements systems to monitor, diagnose, control, and measure performance of multiple communication networks. Identifies, analyzes, and recommends new network administrative systems for entire networks to ensure accurate network inventory and timely implementation. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

83. IT NETWORK ENGINEER (LEAD)

Establishes Network information requirements using analysis of the IT Network engineer(s) in the development of enterprise-wide or large-scale networking infrastructure (CAN, MAN, WAN). Designs architecture to include the software, hardware and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensures these Network systems are compatible and in compliance with the standards for open systems architectures, the Open Systems Interconnection (OSI) and International Standards Organization (ISO) reference models and profiles of standards—such as Institute of Electrical and Electronic Engineers (IEEE) Open Systems Environment (OSE) reference model—as they apply to the implementation and specification of Information Management (IM) solution of the network layers, across the application program interface (API) and the external environment/software application. Ensures that the network/transport layers of the common operating environment are compliant. Evaluates analytically and



systematically problems of work flows and network usage, organization and planning and develops appropriate corrective action. Provides daily supervision and direction to staff. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.

84. IT NETWORK INSTALLATION TECHNICIAN

Conducts site surveys. Assesses and documents current site network configuration and user requirements. Designs and optimizes network topologies. Follows engineering plans and site installation Technical Design Packages. Develops installation schedules. Works with network installation team. Assists in the preparation of drawing and documenting configuration changes at each site. Prepares site installation and test reports. **Education/Experience:** BA/BS with at least 3 years of experience.

85. IT SENIOR NETWORK INSTALLATION TECHNICIAN

Organizes and directs IT network installations on site surveys. Assesses and documents current site network configuration and user requirements. Designs and optimizes network topologies. Directs and leads preparation of engineering plans and site installation Technical Design Packages. Develops installation schedules. Mobilizes network installation team. Directs and leads preparation of drawings documenting configuration changes at each site. Prepares site installation and test reports. Coordinates post installation operations and maintenance support. **Education/Experience:** BA/BS with at least 5 years of experience.

86. IT NETWORK MANAGEMENT SPECIALIST

Assists in all aspects of IT network management from network design through implementation and the maintenance of upgrading existing networks. Analyzes, designs, specifies, documents and implements communication system requirements to support the distributed functionality of a software engineering environment. Maintains a broad knowledge of network communications and local area network/wide area network (LAN/WAN) operations, and has a demonstrated ability to independently work on complex assignments. **Education/Experience:** BA/BS with at least 5 years of experience.

87. IT OPERATIONS MANAGER

Manages computer operations. Ensures production schedules are met. Ensures computer system resources are used effectively. Coordinates the resolution of production-related problems. Ensures proper relationships are established between customers, teaming partners and vendors to facilitate the delivery of information technology services. Provides users with computer output. Supervises staff operations. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

88. IT OPERATIONS RESEARCH ANALYST



Analyzes actual and predictable, interacting, operational activities of a military, governmental, or business system to obtain a quantitative, rational basis for decision-making through the application of logic and scientific or economic disciplines and techniques. Participates in IT planning, scheduling, and coordinating selected analytical process phases or assists in working any selection of subcomponents of the exercise/gaming activity. Devises modeling and measuring techniques; utilizes mathematics, statistical methods, engineering methods, operational mathematics techniques (linear programming, game theory, probability theory, symbolic language, etc.) and other principles and laws of scientific and economic disciplines. Possesses specific knowledge of analytical models, simulations and gaming tools. Applies extensive technical expertise, and has full knowledge of other related disciplines. Guides the successful completion of major programs and may function in a project leadership role. Develops technical solutions to complex problems that require the regular use of ingenuity and creativity. Work is performed without appreciable direction. Exercises considerable latitude in determining technical objectives of assignment. **Education/Experience:** BA/BS with at least 2 years of experience.

89. IT SENIOR OPERATIONS RESEARCH ANALYST

Analyzes actual and predictable, interacting, operational activities of a military, governmental, or business system to obtain a quantitative, rational basis for decision-making through the application of logic and scientific or economic disciplines and techniques. Experienced in simultaneously planning, scheduling, and coordinating selected IT analytical process phases, or possess the ability to work any selection of subcomponents of the exercise/gaming activity. Devises modeling and measuring techniques; utilizes mathematics, statistical methods, engineering methods, operational mathematics techniques (linear programming, game theory, probability theory, symbolic language, etc.), and other principles and laws of scientific and economic disciplines. Applies advanced technical principles, theories, and concepts. Possesses specific knowledge of analytical models, simulations, and gaming tools. Contributes to the development of new principles and concepts. Works on unusually complex technical problems and provides solutions which are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Develops advanced technological ideas and guides their development into a final product. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

90. IT EXECUTIVE OPERATIONS RESEARCH ANALYST

Analyzes actual and predictable, interacting, operational activities of a military, governmental, or business system to obtain a quantitative, rational basis for decision-making through the application of logic and scientific or economic disciplines and techniques. Devises technical modeling and measuring techniques; utilizes mathematics, statistical methods, engineering methods, operational mathematics techniques (linear programming, game theory, probability theory, symbolic language, etc.) and other principles and laws of scientific and economic disciplines. Exhibits an exceptional degree of ingenuity, creativity, and resourcefulness. Applies and/or develops highly advanced technologies, scientific principles, theories, and



concepts. Viewed as expert within the analytical field. Develops information that extends knowledge in a given field. Information may form the basis of newly developed concepts, theories and products. Often acts independently to uncover and resolve issues associated with the development and implementation of operational programs. Plans R&D programs and recommends technological application programs to accomplish long-range objectives. Work is checked only to the effectiveness of results obtained, typically requiring a long-term perspective. Virtually self-supervisory. Designs research study plans and develops highly advanced new applications resulting in new product/business opportunities for the company and in support of clients. May also serve in management capacity supporting one or more Call Orders at a specified location. Directs/supervises other analysts/game support personnel. Demonstrated ability to simultaneously plan, schedule, and coordinate all analytical process phases or possess the ability to take an exercise/game event from inception through completion, or work any selection of subcomponents of the exercise/gaming activity. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.

91. IT PLANNER / DEVELOPER II

The IT planner/scheduler manages tasks from pre-planning stages through completion, developing project Work Breakdown Structures, establishing Basis of Estimates, facilitates technical and planning meetings, and provides weekly status reports to the customer. **Education/Experience:** BA/BS with at least 2 years of experience.

92. IT PROCUREMENT ADMINISTRATOR

Directs the daily activities of the technology purchasing function. Reviews technology purchasing decisions, orders, and vendor contracts. Oversees the ordering of materials and supplies from vendors. Researches, interviews, and negotiates with suppliers to obtain prices and specifications. Creates purchase orders for the acquisition of materials and performs related administrative tasks. Other duties as assigned. **Education/Experience:** BA/BS.

93. IT PROPRIETARY PRODUCT CONSULTANT

Analyzes technical requirements and develops effective technical solutions involving proprietary products and solutions. Participates in the design of information systems involving proprietary product integration. Provides leadership and guidance to support the implementation of large systems, including methodology, proprietary product design approaches, and architectural and engineering considerations. Works with customer staff to implement customer technology, including proprietary product integration. Participates in strategic planning sessions on the implementation of information technology. Sets overall engagement direction defines processes, sets standards, and provides leadership to the project team. Responsible for planning, executing, and controlling. **Education/Experience:** BA/BS with at least 10 years of experience.

94. IT PROJECT CONTROL SPECIALIST



Directs all financial management and administrative activities, such as budgeting, manpower and technical resource planning, and financial reporting. Performs complex evaluations of existing procedures, processes, techniques, models, and/or systems related to management problems or contractual issues which would require a report and recommend solutions. Develops work breakdown structures, prepare charts, tables, graphs and diagrams to assist in analyzing problems. Provides daily supervision and direction to staff. **Education/Experience:** BA/BS with at least 5 years of experience.

95. IT CALL ORDER PROJECT MANAGER

Serves as the IT project manager for a large, complex Call Order (or a group of Call Orders affecting the same common/standard/migration system) and shall assist the Program Manager. Under the guidance of the Program Manager, responsible for the overall management of the specific Call Order(s) and insuring that the technical solutions and schedules in the Call Order are implemented in a timely manner. Performs enterprise wide horizontal integration planning and interfaces to other functional systems. **Education/Experience:** BA/BS in a technical or managerial discipline and PMP with at least 10 years of experience.

96. IT PROGRAM ADMINISTRATION SPECIALIST

Assists in the preparation of IT management plans and reports. Coordinates schedules to facilitate completion of proposals, contract deliverables, Call Order review, briefings/presentations and IPR preparation. Performs analysis, development and review of program administrative operating procedures. **Education/Experience:** High School Diploma with at least 2 years of experience.

97. IT PROJECT MANAGER III

Responsible for the coordination and completion of projects within the information technology department. Oversees all aspects of projects. Sets deadlines, assigns responsibilities, and monitors and summarizes progress of project. Builds and maintains working relationships with team members, vendors, and other departments involved in the projects. Prepares reports for upper management regarding status of project. Other duties as assigned. **Education/Experience:** BA/BS with at least 2 years of experience.

98. IT QUALITY ASSURANCE ANALYST

Provides technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, review of program documentation to assure Government standards/requirements are adhered to, and for progress in accordance with schedules. Coordinates with the Project Manager and/or Quality Assurance Manager to ensure problem solution and user satisfaction. Makes recommendations, if needed, for approval of major systems installations. Prepares milestone status reports and deliveries/presentations on the



system concept to colleagues, subordinates and end user representatives.
Education/Experience: BA/BS with at least 2 years of experience.

99. IT QUALITY ASSURANCE MANAGER

Establishes and maintains a process for evaluating technical software and associated documentation. Determines the resources required for quality control. Maintains the level of quality throughout the software life cycle. Conducts formal and informal reviews at pre-determined points throughout the development life cycle. Provides daily supervision and direction to support staff. **Education/Experience:** BA/BS with at least 5 years of experience.

100. IT SECURITY ANALYST I

Coordinates and administers security clearances for IT team members. Develops, maintains, and implements information security standards, procedures, and guidelines for applications and databases. Ensures that systems and organizational databases are protected from unauthorized access and use. Monitors systems, identifies threats, and handles disaster recovery operations. Applies basic principles, theories, and concepts to job assignments. Exhibits technical and operational proficiency in solving complex problems. **Education/Experience:** BA/BS with at least 2 years of experience.

101. IT SECURITY SYSTEM ENGINEER LEVEL 1

Identifies and mitigates vulnerabilities using alternate or compensating controls if necessary. Supports, monitors, tests, and troubleshoots IA software issues in conjunction with other IA staff to ensure timely response actions to security incidents. Recognizes potential security violations, takes appropriate action to report the incident as required by regulation, and mitigates any adverse impact. May implement applicable patches including IA vulnerability alerts (IAVA), IA vulnerability bulletins (IAVB), and technical advisories (TA) for assigned operating system(s). Under technical supervision, performs information assurance activities in data center environments. Assists with the installation, daily operation, and maintenance of IA systems to include technical support, troubleshooting, and system testing. **Education/Experience:** BA/BS in a technical discipline with at least 2 years of experience.

102. IT SECURITY SYSTEM ENGINEER LEVEL 2

Identifies and mitigates vulnerabilities using alternate or compensating controls if necessary. Supports, monitors, tests, and troubleshoots IA software issues in conjunction with other IA staff to ensure timely response actions to security incidents. Recognizes potential security violations, takes appropriate action to report the incident as required by regulation, and mitigates any adverse impact. May implement applicable patches including IA vulnerability alerts (IAVA), IA vulnerability bulletins (IAVB), and technical advisories (TA) for assigned operating system(s). Under general supervision of a network manager, uses experience and judgment as well as existing policies and regulations to provide network environment (NE) and advanced level computing environment support to include perimeter controls, internal



network monitoring, sensor implementation and analysis. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

103. IT SECURITY SYSTEM ENGINEER LEVEL 3

Identifies and mitigates vulnerabilities using alternate or compensating controls if necessary. Supports, monitors, tests, and troubleshoots IA software issues in conjunction with other IA staff to ensure timely response actions to security incidents. Recognizes potential security violations, takes appropriate action to report the incident as required by regulation, and mitigates any adverse impact. May implement applicable patches including IA vulnerability alerts (IAVA), IA vulnerability bulletins (IAVB), and technical advisories (TA) for assigned operating system(s). Under limited supervision, supports advanced computing, network, or enclave environments, applies extensive knowledge of a wide range of IA concepts, practices and procedures to ensure the secure integration and operation of all enclave systems. By working independently or leading and directing others, solves IA problems quickly and completely. **Education/Experience:** BA/BS with at least 10 years of experience.

104. IT SENIOR SERVICE ORIENTED ARCHITECTURE (SOA) CONSULTANT

Provide technical leadership and hands-on development of large-scale SOA based technology solutions provided by vendors such as IBM, BEA, Microsoft, and SUN. Strong architecture skills with an understanding and/or development experience in XML, SOAP, UDDI, J2EE, .Net, WS-Security, ITIL processes, SOA Governance, Web Services Management tools, or Object Oriented Programming. Provides strong business process and requirements analysis skills. The Senior SOA Consultant demonstrates experience with Enterprise Integration technologies including MQSI, Message Broker v5/v6, WebSphere Process Server, or CrossWorlds; provides technical skills through a hands-on approach to teams and projects developing enterprise services, interfaces, and tools, including component administration, message tracking, security configuration, and deployment within the context of a services architecture. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.

105. IT SOFTWARE DEVELOPER I

Codes software applications to adhere to designs supporting internal business requirements or external customers. Standardizes the quality assurance procedure for software. Oversees testing and develops fixes. **Education/Experience:** BA/BS in a technical discipline.

106. IT SOFTWARE DEVELOPER II

Codes software applications to adhere to designs supporting internal business requirements or external customers. Standardizes the quality assurance procedure for software. Oversees



testing and develops fixes. **Education/Experience:** BA/BS in a technical discipline with at least 2 years of experience.

107. IT SOFTWARE DEVELOPER III

Codes software applications to adhere to designs supporting internal business requirements or external customers. Standardizes the quality assurance procedure for software. Oversees testing and develops fixes. **Education/Experience:** BA/BS in a technical discipline with at least 6 years of experience.

108. IT SOFTWARE ENGINEER III

Designs, develops, tests, troubleshoots, analyzes, and maintains software programming applications. Performs systems modeling, simulation, and analysis. As required, provides inputs for documentation of new or existing programs. Designs, plans, and coordinates work teams; provides technical support as needed to various team members. **Education/Experience:** BA/BS in a technical discipline with at least 4 years of experience.

109. IT PRINCIPAL SOFTWARE ENGINEER III

Performs system and subsystem definition, preliminary and detailed design, design implementation, and subsystem and system integration and tests for a system. Participates in software requirement review, preliminary and critical design, integration readiness review, and software acceptance review. Acts as technical lead for pre-proposal, proposal, and existing program efforts. Involvement in business development includes briefing customers on company capabilities. Supports program management office in technical role. Coordinates with senior customer personnel on significant technical matters, often requiring coordinated activity across organizational lines. May provide technical guidance to team members. **Education/Experience:** BA/BS in a technical discipline with at least 4 years of experience.

110. IT SOFTWARE SYSTEMS ENGINEER (ASSOCIATE)

Under specific direction, responsible for routine and basic IT system products. Maintains currency, debugs, and configures related software products. Interfaces with other system support groups to resolves problems. Designs, codes, test and submit input to the planning and conversion for new hardware/software products. Prepares product documentation. May interface with customers to gather information on system requirements or problems. **Education/Experience:** BA/BS in a technical discipline with at least 2 years of experience.

111. IT SOFTWARE SYSTEMS ENGINEER (INTERMEDIATE)

Under minimal direction, provides specialized technical expertise within multiple IT systems, software disciplines, as well as general knowledge of related disciplines, applications implications, and customer areas. Responsible for performing in-depth analysis and technical



support of systems software products, including complex problem resolution, design, development, testing, operational integration, and user support. Assists in the planning and conversion for new hardware/software products. Maintains currency, debugs and configures related software products. Provides operating systems planning and evaluation for performance analysis, capacity planning and hardware upgrades. Works from specifications to develop or modify operating systems applications. Assists with design, coding, benchmark testing, debugging and documentation of programs. Interfaces with other system support groups to resolve problems, setting standards and improving overall efficiency of the operating system. Designs, codes, tests and implements tools for operations automation. Works on most phases of software systems programming applications, and may require instruction and guidance in other phases. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

112. IT SOFTWARE SYSTEMS ENGINEER (LEAD)

With minimum guidance provides top-level technical expertise, including performing in-depth and complex software systems programming and analysis. Designs architectures to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensures these systems are compatible and in compliance with the standards for open systems and DoD architectures. Determines and identifies high level functional and technical requirements based on interactions with the user community and knowledge of the enterprise architecture. Identifies, assesses, and presents options for meeting the functional and technical requirements including hardware and software updates or upgrades. Formulates and defines specifications for operating system applications or modifies and maintains existing applications using engineering releases and utilities from the manufacturer. Creates detailed design specifications for use by software development staff members. Interacts with project management to plan project schedules and technical direction. Develops software design documents and technology white papers. Instrumental in selection of development tools. Responsible for developing high level system design diagrams and for program design, coding, testing, debugging and documentation. Instructs, directs, and checks the work of other task personnel. Instructs, directs, and checks the work of other task personnel. Responsible for quality assurance review and the evaluation of existing and new software products. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.

113. IT STAFF SYSTEMS SOLUTIONS ENGINEER

Emerging authority in technical discipline or related area of expertise. May function in project leadership roles and represents the organization as prime customer contact on significant technical matters on contracts. Solves complex problems that require the regular use of ingenuity and creativity. Performs technical planning, system integration, verification and validation, cost and risk, and supportability and effectiveness analyses for total systems. Analyses are performed at all levels of total system product to include: hardware/software, concept, design, fabrication, test, installation, operation, maintenance and disposal. Performs duties such as site surveys, system evaluation, system analysis, architecture, and infrastructure



assessment. Ensures the logical and systematic conversion of customer or product requirements into total systems solutions that acknowledge technical, schedule, and cost constraints. Applies and/or develops advanced technologies, scientific principles, theories, and concepts. Resolves issues associated with the development and implementation of operational programs. Provides input to R&D programs and recommends technological application programs to accomplish long-range objectives. **Education/Experience:** BA/BS with at least 5 years of experience.

114. IT SENIOR STAFF SYSTEMS SOLUTIONS ENGINEER

Considered an authority in technical discipline or related area of expertise. Managerial/leadership experience required. Works unusually complex IT problems with consultative direction. Performs technical planning, system integration, verification and validation, cost and risk, and supportability and effectiveness analyses for total systems. Analyses are performed at all levels of total system product to include: hardware/software, concept, design, fabrication, test, installation, operation, maintenance and disposal. Performs duties such as site surveys, system evaluation, system analysis, architecture, and infrastructure assessment. Ensures the logical and systematic conversion of customer or product requirements into total systems solutions that acknowledge technical, schedule, and cost constraints. Applies and/or develops advanced technologies, scientific principles, theories, and concepts. Resolves issues associated with the development and implementation of operational programs. Provides input to R&D programs and recommends technological application programs to accomplish long-range objectives. **Education/Experience:** BA/BS with at least 10 years of experience.

115. IT PRINCIPAL SYSTEMS SOLUTIONS ENGINEER

Senior consultant to top level IT management. Viewed as the expert in technical discipline or related area of expertise, exhibiting an exceptional degree of ingenuity, creativity, and resourcefulness. Managerial/leadership experience required. Typically serves as the prime spokesperson to the customer. Performs technical planning, system integration, verification and validation, cost and risk, and supportability and effectiveness analyses for total systems. Analyses are performed at all levels of total system product to include: hardware/software, concept, design, fabrication, test, installation, operation, maintenance and disposal. Performs duties such as site surveys, system evaluation, system analysis, architecture, and infrastructure assessment. Ensures the logical and systematic conversion of customer or product requirements into total systems solutions that acknowledge technical, schedule, and cost constraints. Applies and/or develops advanced technologies, scientific principles, theories, and concepts. Often acts independently to resolve issues associated with the development and implementation of operational programs. Plans R&D programs and recommends technological application programs to accomplish long-range objectives. **Education/Experience:** MA/MS in a technical discipline with at least 15 years of experience.

116. IT SUBJECT MATTER EXPERT (ASSOCIATE)



Under broad direction, provides expert technical support, analysis and research into especially complex problems, and processes relating to the subject matter. Serves as technical expert on high-level project teams providing technical direction, interpretation and alternatives. Thinks independently and demonstrates superior written and oral communications skills. Possesses a complete understanding and wide experience in the application of technical principles, theories, and concepts in the field. Provides technical solutions to a wide range of difficult problems. Solutions are imaginative, thorough, practicable, and consistent with organizational objectives. Works under only general direction. Independently determines and develops approach to solutions. Contributes to the completion of specific programs and projects. Expertise is in a particular area of Information Technology (e.g., Information Systems Architecture, Telecommunications Systems Design, Architecture, Implementation, Information Systems Integration, Software Development Methodologies, Security Engineering, Communications and Network Systems Management), or a specific functional area (e.g., finance, logistics, and operations research). **Education/Experience:** BA/BS with at least 5 years of experience.

117. IT SUBJECT MATTER EXPERT (INTERMEDIATE)

With minimal direction, provides expert support, analysis and research into exceptionally complex IT problems, and processes relating to the subject matter. Serves as technical expert on executive-level project teams providing technical direction, interpretation and alternatives. Thinks independently and demonstrates exceptional written and oral communications skills. Applies extensive technical expertise, and has full knowledge of other related disciplines. Guides the successful completion of major programs and may function in a project leadership role. Develops technical solutions to complex problems that require the regular use of ingenuity and creativity. Work is performed without appreciable direction. Exercises considerable latitude in determining technical objectives of assignment. Expertise is in a particular area of Information Technology (e.g., Information Systems Architecture, Telecommunications Systems Design, Architecture, Implementation, Information Systems Integration, Software Development Methodologies, Security Engineering, Communications and Network Systems Management), or a specific functional area (e.g., finance, logistics, and operations research). **Education/Experience:** BA/BS with at least 10 years of experience.

118. IT SUBJECT MATTER EXPERT (LEAD)

Provides expert support, analysis and research into exceptionally complex IT problems, and processes relating to the subject matter. Serves as technical expert on executive-level project teams providing technical direction, interpretation and alternatives. Thinks independently and demonstrates exceptional written and oral communications skills. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems and provides solutions which are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Develops advanced technological ideas and guides their development into a final product. Expertise is in a particular area of



Information Technology (e.g., Information Systems Architecture, Telecommunications Systems Design, Architecture, Implementation, Information Systems Integration, Software Development Methodologies, Security Engineering, Communications and Network Systems Management), or a specific functional area (e.g., finance, logistics, and operations research). **Education/Experience:** MA/MS with at least 15 years of experience.

119. IT SYSTEMS ADMINISTRATOR I

Installs new software releases and system upgrades, evaluates and installs patches, and resolves software related problems. Performs system backups and recovery. Has knowledge of commonly-used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Primary job functions do not typically require exercising independent judgment. Typically reports to a project leader or manager. Maintains data files and monitors system configuration to ensure data integrity. Other duties as assigned. **Education/Experience:** BA/BS in a technical discipline.

120. IT SYSTEMS ADMINISTRATOR III

Installs new software releases and system upgrades, evaluates and installs patches, and resolves software related problems. Performs system backups and recovery. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a project leader or manager. Maintains data files and monitors system configuration to ensure data integrity. Other duties as assigned. **Education/Experience:** BA/BS in a technical discipline with at least 7 years of experience.

121. IT SYSTEMS ADMINISTRATOR

Supervises and manages the daily activities of configuration and operation of IT business systems which may be mainframe, mini, or client/server based. Optimizes system operation and resource utilization, and performs system capacity analysis and planning. Assists users in accessing and using business systems. **Education/Experience:** BA/BS in a technical discipline with at least 2 years of experience.

122. IT SENIOR SYSTEMS ADMINISTRATOR

Organizes and directs the configuration and operation of IT management systems. Responsible for directing the work of other system administrators to provide the day-to-day system administration to include system and resource optimization, and user assistance. Conducts capacity and performance analysis, and provides system configuration change and upgrade recommendations. Increases system administrator efficiency and accuracy via the use of automated tools and scripts, develops system administrator procedures, and conducts system



administrator training and skills assessment. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

123. IT SENIOR SYSTEMS ARCHITECT

Designs technical architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Identifies, assesses, and presents options for meeting the functional and technical requirements including hardware and software updates or upgrades. Responsible for developing high level system design diagrams. Ensures that the common operating environment is compliant. Evaluates analytically and systematically problems of work flows, organization and planning and develops appropriate corrective action. **Education/Experience:** BA/BS with at least 10 years of experience.

124. IT PRINCIPAL SYSTEMS ARCHITECT

Establishes system IT requirements using analysis of the information engineer(s) in the development of enterprise-wide or large-scale information systems. Determines and identifies high level functional and technical requirements based on interactions with the user community and knowledge of the enterprise architecture. Designs architecture to include the software, hardware and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Identifies, assesses, and presents options for meeting the functional and technical requirements including hardware and software updates or upgrades. Responsible for developing high level system design diagrams. Ensures that the common operating environment is compliant. Evaluates analytically and systematically problems of work flows, organization and planning and develops appropriate corrective action. Provides daily supervision and direction to staff. **Education/Experience:** MA/MS in a technical discipline with at least 15 years of experience.

125. IT SYSTEMS ENGINEER III

Defines and documents the client concept of IT operations and requirements and implements the engineering methodology to meet the project technical requirements. Performs technical activities in coordination with other internal support groups to facilitate resolution of customer problems. Provides technical guidance in structured system development activities designed to develop complex technical solutions for client information technology requirement. Works with developers to troubleshoot issues. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

126. IT SYSTEMS ENGINEER IV

Defines and documents the client concept of IT operations and requirements and implements the engineering methodology to meet the project technical requirements. Performs technical activities in coordination with other internal support groups to facilitate resolution of customer



problems. Provides technical guidance in structured system development activities designed to develop complex technical solutions for client information technology requirement. Works with developers to troubleshoot issues. **Education/Experience:** BA/BS in a technical discipline with at least 7 years of experience.

127. IT PRINCIPAL SYSTEMS ENGINEER

Applies a comprehensive set of systems engineering principles and disciplines supporting IT administration and network support. Installs and configures the servers and client software upgrades, as well as provide network monitoring and firewall configuration. Provides engineering support, tests, administers, and troubleshoots mail server. Develops engineering assessments of different configurations. Including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Coordinates with the Project and/or Program Manager to ensure problem solution and user satisfaction. Makes recommendations, if needed, for approval of major systems installations. Prepares milestone status reports and deliveries/presentations on the system concept to colleagues, subordinates, and end user representatives. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.

128. IT SYSTEMS OPERATOR

Monitors and supports computer processing. Coordinates input, output and file media. Distributes output and controls computer operation which may be mainframe, mini, or client/server based. **Education/Experience:** High School diploma with at least 2 years of experience.

129. IT TECHNICAL WRITER II

Writes a variety of technical articles, reports, brochures, and/or manuals for documentation for a wide range of uses. May be responsible for coordinating the display of graphics and the production of the document. Other duties as assigned. **Education/Experience:** BA/BS.

130. IT TECHNICAL WRITER IV

Gathers, analyzes, and composes technical information required for preparation of user manuals, training materials, installation guides, reports, and memoranda. Researches, writes, edits and proofreads technical data for use in documents or sections of other customer deliverables and documents. Provides support in the area of technical editing by reviewing the grammar, writing styles, and syntax of quality materials and technical reports. Assists in rewriting of quality materials and technical reports. May be responsible for content of technical documents. **Education/Experience:** BA/BS with at least 7 years of experience.

131. IT TECHNICAL WRITER / EDITOR



Develops, writes and edits technical material for reports, manuals, briefs, instructions books, catalogs and related technical and administrative publications. Assists in collecting and organizing information required for preparation of user's manuals, training materials, installation guides, proposals, and reports. Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents. **Education/Experience:** BA/BS with at least 2 years of experience.

132. IT TEST ENGINEER (ASSOCIATE)

Performs formal IT system testing activities for a particular project or subset of a larger project under supervision of more experienced test personnel. May participate in support of user requirements for simple to moderately complex software/hardware applications under the direction of a Senior Test Engineer. Executes defined test cases and procedures as detailed in the test documentation. Assists with the collection of data and technical information used in the development of test documentation. Assists in the development of test data to be used in performing required tests. Responsible for documentation of test results in the proper logs and/or tracking systems. Participates in selected phases of risk management assessment and software/hardware development under the direction of more experienced personnel. May participate in the development of test scripts and is responsible for ensuring proper execution of those test scripts. Under the direction of more experienced personnel, may be responsible for ensuring that test designs and documentation supports selected client, agency or industry standards and time lines. Responsible for ensuring that testing conclusions and recommendations are supported by test results. Responsible for or assists in the analysis of test results and documents conclusions. **Education/Experience:** BA/BS with at least 2 years of experience.

133. IT TEST ENGINEER (INTERMEDIATE)

Performs analysis of documented user requirements and directs or assists in the design of test plans in support of user requirements for moderately complex to complex software/hardware applications. Reviews user application system requirements documentation; designs, defines and documents unit and application test plans; transforms test plans into test scripts and executes those scripts. May participate in all phases of risk management assessment and software/hardware development under the direction of a Senior Test Engineer. Responsible for ensuring proper execution of test scripts and documentation of test results in test logs or defect tracking systems. Responsible for ensuring that the test designs and documentation support all applicable client, agency or industry standards, time lines and budgets. Responsible for the development of test data to be used in performing the required tests. Responsible that testing conclusions and recommendations are fully supported by test results, and those project managers are fully informed or testing status and application deviations from documented user requirements. Responsible for/or assists in the analysis of test results, documents conclusions and makes recommendations as supported by such analysis.. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.



134. IT TEST ENGINEER (LEAD)

Subject matter expert providing IT testing expertise for support of user requirements of complex to highly complex software/hardware applications. Directs and/or participates in all phases of risk management assessments and software/hardware development with emphasis on analysis of user requirements, test design and test tools selection. Responsible for ensuring that the test design and documentation support all applicable client, agency or industry standards time lines and budgets. Responsible for ensuring that testing conclusions and recommendations are fully supported by test results, and project managers are fully informed of testing status and application deviations from documented user requirements. **Education/Experience:** BA/BS in a technical discipline with at least 10 years of experience.

135. IT TRAINING SPECIALIST

Conducts the research necessary to develop and revise IT training courses. Develops and revises these courses and prepares appropriate training catalogs. Prepares instructor materials (course outline, background material, and training aids). Prepares student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms). Trains personnel by conducting formal classroom courses, workshops and seminars. **Education/Experience:** BA/BS with at least 3 years of experience.

136. IT SENIOR TRAINING SPECIALIST

Conducts the research necessary to develop and revise IT training courses and prepares appropriate training catalogs. Develops all instructor materials (course outline, background material, and training aids). Develops all student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms). Trains personnel by conducting formal classroom courses, workshops, seminars and/or computer based/computer aided training. Provides daily supervision and direction to staff. **Education/Experience:** BA/BS with at least 5 years of experience.

137. IT SPECIALIZED TECHNOLOGY TRAINING SPECIALIST

Conducts the research necessary to design advanced level specialized technology (e.g. IA, IPv6, Secure Virtualization) training programs to include network engineering, IT systems design, and IT systems implementation. Trains entry-level IT personnel by conducting formal classroom courses, workshops, seminars and/or computer-based/computer-aided training. Integrates COTS hardware and software with GOTS hardware and software to produce unique system level training courses. **Education/Experience:** BA/BS with at least 2 years of experience.

138. IT SENIOR SPECIALIZED TECHNOLOGY TRAINING SPECIALIST

Conducts the research necessary to design advanced level specialized technology (e.g. IA, IPv6, Secure Virtualization) training programs to include network engineering, IT systems



design, and IT systems implementation. Trains junior IT personnel by conducting formal classroom courses, workshops, seminars and/or computer-based/computer aided training. Integrates COTS hardware and software with Government off-the-shelf (GOTS) hardware and software to produce unique system-level training courses. Provides daily supervision and direction to staff. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

139. IT WEB ARCHITECT

Designs and builds web sites using a variety of graphics software applications, techniques, and tools. Designs and develops user interface features, site animation, and special effects elements. Contributes to the design group's efforts to enhance the look and feel of the organization's on-line offerings. Designs the website to support the organization's strategies and goals relative to external communications. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

140. IT WEB DESIGNER

Designs, develops, troubleshoots, debugs, and implements software code (such as HTML, CGI and JavaScript) for components of the website. Works with graphic designers and other members of a project team to develop the site concept, interface design, and architecture of the website. Responsible for interface implementation. Requires strong navigation and site design instincts. **Education/Experience:** BA/BS in a technical discipline with at least 2 years of experience.

141. IT WEB DEVELOPER IV

Designs and builds web-based applications. Integrates databases and software application to web. Installs, configures and administers web servers and similar systems as required. Designs, develops, troubleshoots, debugs, and implements software code (such as HTML, CGI and JavaScript) for components of the website. Works with graphic designers and other members of a project team to develop the site concept, interface design, and architecture of the website. Responsible for interface implementation. **Education/Experience:** BA/BS in a technical discipline with at least 7 years of experience.

142. IT SR. DOCUMENTUM CONSULTANT

Administer, install, configure, maintain and test components, patches, service packs within the infrastructure for all environments. Configure prerequisite requirements, software (i.e., Active Directory, JBoss, SSL, xCP) for all environments Upgrade/migrate Documentum or other Document Management software to latest versions May serve as a Content Server Admin Develop database functions, scripts, stored procedures, and triggers to support application and web service development Ensure data integrity. Prepare documentation regarding repository and interfacing applications, database designs, configuration, and change management tasks Provide support for existing production applications, troubleshooting, resolving problems. Support migration and



cloning of Documentum applications/repositories **Education/Experience:** BA/BS in a technical discipline with at least 7 years of experience.

143. IT DOCUMENTUM PRACTICE OVERSIGHT

Responsible for implementation, execution and compliance of Document Management Policies. Ensures the establishment, maintenance and usage of Document Management processes, systems and tools. Implement and execute the Document Management strategy in support of the scope of work performed. Execute the work in a manner that achieves contractual objectives for the Document Management scope of work. Supports and ensures the correct deployment and utilization of Project Management systems, e.g., IPMS, Supplier Management, Documentum, etc. Performs oversight of the people, performance, results process to ensure regular and timely interfaces with Document Management personnel. Contributes to the development and training of document management personnel. Develop, implement, monitor and report status of Document Management activities and progress to the Project. Performs audits of the function to ensure process compliance by reviewing document registers and reports. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

144. IT PROJECT MANAGER

Strong expertise in project management. Have experience managing small and medium projects has strong experience using project tracking and reporting tools, Good communication skills. **Education/Experience:** BA/BS in a technical discipline with at least 5 years of experience.

145. Cloud Net-centric Enterprise Security Systems Engineer

Senior-level professional and requires a high level of information assurance and security experience. Possesses specific systems engineering knowledge and experience in one or more areas including current security technologies such as emerging technologies such as but not limited to cloud security, Identity Management (IdM), Privilege Management (PrM), Digital Policy Management, IA Metadata, Crypto Key Management, Credential Management and Attribute Management. Frequently requires high level of security clearance at TOP SECRET and SECRET security levels to perform work at contractor or Government sites. Able to independently accomplish complex requirements. Performs requirements analysis to determine security needs for complex software, systems, components, and networks. Designs software tools and subsystems to support integration of security products into a secure IT environment. Interface with client to determine present and future secure network needs, and designs complex network architecture to meet requirements. Designs and implements test and evaluation processes for security and resolves complex integrity issues. Provides guidance to less experienced secure systems/software engineers. Performs complex assignment with little guidance. Has latitude in completing broad objectives. **Education/Experience:** Bachelor's with at least 10 years of experience.

146. CLOUD PROJECT MANAGER



Work closely with client, management and project team members to establish project needs, deadlines and budgets. Their job is to delegate tasks among their team members and be the main point of contact with the client. **Education/Experience:** Masters with at least 15 years of experience.

147. CLOUD DEPUTY PROGRAM MANAGER

Serves as the deputy IT project manager and shall assist the Program Manager. Under the guidance of the Program Manager, responsible for the overall management of the specific task order and insuring that the technical solutions and schedules in the task order are implemented in a timely manner. Performs enterprise-wide horizontal integration planning and interfaces to other functional systems. **Education/Experience:** Bachelor's with at least 10 years of experience.

148. Cloud Facilitator

Expected to facilitate meetings for the product teams, leadership team, and business stakeholders, moderate decision-making sessions, and identify roadblocks. **Education/Experience:** Bachelor's with at least 5 years of experience.

149. Software Developer III

Under board direction, duties will primarily revolve around building software by writing code, as well as modifying software to fix errors, adapt it to new hardware, improve its performance, or upgrade interfaces. Involved in directing system testing and validation procedures, and also working with customers or departments on technical issues including software system design and maintenance. **Education/Experience:** Bachelor's Degree with 2 years of experience.

150. Cloud Software Developer IV

With minimal direction, duties will primarily revolve around building software by writing code, as well as modifying software to fix errors, adapt it to new hardware, improve its performance, or upgrade interfaces. Involved in directing system testing and validation procedures, and also working with customers or departments on technical issues including software system design and maintenance. **Education/Experience:** Bachelor's with at least 5 years of experience.

151. Cloud Network Engineer IV (Lead)

Under broad direction, Designing and implementing new network solutions and/or improving the efficiency of current networks. Installing, configuring and supporting network equipment including routers, proxy servers, switches, WAN accelerators, DNS and DHCP. **Education/Experience:** Bachelor's with at least 5 years of experience.

152. Cloud Systems Administrator III



Under broad direction, responsibilities include monitoring system performance and configuring new software and hardware. Excellent troubleshooting skills and hands-on experience with various operating systems. Ensure software, hardware, servers and networks run smoothly. **Education/Experience:** Bachelor's with at least 2 years of experience.

153. Cloud Senior System Administrator II

Responsibilities include monitoring system performance and configuring new software and hardware. Excellent troubleshooting skills and hands-on experience with various operating systems. Ensure software, hardware, servers and networks run smoothly. **Education/Experience:** Bachelor's with at least 5 years of experience.

154. Cloud Database Engineer I

With board direction, implements changes in database operations and ensuring data is readily available to end-users. Manage database access and keep stored data up-to-date. Provide training, feedback, and support to users on the usage of data provided. Ensure that the database is adequately backed up so that vital information can be retrieved in case of accidental loss or security breach. **Education/Experience:** Bachelor's with at least 5 years of experience.

155. Cloud Automation Test Engineer IV

Primary responsibility will be to design, implement, and maintain test scenarios and tools for the diverse range of products spanning from Big Data projects, web applications and cloud projects, to mobile applications for both iOS and Android devices. Create and execute comprehensive test strategies, spanning from unit tests to integration, system tests, user acceptance testing (UAT), exploratory tests, and non-functional tests. **Education/Experience:** Bachelor's with at least 5 years of experience.

156. Cloud Engineer IV

Under broad direction, deploys, debugs, and executes initiatives related to cloud computing. Design, develop, and maintain cloud-based systems, ensuring efficient data storage and adherence to security policies. Interact with clients, provide cloud support, and make recommendations based on client needs. **Education/Experience:** Bachelor's with at least 10 years of experience.

157. Cloud Engineer III

Under broad direction, deploys, debugs, and executes initiatives related to cloud computing. Design, develop, and maintain cloud-based systems, ensuring efficient data storage and adherence to security policies. Interact with clients, provide cloud support, and make recommendations based on client needs. **Education/Experience:** Bachelor's with at least 5 years of experience.

158. Cloud Scrum Master I



Scrum masters serve as facilitators for agile teams working under the scrum methodology. They're the point person responsible for understanding the big development picture of each sprint. They bridge the needs of product management, sales, marketing, operations, and product development. **Education/Experience:** Bachelor's with at least 5 years of experience.



METHODOLOGY FOR SUBSTITUTION OF EDUCATION AND EXPERIENCE

The equivalencies in the table below will be considered in determining the minimum education and experience. Additional educational achievements in excess of requirements can be substituted for experience requirements:

REQUIRED EDUCATION	ACTUAL EDUCATION OBTAINED	ADDITIONAL EXPERIENCE EMPLOYEE	YEARS CREDITED	OF THE
M.A./M.S.	Ph.D.	4		
B.A./B.S.	Ph.D.	6		
B.A./B.S.	M.A./M.S.	2		
H.S./G.E.D.	B.A./B.S.	4		

Additional experience in excess of requirements can be substituted for educational requirements:

ACTUAL EDUCATION	REQUIRED EDUCATION	ADDITIONAL YEARS OF EXPERIENCE NEEDED FOR REQUIREMENTS EQUIVALENCY
H.S./G.E.D.	B.A./B.S.	4
H.S./G.E.D.	M.A./M.S.	6
H.S./G.E.D.	Ph.D.	No Equivalency
B.A./B.S.	M.A./M.S.	2
B.A./B.S.	Ph.D.	10
M.A./M.S.	Ph.D.	4

6 SCLS Matrix

Marion County, West Virginia, 12/27/2021

SCLS Eligible Labor Category	SCLS Equivalent Code Title	Wage Determination #
IT Administrative Assistant II**	01020 - Administrative Assistant	2015-4353
IT Intern I**	01261 - Personnel Assistant	2015-4353
IT Logistics Analyst (Associate)**	21030 - Material Coordinator	2015-4353
IT Program Administration Specialist**	01263 - Personnel Assistant (Employment) III	2015-4353

"The Service Contract Labor Standards, formerly the Service Contract Act (SCA), apply to this contract and it includes SCLS applicable labor categories. Labor categories and fixed price services marked with a (**) in this pricelist are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCLS/SCA matrix. The prices awarded are in line with the geographic scope of the contract (i.e., nationwide)."